



# 2018 Catalogue

Technology :: Support :: Solutions



Version: 20180906



## Security Show 2018

Intrusion | CCTV | Access Control | WiFi | Automation

Television & Satellite

Cable

Electrical & Data

Commercial MATV

Home Theatre & Multi-Room

Audio

Home Automation

Security

ICT



## NAS Australia Pty. Ltd.

ABN: 40 069 535 826

### Company Profile

Established in 1982, NAS Australia is a Queensland family owned and operated wholesaler of cutting edge TV reception and custom installation products. We pride ourselves on our ability to deliver the right products at the right price, backed by exceptional pre- & post-sale services. With three decades of industry experience, NAS are the fully qualified experts in the TV reception industry.

Among the pioneers of products and techniques for reception of analog and subsequently digital satellite television in Australia, NAS has continued to provide leading equipment solutions to the installation trades throughout Australia and the South Pacific region.

### Opening Hours:

Monday:	7:30AM ~ 4:30PM
Tuesday:	7:30AM ~ 4:30PM
Wednesday:	7:30AM ~ 4:30PM
Thursday:	7:30AM ~ 4:30PM
Friday:	7:30AM ~ 4:30PM

### Newcastle Only:

Saturday: 8:30AM ~ 12:30PM

### Brisbane

28 Newstead Terrace,  
Newstead Q 4006

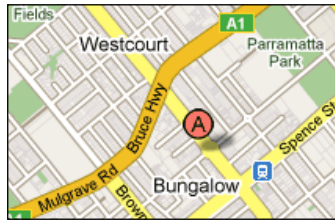
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## Terms & Conditions

**Goods do not pass title until fully paid for by purchaser.**

### Payment and Trading Terms

NAS Australia accepts Cash, Cheque (account customers only), Visa, Mastercard, Eftpos, PayPal and Direct Deposit. 30 day credit terms are available to approved customers. Application forms are available from your local branch. Account questions can be directed to [accounts@nasaustralia.com.au](mailto:accounts@nasaustralia.com.au)

### Ownership of goods

All goods and services remain the property of NAS Australia Pty Ltd until fully paid for by the purchaser.

### Short/incorrect delivery

NAS must be notified immediately by the customer should they receive goods that are damaged or short delivered.

### Returns

All goods that you wish to return to a NAS branch or agency must be authorised prior to return. An RMA Request form must be completed ahead of time and submitted via mail, fax or email. Upon receipt, should the return be approved, NAS will reply with an RMA number and return instructions within two working days.

Goods returned without all associated parts (e.g. remote control, batteries, flyleads, power supplies etc.) will not be credited until all missing parts are supplied or the customer agrees to be charged for the missing parts at the relevant NAS trade price.

Items which are not standard stock lines and were specifically ordered by NAS at a buyers request

will not be accepted for credit under any circumstances unless defective at the time of supply.

Cable cut to customer specified lengths will not be accepted for credit under any circumstances unless defective at the time of supply.

### Restocking Fee

All stock items returned after 7 days as not required will incur a minimum 10% restocking fee. If the goods are faulty and within warranty no fee will apply.

### Insurance

Is the responsibility of the purchaser.

### Freight

NAS Australia offers in-house local delivery services from our Brisbane, Cairns, Sunshine Coast, Newcastle and Ballarat Warehouses. Mobile warehouses also visit many QLD, NSW and VIC regional areas. Please contact your local branch to discuss your delivery needs.

Freight outside Brisbane, Cairns, Sunshine Coast, Newcastle and Ballarat will be arranged accordingly using rates from several freight companies used by NAS Australia. Customer freight can also be used.

The NAS Australia free freight minimum order spend is \$600 + gst for all standard price structure orders. All special price or bulk quantity orders must have their freight component negotiated at the time of purchase.

### Orders

In order to avoid mistakes, it is the customer's responsibility to provide us with the correct model numbers as they appear in the catalogue.

### Back Orders

Items placed on back order will be sent automatically when stock becomes available (unless otherwise requested).

### Prices

All prices are subject to change without notice. Up-to-date pricing is available through your NAS sales rep, NAS Customer Mobile App and Trade Only Webshop.

### Overseas Customers

All overseas orders are sent on a prepaid basis unless special arrangements are organised in advance of placing orders.

### NAS Disclaimer

The team at NAS Australia prides itself on our ability to deliver the right products at the right price, backed by exceptional pre- and post-sale services. We offer advice gratuitously.

While NAS Australia uses reasonable efforts to ensure advice provided and information supplied is accurate, NAS Australia makes no warranties or representations as to the accuracy of the advice or material.

To the maximum extent permitted by law, in no event shall NAS Australia and its employees and agents be liable for any damages whatsoever. NAS Australia shall not be liable for any special or consequential damages that result from the use of, or the inability to use, gratuitous advice provided by NAS Australia or the performance of the products, even if NAS Australia has been advised of the possibility of such damages.

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# A :: Television & Satellite

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## Australian Television Frequency Chart

Broadcast Band Channel Extents and Centre Frequencies (LTE Channel Plan)

Band	7MHz channel number	Frequency Limits	Centre Frequency	Block Details
Band III	6	174-181	175.25	Block A Ch 6 - 12
	7	181-188	182.25	
	8	188-195	189.25	
	9	195-202	196.25	
	9A	202-209	203.25	
	10	209-216	210.25	
	11	216-223	217.25	
	12	223-230	224.75	
Band IV	28	526-533	527.25	Block B Ch 28 - 33
	29	533-540	534.25	
	30	540-547	541.25	
	31	547-554	548.25	
	32	554-561	555.25	
	33	561-568	562.25	
	Band V	34	568-575	569.25
35		575-582	576.25	
36		582-589	583.25	
37		589-596	590.25	
38		596-603	597.25	Block D Ch 40 - 45
39		603-610	604.25	
40		610-617	611.25	
41		617-624	618.25	
42		624-631	625.25	
43		631-638	632.25	
44		638-645	639.25	
45		645-652	646.25	Block E Ch 46 - 51
46		652-659	653.25	
47		659-666	660.25	
48	666-673	667.25		
49	673-680	674.25		
50	680-687	681.25		
51	687-694	688.25		

## TV Antennas

### VHF

#### SignalMAX

##### 14 Element Band III Yagi

SignalMAX **ANTSMV314L**



14 Element VHF 6-12 F-Type Balun With LTE Filter

##### Specifications:

Elements:	14
Band(s):	3
Channels:	6-12
Forward Gain:	>17.5dB
Front-to-Back Ratio:	30dB
Balun Type:	PCB F Type
LTE Filter Included:	Yes

### VHF Log Periodic

#### VHF Log Periodic :: SignalMAX

##### SignalMAX Band III Folding Log Periodic Antenna

SignalMAX **ANTFLOG3**



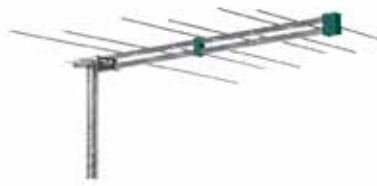
SignalMAX Band III (VHF 6-12) Folding Log Periodic Antenna with F-type termination point, supplied in poly bag.

##### Specifications:

Elements:	12
Band(s):	3
Channels:	6-12
Forward Gain:	11.5dB
Front-to-Back Ratio:	>20dB
Balun Type:	N/A
LTE Filter Included:	N/A

##### SignalMAX Premium Band III Log Periodic Antenna

SignalMAX **ANTLP3SM**



SignalMAX Premium Band III 12 Element Log Periodic Antenna with F-type termination point - Manufactured in Italy

##### Specifications:

Elements:	12
Band(s):	3
Channels:	6-12
Forward Gain:	7dB
Front-to-Back Ratio:	20dB
Balun Type:	N/A
LTE Filter Included:	N/A

### VHF Yagi

#### VHF Yagi :: SignalMAX

##### SignalMAX 18 Element Band III Yagi

SignalMAX **ANTSM61218**



SignalMAX 18 Element Band III Yagi with PCB Balun

##### Specifications:

Elements:	18
Band(s):	3
Channels:	6-12
Forward Gain:	>15dB
Front-to-Back Ratio:	29dB
Balun Type:	PCB F Type
LTE Filter Included:	N/A

##### SignalMAX 4 Element Band III Yagi

SignalMAX **ANTSMV304L**



SignalMAX 4 Element Band III Yagi with PCB Balun and LTE Low Pass Filter

##### Specifications:

Elements:	4
Band(s):	3
Channels:	6-12
Forward Gain:	>7dB
Front-to-Back Ratio:	>15dB

##### Specifications:

Balun Type:	PCB F Type
LTE Filter Included:	Yes

##### SignalMAX 7 Element Band III Yagi

SignalMAX **ANTSMV307L**



SignalMAX 7 Element Band III Yagi with PCB Balun and LTE Low Pass Filter

##### Specifications:

Elements:	7
Band(s):	3
Channels:	6-12
Forward Gain:	>11dB
Front-to-Back Ratio:	21dB
Balun Type:	PCB F Type
LTE Filter Included:	Yes

##### SignalMAX 10 Element Band III Yagi

SignalMAX **ANTSMV310L**



SignalMAX 10 Element Band III Yagi with PCB Balun and LTE Low Pass Filter

##### Specifications:

Elements:	10
Band(s):	3
Channels:	6-12
Forward Gain:	>15dB
Front-to-Back Ratio:	29dB
Balun Type:	PCB F Type
LTE Filter Included:	Yes

### VHF Yagi :: Topline

##### Topline 10 Element Band III Yagi

Topline **ANTL10V**



Topline Trade Value Range 10 Element Band III Yagi with F-Type Balun

##### Specifications:

Elements:	10
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Specifications:	
<b>Band(s):</b>	3
<b>Channels:</b>	6-12
<b>Forward Gain:</b>	8 - 11dB
<b>Front-to-Back Ratio:</b>	18 - 22dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

### Topline 10 Element 12 Painted Boom

Topline ANTL10VP

Topline 10 Element Band III VHF Yagi (6 - 12) Pro Powder Coated Black Aluminium Boom

**Specifications:**

<b>Elements:</b>	TBA
<b>Band(s):</b>	TBA
<b>Channels:</b>	TBA
<b>Forward Gain:</b>	TBA
<b>Front-to-Back Ratio:</b>	TBA
<b>Balun Type:</b>	TBA
<b>LTE Filter Included:</b>	TBA

### ANTTL5VB

Topline ANTL5GVB

5 Element Band 3 Yagi (6-12) with 2 Wire Balun, Trade Value . All Elements Fitted To Antenna, Plain Boom.

### Topline 7 Element Band III Yagi

Topline ANTL6VB



Topline Trade Value Range 7 Element Band III Yagi (6-12) with F-Type Balun

**Specifications:**

<b>Elements:</b>	7
<b>Band(s):</b>	3
<b>Channels:</b>	6-12
<b>Forward Gain:</b>	6 - 9dB
<b>Front-to-Back Ratio:</b>	15 - 17dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

### Topline Pro 10 Element Band III Yagi

Topline ANTL6VP



Topline Pro 7 Element Band III Yagi (6-12) with F Type Balun.

### Powder Coated Black Aluminium

Specifications:	
<b>Elements:</b>	7
<b>Band(s):</b>	3
<b>Channels:</b>	6-12
<b>Forward Gain:</b>	6 - 9dB
<b>Front-to-Back Ratio:</b>	>15 - 17dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

### Topline Stainless Steel 7 Element Band III Yagi

Topline ANTL6VSS



Topline 7 Element Band III VHF Yagi (6 - 12) F-Type Balun Stainless Steel Antenna TL6SS

**Specifications:**

<b>Elements:</b>	7
<b>Band(s):</b>	3
<b>Channels:</b>	6-12
<b>Forward Gain:</b>	6 - 9dB
<b>Front-to-Back Ratio:</b>	15 - 17dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	N/A

## VHF Phased Array

### VHF Phased Array :: Topline

### Topline 16 Element Band III Phased Array

Topline ANTLPA16V



Topline Trade Value Range 16 Element Band III VHF Phased Array Antenna with F-Type Balun

**Specifications:**

<b>Elements:</b>	16
<b>Band(s):</b>	3
<b>Channels:</b>	6-12
<b>Forward Gain:</b>	12.5 - 15
<b>Front-to-Back Ratio:</b>	11 - 19
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

### Topline 8 Element Band III Phased Array

Topline ANTLPA8V



Topline Trade Value Range 8 Element Band III Phased Array with F Type Balun

**Specifications:**

<b>Elements:</b>	8
<b>Band(s):</b>	3
<b>Channels:</b>	6-12
<b>Forward Gain:</b>	7 - 9.5dB
<b>Front-to-Back Ratio:</b>	10.5 - 17dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

## VHF/UHF Combination

### Alvin

### Antenna Log Periodic Ch 6 To 52-Band 3,4

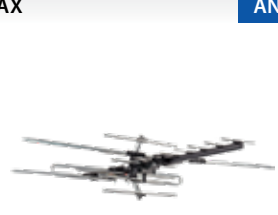
Alvin ANTDDA652LP

Antenna Log Periodic Ch 6 To 52-Band 3,4

## SignalMAX

### SignalMAX 14 Element Band III/IV Combination Antenna

SignalMAX ANTACD14



SignalMAX 14 Element Heavy Duty Band III/IV Combination Antenna

**Specifications:**

<b>Elements:</b>	14
<b>Band(s):</b>	3 & 4
<b>Channels:</b>	6-12 & 28-50
<b>Forward Gain:</b>	VHF 7.5dB, UHF 12dB
<b>Front-to-Back Ratio:</b>	VHF & UHF >16dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	N/A

## SignalMAX 8 Element Band III/IV Combination Antenna

SignalMAX

ANTCD12L



SignalMAX 8 Element Heavy Duty Band III/IV Combination Antenna with PCB Balun and LTE Low Pass Filter

### Specifications:

Elements:	8
Band(s):	3 & 4
Channels:	6-12 & 28-35
Forward Gain:	11dB VHF, 4dB UHF
Front-to-Back Ratio:	>19dB VHF, > 23dB UHF
Balun Type:	PCB F Type
LTE Filter Included:	Yes

## SignalMAX Band III/IV Folding Log Periodic Antenna

SignalMAX

ANTFLOG34



SignalMAX Band III/IV (Channels 6-12 & 28-35) Folding Log Periodic Antenna

### Specifications:

Elements:	32
Band(s):	3 & 4
Channels:	6 - 35
Forward Gain:	8dB
Front-to-Back Ratio:	>20dB
Balun Type:	N/A
LTE Filter Included:	N/A

## SignalMAX Premium Band III/IV Log Periodic

SignalMAX

ANTLP34SM



SignalMAX Premium 32 Element Band III/IV Log Periodic Antenna - Manufactured in Italy

### Specifications

Band	3 & 4 (Ch 6-50)
ELEMENTS	32
GAIN	8dB
F/B RATIO	>20dB
MANUFACTURE	Aluminium
H dir	56 degrees
PACKAGE CONTENTS	10 antennas and 10 weather boots

## UHF

### Butterfly UHF Antenna

#### Available Models:

Topline 43 Element Butterfly UHF Antenna	Topline ANTL43U
Topline 91 Element Butterfly UHF Antenna	ANTL91U

Topline UHF Colinear Antenna

### Topline 91 Element Butterfly UHF Antenna

Topline

ANTL91U



Topline 91 Element Wideband UHF Colinear Antenna (28 - 50)

### Specifications:

Elements:	91
Band(s):	4+
Channels:	28-50
Forward Gain:	15dB
Front-to-Back Ratio:	>22dB
Balun Type:	F Type
LTE Filter Included:	No

## UHF Yagi Antennas

### UHF Yagi Antennas :: SignalMAX

#### ANTSMUX18L

SignalMAX

ANTSMUX18L

18 Element (28-51) Yagi with PCB Balun and LTE Low Pass Filter

### SignalMAX 10 Element Band IV UHF Yagi

SignalMAX

ANTSMU410



SignalMAX 10 Element Band IV (28-40) Yagi Antenna with PCB Balun

### Specifications:

Elements:	10
Band(s):	4
Channels:	28-40
Forward Gain:	12.5dB
Front-to-Back Ratio:	>16dB
Balun Type:	PCB F Type
LTE Filter Included:	No

## SignalMAX 16 Element (28-51)

SignalMAX

ANTSMUX16L

SignalMAX 16 Element (28-51) Yagi with PCB Balun and LTE Low Pass Filter

### Specifications:

Elements:	16
Band(s):	4+
Channels:	28-51
Forward Gain:	15dB
Front-to-Back Ratio:	>19dB
Balun Type:	PCB F Type
LTE Filter Included:	Yes

## SignalMAX 20 Element UHF Yagi

SignalMAX

ANTSMUX20L



SignalMAX 20 Element (28-51) Yagi with PCB Balun and LTE Low Pass Filter

### Specifications:

Elements:	20
Band(s):	4+
Channels:	28-51
Forward Gain:	15dB
Front-to-Back Ratio:	>23dB
Balun Type:	PCB F Type
LTE Filter Included:	Yes

## UHF Yagi Antennas

### Available Models:

Topline Pro Series 13 Element UHF Yagi	Topline ANTL13UB4P
Topline Pro Series Stainless Steel 13 Element UHF Yagi	ANTL13USS
Topline Trade Value Range 13 Element UHF Yagi	ANTTL13UB4
Topline Pro Series 19 Element UHF Yagi	ANTTL19U

Yagi Antenna with PCB Balun

## Topline Pro Series Stainless Steel 13 Element UHF Yagi

Topline

ANTL13USS



Topline Pro Series Stainless Steel 13 Element UHF Yagi (28-50)

### Specifications:

Elements:	13
Band(s):	4+
Channels:	28 - 50
Forward Gain:	9-12dB
Front-to-Back Ratio:	15-22dB



**Specifications:**

<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	No

**Topline Trade Value Range 13 Element UHF Yagi**

**Topline** **ANTTL13UB4**




Topline Trade Value Range 13 Element Yagi (28-50) - Silver Boom

**Specifications:**

<b>Elements:</b>	13
<b>Band(s):</b>	4+
<b>Channels:</b>	28 - 50
<b>Forward Gain:</b>	9-12dB
<b>Front-to-Back Ratio:</b>	15-22dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	No

**Topline Pro Series 19 Element UHF Yagi**

**Topline** **ANTTL19U**



Topline Pro Series 19 Element UHF Yagi (Ch 28-50) - Black Boom

**Specifications:**

<b>Elements:</b>	19
<b>Band(s):</b>	4+
<b>Channels:</b>	28-50
<b>Forward Gain:</b>	12 - 14dB
<b>Front-to-Back Ratio:</b>	15 - 23dB
<b>Balun Type:</b>	PCB T Type
<b>LTE Filter Included:</b>	No

**UHF Phased Array Antennas**

**Available Models:** **Kingray**

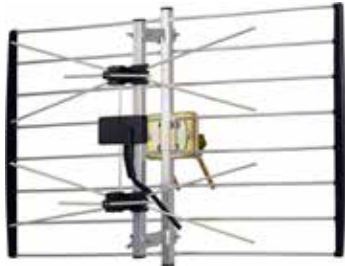
Kingray UHF Phased Array Antenna **ANTKPANEL**

Trade Value Range UHF Phased Array with PCB Balun.

**UHF Phased Array Antennas :: SignalMAX**

**SignalMAX Premium Mini UHF Phased Array Antenna**

**SignalMAX** **ANTPA1LTE**



SignalMAX Premium Mini UHF (Channels 28-51) Phased Array Antenna with PCB Balun and LTE Low Pass Filter. Supplied in Clear Poly Bag

**Specifications:**

<b>Elements:</b>	2 Director Phased Array
<b>Band(s):</b>	4+
<b>Channels:</b>	28-51
<b>Forward Gain:</b>	9 - 11dB
<b>Front-to-Back Ratio:</b>	15dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	Yes

**SignalMAX Premium UHF Phased Array Antenna**

**SignalMAX** **ANTPA2LTEGB**

SignalMAX Premium UHF Phased Array Antenna (28-51) with PCB Balun and LTE Low Pass Filter. Supplied in Brown Cardboard Gift Box

**Specifications:**

<b>Elements:</b>	Phased Array
<b>Band(s):</b>	4
<b>Channels:</b>	28-51
<b>Forward Gain:</b>	11-14.5dB
<b>Front-to-Back Ratio:</b>	16-21dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	Yes

**UHF Phased Array Antennas :: Topline**

**Topline Mini UHF Phased Array Antenna**

**Topline** **ANTLPA16BMIN**

Topline Trade Value Range 16 Element (28-50) UHF Phased Array Antenna with F Type Balun

**Specifications:**

<b>Elements:</b>	16
<b>Band(s):</b>	4+
<b>Channels:</b>	28-50
<b>Forward Gain:</b>	9 - 12dB
<b>Front-to-Back Ratio:</b>	16 - 22dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	No

**Topline Trade Value Range UHF Phased Array Antenna**

**Topline** **ANTLTENF**

Topline Trade Value Range 'Phaselink Style' UHF Phased Array Antenna (28-69) with F-Type Balun

**Specifications:**

<b>Elements:</b>	Phased Array
<b>Band(s):</b>	4 & 5
<b>Channels:</b>	21-69
<b>Forward Gain:</b>	10dB
<b>Front-to-Back Ratio:</b>	TBA
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	No

**Topline UHF Phased Array Antenna**

**Topline** **ANTLPA32B**

Topline Trade Value Range 32 Element (28-50) UHF Phased Array Antenna with PCB F Balun. Shows Vertical Polarization.

**Specifications:**

<b>Elements:</b>	32
<b>Band(s):</b>	4+
<b>Channels:</b>	28-50
<b>Forward Gain:</b>	12 - 15dB
<b>Front-to-Back Ratio:</b>	15 - 23dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	No

**Topline UHF Pro Series Phased Array Antenna**

**Topline** **ANTLPA32PMK2**




Topline UHF Pro Series Phased Array Antenna (Channels 28-51) Painted Boom Supplied In A Gift Box. Shows Vertical Polarization.

**Specifications:**

<b>Elements:</b>	32
<b>Band(s):</b>	4+
<b>Channels:</b>	28-51
<b>Forward Gain:</b>	12 - 15dB
<b>Front-to-Back Ratio:</b>	15 - 23dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	No

**Topline UHF Stainless Steel Phased Array Antenna**

**Topline** **ANTLPA32SS**



Topline Pro Series 32 Element (28-50) UHF Phased Array Antenna with PCB F Balun. Full Stainless Steel Construction Supplied In A Gift Box. Shows vertical polarization.

**Specifications:**

<b>Elements:</b>	32
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Specifications:	
<b>Band(s):</b>	4+
<b>Channels:</b>	28-51
<b>Forward Gain:</b>	12 - 15dB
<b>Front-to-Back Ratio:</b>	15 - 23dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	No

## Trade Value Range UHF Phased Array Antenna

Topline ANTTVPADBL



Trade Value Range UHF Phased Array (28-51) with F-Type LTE PCB Balun

Specifications:	
<b>Elements:</b>	Phased Array
<b>Band(s):</b>	4+
<b>Channels:</b>	28-51
<b>Forward Gain:</b>	10-14.5dB
<b>Front-to-Back Ratio:</b>	15-20dB
<b>Balun Type:</b>	PCB F Type
<b>LTE Filter Included:</b>	Yes

## UHF Log Periodic Antennas

### UHF Log Periodic Antennas :: Topline

#### Topline UHF Log Periodic Antenna

Topline ANTLLP4



Topline UHF Log Periodic Antenna optimised for channels 28-50

Specifications:	
<b>Elements:</b>	18
<b>Band(s):</b>	4+
<b>Channels:</b>	28-50
<b>Forward Gain:</b>	TBA
<b>Front-to-Back Ratio:</b>	TBA
<b>Balun Type:</b>	N/A
<b>LTE Filter Included:</b>	N/A

## DAB & FM

### SignalMAX

#### SignalMAX 3 Element FM Yagi

##### SignalMAX ANTFM3



SignalMAX 3 Element FM Antenna with F Type Balun. Supplied in a Poly Bag

Specifications:	
<b>Elements:</b>	3
<b>Band(s):</b>	FM
<b>Channels:</b>	FM
<b>Forward Gain:</b>	5dB
<b>Front-to-Back Ratio:</b>	>15dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

#### SignalMAX 5 Element FM Yagi

##### SignalMAX ANTFM5



SignalMAX 5 Element FM Antenna with F Type Balun. Supplied in a Poly Bag

Specifications:	
<b>Elements:</b>	5
<b>Band(s):</b>	FM
<b>Channels:</b>	FM
<b>Forward Gain:</b>	10dB
<b>Front-to-Back Ratio:</b>	>19.5dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

#### SignalMAX 8 Element FM Yagi

##### SignalMAX ANTFM8

SignalMAX 8 Element FM Antenna with F Type Balun. Supplied in a Poly Bag

Specifications:	
<b>Elements:</b>	8
<b>Band(s):</b>	FM
<b>Channels:</b>	FM
<b>Forward Gain:</b>	14dB
<b>Front-to-Back Ratio:</b>	>21dB
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	N/A

## Caravan & Marine

### Kingray

#### AMPPIK170FDC

##### Kingray AMPPIK170FDC



Kingray F-type power injector with cigarette lighter fitting

#### GME AE3000 Omnidirectional Boat/Caravan Antenna

##### Kingray ANTAE3000



GME AE3000 Omnidirectional Boat/Caravan Antenna with built in 20dB Amplifier

Specifications:	
<b>Elements:</b>	N/A
<b>Band(s):</b>	3-5
<b>Channels:</b>	6-69
<b>Forward Gain:</b>	N/A
<b>Front-to-Back Ratio:</b>	N/A
<b>Balun Type:</b>	N/A
<b>LTE Filter Included:</b>	NO

### Topline

#### Topline Digital TV Truck & RV Antenna

##### Topline ANTLDIGRV



Topline Digital TV Truck RV Antenna Rigid fiberglass Band 3/4/5 ,Gain 8.5db ,F/B Ratio 20db 75 Ohm Pal Plug.

Specifications:	
<b>Elements:</b>	1 (whip)
<b>Band(s):</b>	3-5
<b>Channels:</b>	6-69
<b>Forward Gain:</b>	8.5dB
<b>Front-to-Back Ratio:</b>	N/A
<b>Balun Type:</b>	F Connector
<b>LTE Filter Included:</b>	No

## Topline Wideband Caravan and RV Antenna

Topline

ANTLTENA



Topline Wideband (6-69) Caravan and RV Antenna with built in 15dB Amplifier. Supplied with 12VDC PSU. Pre assembled for quick installation

### Specifications:

<b>Elements:</b>	Phased Array
<b>Band(s):</b>	3-5
<b>Channels:</b>	6-69
<b>Forward Gain:</b>	TBA
<b>Front-to-Back Ratio:</b>	TBA
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	No

## Topline 13 Element Wideband Caravan and RV Antenna

Topline

ANTLVANP



Topline 13 Element Wideband Caravan and RV Antenna with Spring Boom

### Specifications:

<b>Elements:</b>	13
<b>Band(s):</b>	3-5
<b>Channels:</b>	28-69
<b>Forward Gain:</b>	TBA
<b>Front-to-Back Ratio:</b>	TBA
<b>Balun Type:</b>	F Type
<b>LTE Filter Included:</b>	No

## Mobile

### Siretta

ANTDELTA7B



**Siretta - DELTA 7B/x/ SMAM/S/S/11 - 31708 - Quad Band GSM/GPRS Hinged Mount Antenna with SMA male**

ANTECHO1



**Siretta - ECHO 1A/0.M/ IPEX/S/S/11 - 34542 - Quad Band GSM, ISM & 3G PCB Antenna with 100mm 0.8mm Coax Cable & IPEX Connector**

ANTMIKE1



**Siretta - MIKE 1A/2.5M/ SMAM/S/S/20 - 33530 - Quad Band GSM, 3G Stubby Magmount Antenna 3dBi Gain with 2.5M Ccable SMA male connector**

ANTMIKE2



**Siretta - MIKE 2A /3M/ SMAM/S/S/26 - 33824 - Magmount Quad Band GSM & 3G 5dBi gain with 3M RG174 SMA male connector**

ANTMIKE3



**Siretta - MIKE 3A/3M/ SMAM/S/S/17 - 33312 - Magmount with 3M cable SMA male & supplied with adhesive pad**

ANTOSCAR1



**Siretta - OSCAR1 /5M/ SMAM/S/S/13 - 33001 - GSM/GPRS/3G 2-3.15dBi Wall Mount Antenna with 5M cable SMA male**

ANTSNYPER



**Siretta - SNYPER LiveS-CAN Directional Antenna with cable - 60173**

ANTTANGO11



**Siretta - TANGO 11A/2.5M/SMAM/S/ S19 - 337761 - GSM 850/900/1800/2100MHz 3dBi Roof Screw + RG174 2.5M cable with SMA male connector**

ANTTANGO14



**Siretta - TANGO 14/3M/ SMAM/S/S/24 - 33710 - Low Profile Quad Band GSM & 3G Bolt Through Antenna with 3M RG174 cable and SMA male connector**

ANTTANGO15



**Siretta - TANGO 15/3M/ SMAM/SMAM/S/S/24 - 33716 - Low Profile Quad Band GSM/GPS & 3G Bolt Through Antenna with 2 x 3M RG174 cable and SMA male connector**

ANTTANGO19



**Siretta - TANGO 19/3M/ SMAM/SMAM/S/S/20 - 33820 - Combination GPS/GSM Quad Band Antenna 28dBi with 3M RG174 cable**

ANTTANGO20



**Siretta - TANGO 20/3M/ SMAM/SMAM/S/S/26 - 33821 - GPS Puck 28dBi Antenna with Screw Mount 3M RG174 cable and SMA male connector**

ANTTANGO21



**Siretta - TANGO 21/3M/ SMAM/SMAM/S/S/26 - 33833 - IP66 GPS alone through-hole Antenna 28dBi 3M RG178 cable and SMA male connector**

ANTTANGO420



**Siretta - IP67 2G/3G/4G & WiFi through hole mount 2.5M Low Loss Cable puck antenna. SMA male connector**

ANTTANGO44



**Siretta - IP67 2G/3G/4G & WiFi through hole mount 2.5M Low Loss Cable puck antenna. SMA male connector**

## ANTTANGO46S29



**Siretta** - Quad Band GPRS & 3G Miniature Bolt Through Antenna with 100mm cable and Ipex connector

## ANTTANGO47



**Siretta** - 4G/LTE & GPS through hole mount 2.5M Low Loss Cable puck antenna. SMA male connector

## ANTTANGO6A



**Siretta** - TANGO 6A/4M/SMAM/SMAM/S/S/20 - 33785 - Quad Band GSM GPS Shark Fin Antenna 2 X4 M CABLES SMA male GSM + SMA Male GPS

### Unbranded / Generic



**CBML**

**Unbranded / Generic** - CB 'L' Bracket S/Steel



**CBMZ**

**Unbranded / Generic** - CB 'Z' Bracket Std S/Steel - Lge Hole



**CELSMAF**

**Unbranded / Generic** - Cellular SMA Crimp Socket Suit RG58

## IP67 2G/3G/4G & WiFi antenna

**Siretta** **ANTTANGO420**



IP67 2G/3G/4G & WiFi through hole mount 2.5M Low Loss Cable puck antenna. SMA male connector

## IP67 2G/3G/4G & WiFi antenna

**Siretta** **ANTTANGO44**



IP67 2G/3G/4G & WiFi through hole mount 2.5M Low Loss Cable puck antenna. SMA male connector

## LTE/4G & GPS puck antenna

**Siretta** **ANTTANGO47**



4G/LTE & GPS through hole mount 2.5M Low Loss Cable puck antenna. SMA male connector

## VAST Satellite Decoders

### Altech UEC

## PVR-Ready VAST TV Satellite Decoder

**Altech UEC** **SATPVR4121RV**



Altech UEC DSD4121RV PVR-Ready MPEG 2/4 High Definition Satellite DSTB. VAST Certified

### HUMAX

## Humax Twin Tuner PVR

**HUMAX** **HDR1003S1TB**



Humax Twin Tuner PVR with 1TB Hard Drive - VAST Certified

## HDR1003S500

**HUMAX** **HDR1003S500**

Humax Twin Tuner PVR with 500GB Hard Drive - VAST Certified

## Humax Robust VAST Satellite Receiver

**HUMAX** **HDR1003SNO**



Humax Robust VAST Certified Twin Tuner PVR Ready DSTB

### Specifications

<b>Flash Memory</b>	128 MB
<b>DDR SDRAM</b>	512 MB (128MB * 4ea)
<b>HDD</b>	none
<b>Tuner Type</b>	Satellite
<b>Input Connector</b>	F-Type, IEC 169-24, Female, 1 x Input (w/loop through)
<b>Demodulation</b>	DVB-S2 ( QPSK & 8PSK )
<b>Video Resolution</b>	
<b>Graphics</b>	32bpp with 256 alpha blending
<b>Audio Decoding</b>	Dolby Digital, Dolby Digital Plus
<b>Audio Mode</b>	Single/Dual Mono/Stereo/ Joint Stereo
<b>Display</b>	VFD (12 digits)
<b>Buttons</b>	6 touch keys (Power, Vol+/-, Ch+/-, Reset)
<b>LED</b>	2 color (White for stand-by, Red for Recording)
<b>S/PDIF</b>	1 x Optical output
<b>HDMI</b>	1 x HDMI 1.4a with HDCP
<b>USB</b>	1 x USB 2.0
<b>Ethernet</b>	1 x RJ-45
<b>Tuner</b>	1 x LNB Input (w/loop through)
<b>Composite Video</b>	1 x RCA CVBS
<b>Component Video</b>	1 X Component Video (YPbPr)
<b>AUDIO L/R</b>	2 X RCA Audio (Left and Right)
<b>Input Voltage</b>	AC 100-240 volts, 50/ 60H
<b>Power Consumption</b>	Operation: Max. 39W Standby: Under 0.5W
<b>Type</b>	Switching Mode Power Supply
<b>Size (Width x Height x Depth)</b>	360 x 50 x 248 (mm)
<b>Weight (Net)</b>	2Kg

### Satking

## SATSK980CA

**Satking** **SATSK980CA**



VAST Certified DVBS2-980CA 12VDC/240VAC PVR Ready Satellite Decoder Plus Learning remote Control

Specifications	
<b>System</b>	
<b>CPU</b>	STIH239
<b>Processor</b>	650MHz
<b>Flash memory</b>	16MB (NOR) +128MB (NAND)
<b>DDR</b>	512MB DDR2 & DDR3
<b>EEPROM</b>	32 kbyte
<b>Tuner</b>	
<b>Standard</b>	DVBS-EN300421, DVBS2-EN302307
<b>Input Frequency</b>	950 ~ 2150 MHz
<b>RF Input Level</b>	-65~-25dBm
<b>Symbol Rates DVBS</b>	1-45,000
<b>Symbol Rates DVBS2</b>	1-45,000
<b>Demodulation</b>	QPSK, 8PSK
<b>FEC Mode QPSK</b>	DVBS 1/2, 2/3, 3/4, 5/6, 7/8
<b>FEC Mode 8PSK</b>	DVBS2 1/2, 2/3, 3/4, 3/5, 4/5, 5/6, 8/9, 9/10
<b>LNB Power</b>	13V Vertical, 18V Horizontal, Off, 500mA Max
<b>LNB Presets</b>	10700, 10750, 11300, 9750/10600, User Define
<b>22kHz Tone</b>	22KHz +/- 2KHz
<b>DiSeqC</b>	Versions 1.0/1.2
<b>Video Decoding</b>	
<b>Decoding</b>	MPEG-2 MP@ML, MP@HL HD, MPEG4 H.264/AVC HD
<b>Video Format</b>	Pal B/G
<b>Aspect</b>	16:9, 4:3
<b>Video resolution</b>	576i, 576p, 720p, 1080i, 1080p
<b>Audio Decoder</b>	
<b>Standard</b>	ISO/IEC 13818-3
<b>Decoding</b>	MPEG-1 Layer I&II, Dolby AC3, MPEG4-HE-AAC V2
<b>Output mode</b>	Stereo, Mono, Left, Right
<b>Output Impedance</b>	Low
<b>Sampling frequency</b>	32,44.1, 48KHz
<b>Output Levels</b>	32 Levels
<b>Encryption</b>	
<b>IrdeTo Version</b>	Secure Silicon 3.2HL
<b>CAS</b>	Version 3
<b>Smart Card</b>	ISO 7816
<b>Software Upgrade</b>	Over The Air & USB
<b>Data Output</b>	
<b>IP Data</b>	EN-301 192-7, Supported Via RJ-45
<b>Low Speed Data</b>	Supported Via RS-232
<b>Freeview Plus</b>	
<b>DRM</b>	Playready
<b>Version</b>	HbbTV 1.5
<b>Media Player</b>	
<b>Video File Formats</b>	AVI, DIVX, MOV, FLV, MKV, MP4
<b>Picture File Formats</b>	JPEG, PNG
<b>Audio File Formats</b>	MP3, ACC
<b>Connections</b>	
<b>Satellite Input</b>	2x F Type Female 75Ω
<b>Loop Output</b>	2x F Type Female 75Ω
<b>HDMI</b>	1x 1.4B
<b>YPbPr</b>	3x RCA
<b>AV Out</b>	3x RCA
<b>Digital Audio</b>	1x Optical S/PDIF, 1x Coaxial

Specifications	
<b>USB</b>	2x USB 2.0A Type 500mA Max
<b>Ethernet</b>	1x RJ-45
<b>IR Extension</b>	1x 3.5mm Jack
<b>DC Input</b>	1x 2.1mm Jack
<b>Data</b>	1x RS232 9 Pin Din
<b>Power</b>	
<b>Input Voltage</b>	8-16VDC
<b>Consumption</b>	10W Max
<b>Physical</b>	
<b>Dimensions</b>	230x163x43mm
<b>Weight</b>	650grams
<b>Temperature Range</b>	0-50 °C
<b>Accessories</b>	
<b>Remote</b>	1x Remote with Learning Functions
<b>Power Pack</b>	1x 12VDC 2Amp
<b>User Manual</b>	1x A5
<b>Batteries</b>	2x 1.5VDC
<b>UAV Cable</b>	1x 3 RCA to RCA Video & Audio

## VAST Satellite TV's

### Altech UEC

#### VAST Certified 22"integrated LED/LCD FHD TV

Altech UEC UECTV22



Altech UEC VAST Certified 22"integrated LED/LCD FHD TV includes a VAST satellite tuner and Digital TV tuner. It is also equipped with 2 X HDMI, VGA, component video, composite video and coaxial audio connectors.

## RCU & Accessories

### Altech UEC

#### PSU96004121

Altech UEC PSU96004121

Power Supply Unit For UEC4121, 9600 12VDC - 4 Amps

## Power Supply Units

### Power Supply Units :: Altech UEC

#### Internal Power Supply Board

Altech UEC PSU4121INTER

Internal Power Supply Board for the Altech UEC DSD4121 VAST Satellite Decoder

### Power Supply Units :: Satking

#### 12 Volt "Cigarette Lighter"

Satking SAT6601



12 Volt "Cigarette Lighter" Cable Suitable for the VAST SatKing Receiver. 1250mm Long

#### UEC Remote Control Units

Available Models:	Altech UEC
Altech UEC Remote Control Unit	RCU22TV32
Altech UEC 4121 PVR Upgrade Kit	RCU4121KIT
UEC Remote Control	RCU4UECSAT

Altech UEC Remote Control Units

#### Altech UEC 4121 PVR Upgrade Kit

Altech UEC RCU4121KIT

Altech UEC 4121 PVR Upgrade Kit including RCU, Manual and Upgrade Key Scratch Card

#### UEC Remote Control

Altech UEC RCU4UECSAT



Altech UEC 4121 VAST Satellite Set-top Remote. For use with the Altech UEC 4121, 4121 RV, 4121 PVR RV, 4639 PVR & DSD4921RV

## Remote Controls :: HUMAX

Humax Remote Control Unit

HUMAX RCUHMXVAST



Remote Control Unit for the HUMAX VAST Certified Range

## Accessories

### Accessories ::

Infra Red Kit USB Powered

IREUSB



Infra Red Kit USB Powered (3m) Lead.

### Accessories :: HUMAX

Humax Twin Tuner PVR Ready Decoder Cradle

HUMAX HDCRADLE

Cradle to hold 2.5" HDD for insertion into the Humax Twin Tuner PVR Ready Decoder

### Accessories :: Satking

IR Sensors for the Satking

Satking IR15M



IR sensors for the Satking VAST Satellite Set Top (1.5m)

IR Sensors for the Satking

Satking IR3M



IR Sensors for the Satking VAST STB (3m Long)

### Accessories :: Unbranded / Generic

10 Channel Multi Service CAM and Smartcard

Unbranded / Generic SATCAMVAST



VAST 10 Channel Multi Service CAM and Smartcard

## Satellite

## Dishes

## C-Band Prime Focus

### C-Band Prime Focus :: Jonsa

Jonsa 120cm Offset Satellite Dish

Jonsa SATDSH12JE



Jonsa 120cm Offset Satellite Dish - Foxtel Approved

Jonsa 150cm Offset Satellite Dish

Jonsa SATDSH15JE



Jonsa 150cm Offset Satellite Dish - Foxtel Approved

### C-Band Prime Focus :: SignalMAX

SignalMAX 100cm Offset Dish

SignalMAX SATDSH1M



SignalMAX 100cm Offset Dish with Stainless Steel Nuts and Bolts (3 Arms)

## Ku-Band Offset

### Ku-Band Offset :: Jonsa

Jonsa 65cm Offset Satellite Dish

Jonsa SATDSH65JE



Jonsa 65cm Offset Satellite Dish - Foxtel Approved (Domestic)

Jonsa 85cm Offset Satellite Dish

Jonsa SATDSH85JEB



Jonsa 85cm Offset Satellite Dish - Foxtel Approved

## Jonsa 90cm Offset Satellite Dish

Jonsa

SATDSH90JS



Jonsa 90cm Offset Satellite Dish - Foxtel Approved. 90cm. Individually Boxed

## Ku-Band Offset :: MiniMax

### 75cm Caravan Dish With LNBF And Bag Only.

MiniMax

SATDSH75

75cm Caravan Dish In Carry Case with 10.7 LNBF. To Be Mounted On A Tripod Stand (Not Supplied with Compass or Satfinder And A Tripod Stand)

## Ku-Band Offset :: SignalMAX

### SignalMAX 65cm Offset Dish

SignalMAX

SATDSH65S

SignalMAX 65cm Offset Dish with Stainless Steel Nuts and Bolts (Single Arm)

#### Specifications

Antenna Size	65cm
Horizontal Axis	65cm
Vertical Axis	74cm
LNB Mount	Single Arm
Reflector Optics	Offset
Offset Angle	28
Aperture Efficiency	80%
Gain @ 12.5 GHz	37.6dB
Focal Length	32.5cm
F/D Ratio	0.5
Mount Type	AZ/EL
Elevation Alignment	15-65
Pole Diameter	30-50mm
Operational wind speed	90 KM/H
Survival Wind Speed	180 KM/H

### SignalMAX 80cm Offset Dish

SignalMAX

SATDSH80CUT

SignalMAX 80cm Offset Dish with Stainless Steel Nuts and Bolts & Easy to Remove Single Arm

## SignalMAX 80cm Offset Dish

SignalMAX

SATDSH80S



SignalMAX 80cm Offset Dish with Stainless Steel Nuts and Bolts (Single Arm)

## SignalMAX 83cm Offset Dish

SignalMAX

SATDSH83S

SignalMAX 83cm Offset Dish with Stainless Steel Nuts and Bolts (Single Arm)

#### Specifications

Antenna Size	83cm
Horizontal Axis	81.2cm
Vertical Axis	92cm
LNB Mount	Single Arm
Reflector Optics	Offset
Offset Angle	26.6
Aperture Efficiency	80%
Gain @ 12.5 GHz	39.8dB
Focal Length	40.6cm
F/D Ratio	0.5
Mount Type	AZ/EL
Elevation Alignment	15-65
Pole Diameter	30-50mm
Operational wind speed	90 KM/H
Survival Wind Speed	180 KM/H

## SignalMAX 90cm Offset Dish

SignalMAX

SATDSH90T



SignalMAX 90cm Offset Dish with Stainless Steel Nuts and Bolts (Three Arm)

## Motorised

### Motorised :: Unbranded / Generic

#### Mesh Satellite Dish with Polar Mount

Unbranded / Generic

SATDSH2M4



7.5' (2.3m) Mesh Satellite Dish with Polar Mount - Suits a 76mm Pole

#### Mesh Satellite Dish with Polar Mount

Unbranded / Generic

SATDSH3M0



10' (3.0m) Mesh Satellite Dish with Polar Mount - Suits a 76mm pole

## Folding/Portable

### Folding/Portable :: Satking

#### Fully Automatic Motorised Satellite TV Dish System

Satking

SATDSHORBIT



Satking Orbit 85cm Automatic Satellite TV Dish System

#### Specifications

Dish Size	3 & 4 (Ch 6-50)
LNB Outputs	85CM
GAIN	8dB
F/B RATIO	Dual Output
Product Weight	13.8kgs
GPS	24 Channel
Operating Temperature Range	-20° - +60°
Polarization	Horizontal/Vertical

Specifications	
Skew	Automatic -60° - +60°
LNB L.O. Frequency	10700 Wideband
Tuner Type	MPEG2, MPEG4
Elevation	0°-145°
Azimuth	390°
Searching Time	80 Seconds (Average)
Product Colour	White
Product Dimensions	86.0w x 91.0L cm
Input Voltage	DC 12 Volts (Voltage Range 10.5-16V)
Consumption	60 Watts in Search Mode - 4W Standby Mode

## Fully Automatic Motorised Satellite TV Dish System

Satking **SATDHPROMAX**



Satking Pro Max Fully Automatic Motorised Satellite TV Dish System

## Dish Mounts

### Digitek

#### Tile Roof Gutter Mount One Arm

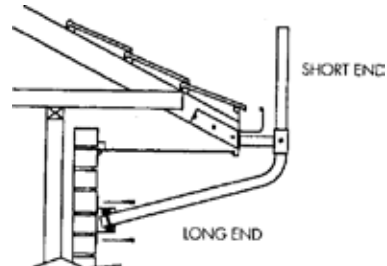
Digitek **SATMNTSM11**



Tile Roof Gutter Mount One Arm

#### Satellite Fascia/Wall Mount

Digitek **SATMTFACIA**



Satellite Fascia/Wall Mount (44mm Pipe)

### Jonsa Roof Mounts

Available Models: Jonsa

Jonsa Tin Roof Mount	SATMTSBS1
Jonsa SBS12 Wall Mount	SATMTSBS12
Jonsa Tin Roof Mount for Metal Battens	SATMTSBS16
Jonsa Tin Roof Mount	SATMTSBS18
Jonsa Tile Roof Mount for SDJ90C1	SATMTSBS19

Jonsa Tin and Tile Roof Mounts

#### Jonsa SBS12 Wall Mount

Jonsa **SATMTSBS12**



Jonsa SBS12 Wall Mount for SDJ90C1 Dish - Foxtel Approved - F10408

#### Jonsa Tin Roof Mount for Metal Battens

Jonsa **SATMTSBS16**



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Jonsa Tin Roof Mount for Metal Battens - Extended Vertical Surface For Use With the SBS1 & SBS18 - Foxtel Approved

#### Jonsa Tin Roof Mount

Jonsa **SATMTSBS18**



Jonsa Tin Roof Mount 50mm Pipe Diameter for SDJ90C1

### Jonsa Tile Roof Mount for SDJ90C1

Jonsa **SATMTSBS19**



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Jonsa Tile Roof Mount 50mm Pipe Diameter for SDJ90C1 - Foxtel Approved F10405

#### Jonsa SBS17 Wall Mount

Jonsa **SATMTSBS17**



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Jonsa SBS17 Wall Mount for 85cm Dishes - Foxtel Approved - F10401

## Topline

#### Topline Iron Roof Satellite Mount

Topline **SATMRI**



Topline Iron Roof Satellite Mount 50mm

#### Satellite Iron Roof Mount

Topline **SATMTMRI45**



Topline Satellite Iron Roof Flexi Mount 45mm

#### Topline Satellite Flush Wall Mount

Topline **SATMWFLUSH**



Topline Satellite Flush Wall Mount Bracket To Suit 89mm

## Unbranded / Generic

Heavy Duty Tin Roof Mount

Unbranded / Generic

SATMTSKYB

Heavy Duty Tin Roof Mount for 120cm Dish - Pipe Size 76mm

## Universal Mount

### Universal Mount :: Topline

Topline Satellite Universal Mount

Topline

SATMWU



Topline Satellite Universal Mount  
The Staybars are 1.2m long and the Mast is 1M Long.

## Portable Dish Mounts

### Portable Dish Mounts :: SignalMAX

SignalMAX Portable Folding Tripod Mount

SignalMAX

SATMTFLTRI



SignalMAX Portable Folding Tripod Mount for 65-90cm Satellite Dishes

## Portable Dish Mounts :: Topline

Portable Satellite Ground Folding Tripod Mount

Topline

SATMTG



Topline Portable Satellite Ground Folding Tripod Mount for 65-90cm Satellite Dishes

## Specialised Dish Mounts

### Specialised Dish Mounts :: Digitek

Ezy Gutter Mount

Digitek

SATMNTG600



Ezy Gutter Mount 600mm 2 Arm

## Dish Accessories

### SignalMAX

Black Carry Bag for tripod

SignalMAX

SATCARFMT



Black Carry Bag to Fit Satellite Folding Tripod Mount

Black Carry Bag for dish

SignalMAX

SATCARRBAG



Black Carry Bag to Fit 80cm & 83cm Dish Size: 85\*77\*22cm  
Fabric:600\*600d polyester

Removable Satellite Dish Arm

SignalMAX

SATDSHAR80



Removable Satellite Dish Arm cut for a SignalMAX 80cm Offset Dish. Comes with Bracket and 8 Stainless Steel Wing Nuts

Removable Satellite Dish Arm

SignalMAX

SATDSHAR83



Removable Satellite Dish Arm cut for a SignalMAX 83cm Offset Dish. Comes with Bracket and 8 Stainless Steel Wing Nuts

## Unbranded / Generic

DiSEqC Switch

Unbranded / Generic

SATSWICDS2



DiSEqC Switch 2x1 (Two Dishes In to One Receiver Out)

## LNB & LNB's

### SATLNBF13

SATLNBF13

Single Output 11.3 Offset LNB .5dB 3014

### LNB'S

Available Models: Acer  
 Dual Output 10.7 Offset LNB SATLNBFACD  
 Quad Output 10.7 Offset LNB SATLNBFACQ

Offset LNB'S

### Quad Output 10.7 Offset LNB

Acer SATLNBFACQ

Acer Quad Output 10.7 Offset LNB - Foxtel Approved

## Ku-Band Offset :: Satking

### Satellite KU Band 11.3GHz Offset LNB

Satking SATLNBF3003A



SatKing KU Band 11.3GHz Offset LNB

### KU Band Single Output 10.7 GHz Offset LNB

Satking SATLNBF13



SatKing KU Band Single Output 10.7 GHz Offset LNB

### KU Band Twin Output 10.7 Offset LNB

Satking SATLNBF13



### Satking KU Band Twin Output 10.7 Offset LNB

### KU Band Quad Output 10.7 Offset LNB

Satking SATLNBFQSK

### Satking KU Band Quad Output 10.7 GHz Offset LNB

## Ku-Band Offset :: SignalMAX

### KU Band Single Output 10.7GHz Offset LNB

SignalMAX SATLNBFVAST



SignalMAX KU Band Single Output 10.7GHz Offset LNB

## Ku-Band Prime

### Ku-Band Prime :: Satking

### SatKing KU Band Single Output

Satking SATLNBF107



SatKing KU Band Single Output 10.7 GHz Prime Focus LNB

## C-Band

### C-Band :: Star

### 15 Degree C Band LNB

Star SATLNBFSTARC



Star 15 Degree C Band LNB 14/18V Switching

## C-Band :: Zinwell

### Zinwell 15 Degree C Band LNB

Zinwell SATLNBFZ15



Zinwell 15 Degree C Band LNB. 14/18V Switching

## Feed Horns & Accessories

### SignalMAX

### Feedhorn Clamp

SignalMAX SATFHKUOS



Feedhorn Clamp for SignalMAX Offset Satellite Dishes

### Unbranded / Generic

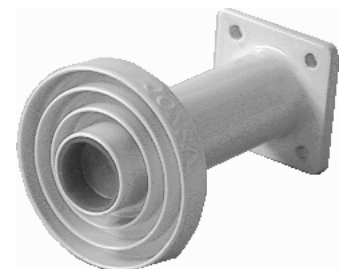
### Dielectric White HDPE

Unbranded / Generic SATDIETRIC

Dielectric White HDPE 60x53x6mm - For use with Zinwell C-Band LNB

### Ku Band Feedhorn

Unbranded / Generic SATFHKU106



Ku Band Feedhorn

## Feedhorn Mounting Bracket

Unbranded / Generic

SATFHMR65



Wide Throat 3 Arm Feedhorn Mounting Bracket

## Feed Horn Mounting Bracket

Unbranded / Generic

SATFHMR65

Feed Horn Mounting Bracket to Mount a C Band LNB on an Offset Satellite Dish

## Dish Pointing Tools

Unbranded / Generic

## Magnetic Angle Finder

Unbranded / Generic

SATANGFMAG



Magnetic Angle Finder 4-1/8" Diameter

## Compass Military

Unbranded / Generic

SATCOMPASML



Compass Military

## SF 3239 Digital Satellite Finder

Unbranded / Generic

FSMSF3239



SF 3239 Digital Satellite Finder

## DSTB

## Terrestrial

## Healing

## Digital Set Top

Healing

STBHHT651



Digital Terrestrial Set Top - Healing HHT651 MPEG4

## Strong

## SRT5434

Strong

SRT5434



Strong Terrestrial MPEG-4 Digital Television Receiver With Record Function Via External USB. SRT5434

### Specifications

<b>Audio</b>	Coaxial digital audio output/ SPDIF
<b>Audio L/R</b>	RCA/Cinch, Volume and Mute control/
<b>USB</b>	USB 2.0 Host (USB Port x 1 Front Panel), A-type
<b>Dimensions</b>	W150 x D90 x H30mm (D110mm with connections)
<b>Weight</b>	0.15Kgs (15grams)

### Specifications

<b>Hard Disk - Not Supplied</b>	Not supplied, Will support 1 TB External USB Hard Disk Drive: NTFS or Fat32 File system
<b>Aspect Ratio</b>	4:3, 16:9
<b>Audio Decoding</b>	MPEG-2 Layer I & II (Music Cam), MPEG4 AAC and MPEG4 AAC-HE (AAC+), Dolby Digital (AC-3) with bit rates up to 640K bits/s, LPCM up to 48KHz, MP3
<b>Audio Mode</b>	Stereo/Joint Stereo/Mono
<b>Profile Level</b>	MPEG-1/2 MP@ML, H.264 DivX & MPEG4
<b>Video Formats</b>	JPEG, BMP, PNG, AVI, MKV, MP4, OGG, TS, TP, TRP, MPG, XVID
<b>Video Resolution</b>	576i, 576p, 480i, 480p, 720p60, 1080i, 1080p
<b>Transport Stream</b>	MPEG-2 ISO/IEC 13818-1
<b>Video</b>	RCA/Cinch, Video Outputs (CVBS) @576i OR 480i, HDMI 1.3(High Definition Multimedia Interface) SUPPORT HDCP
<b>Input voltage</b>	AC100~240V (Detachable)
<b>Power Consumption</b>	Standby 1W, on mode Max 6W (without DVR)
<b>Carrier Mode</b>	1k,2k,4k,8k,16k,32k mode
<b>Code Rate</b>	1/2,3/5,2/3,3/4,4/5,5/6
<b>Frequency Range</b>	177.5-226.5MHz (VHF) BW=7MHz   474-8585MHz (UHF) BW=8MHz
<b>Guard Interval Modes</b>	1/4,1/8,1/16,1/32,1/128
<b>IF Bandwidth</b>	7 MHz
<b>Input Impedance</b>	75 Ω

## Terrestrial PVR's

## Altech UEC

## Altech UEC 9600Q Terrestrial PVR

Altech UEC

UEC9600Q



Altech UEC 9600Q Terrestrial PVR - Twin-Tuner (Quad Stream) PVR with 500GB Hard Drive Built In

## FTA Satellite Decoders

### Magix

#### Remote Control Unit for Magix

Magix **RCUMAGIX100**



Remote Control Unit for Magix 100 HD FTA Satellite Receiver

#### Magix 100HD Satellite Receiver

Magix **SATMAGIX10**



Magix 100HD Satellite Receiver

## VAST Satellite Decoders

### Altech UEC

#### Altech UEC DSD4921RV VAST

Altech UEC **SATDSD4921RV**

Altech UEC DSD4921RV VAST Certified Dual Tuner PVR Ready Receiver

#### Altech UEC PVR DT4921RV VAST

Altech UEC **SATPVR4921RV500**

UEC 4921RV500 VAST Certified Dual Tuner PVR Ready Receiver

## DSTB Accessories

### HUMAX

#### Remote Control Unit for HUMAX

HUMAX **RCUHUMAX75**



Remote Control Unit for the HUMAX 7500T Terrestrial PVR

#### Humax W-LAN Stick

HUMAX **WLANSTICK**



Humax W-LAN Stick for Humax VAST and Terrestrial PVR's

## Satking

#### Remote Control Unit for Satking

Satking **RCUSKV800**



Remote Control Unit for Satking VAST Satellite Receiver

## Mounting

### TV Antenna Roof Mounts

#### Digitek

**MSTEA11KL**



Digitek - Galvanised 11" (280mm) Eave Mount Including Zinc Plate U/ Bolt

**MSTSMT**



Digitek - Galvanised Strammit Mount Kit with mast base foot and 2 staybars with feet (mast supplied separately). Bolts and U-Bolts Zinc

**MSTSTRMFT**



Digitek - Galvanised Strammit Mast Base Foot (Bolts Zinc Plated)

**MSTSTRSBF**

Digitek - Strammit Mount Staybar Foot, 35mm Wide Base used to attach staybars to strammit (clip lock) roof

## SignalMAX

**MSTARMI**



SignalMAX - Galvanised Iron Roof Ridge Mount with Zinc Plated U-Bolt

**MSTARMT**



SignalMAX - Galvanised Tile Roof Ridge Mount with Zinc Plated U-Bolt

**MSTEA27**



SignalMAX - Galvanised SignalMAX 27" Wall Bracket/Eave Mount (690mm x 25mm 1.2mm gauge)

**MSTEA40SM**



SignalMAX - Galvanised SignalMAX 40" Wall Bracket/Eave Mount (1020mm x 25mm 1.2mm gauge)

**MSTLARM**




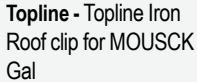
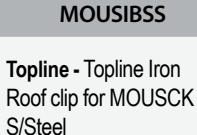

















SignalMAX - Galvanised SignalMAX Light Angled Roof Mount with U-Bolt Included






**MSTTRIPODSM**






















SignalMAX - SignalMax Galvanised Iron Roof Tripod comes with a Galvabond 1.2m (Length) x 24mm (Diameter) 1.2mm gauge pole with plastic end cap










Topline	
	<b>MOUGTTG</b> Topline - Mount Gutter Galvanized
	<b>MOURAFTER1</b> Topline - Mount Rafter 1"
	<b>MOURAFTHD</b> Topline - Mount Rafter L/H 1.25" (1.8m x 32mm Dia.)
	<b>MOUSIB</b> Topline - Topline Iron Roof clip for MOUSCK Gal
	<b>MOUSIBSS</b> Topline - Topline Iron Roof clip for MOUSCK S/Steel
	<b>MOUVBP</b> Topline - MOUVBP Mounting Kit
	<b>MOUWF</b> Topline - Mount Wall Flush Bracket
	<b>MSTEA40BKG</b> Topline - 40" Wall Bracket /Eave Mount 1020 x 25mm 1.2mm gauge FLAT PLATE Type GAL.
	<b>MSTLARMTL</b> Topline - Galvanized Topline Trade Value Range Light Angled Roof Mount with U-Bolt Included
	<b>MSTMOURD</b> Topline - Topline Mount Roof - Deck / Strammit Feet Size is 35mm
	<b>MSTMOURDL</b> Topline - Topline Roof Deck Mount 50mm feet

	<b>MSTMOUSCK</b> Topline - Non Piecing Tile roof Mount With 4" Mast Stayed Cement Kit
	<b>MSTMOUVMB18</b> Topline - Mount - 18" Vertical Mounting Bar
	<b>MSTMOUW4</b> Topline - Mount Wall 4" (110mm High)
	<b>MSTSM20V</b> Topline - 20" (510mm) 25mm Galvabond Pipe Vertical Standoff Mount with Zinc Plated U-Bolt & V-Block
Unbranded / Generic	
	<b>MOURL</b> Unbranded / Generic - Mount Roof Lead Tile Flashing Kit
	<b>MSTFWM</b> Unbranded / Generic - Zinc Plate Flat Wall Mount with U-Bolt and V-Block
Tin Tripod	
Tin Tripod :: Topline	
	<b>MSTMOUTPI</b> Topline - Topline Galvanized Tripod Iron Roof Mount supplied with 4" x 1" Galvabond Mast
	<b>MSTTRIPSS</b> Topline - Topline Iron Roof Tripod (304 Stainless Steel) with Stainless Steel Mast
Tin Tripod :: Unbranded / Generic	
	<b>MSTTRMIRONB</b> Unbranded / Generic - Carbon Black Iron Roof Tripod comes with a Galvabond 1.2m (Length) 1.2mm gauge pole with plastic end cap

	<b>MSTTRMIRONGR</b> Unbranded / Generic - Grey Iron Roof Tripod comes with a Galvabond 1.2m (Length) 1.2mm gauge pole with plastic end cap
Tile Tripod	
Tile Tripod :: SignalMAX	
	<b>MSTTRIPTSMM</b> SignalMAX - SignalMax Galvanized Tile Roof Tripod comes with a Galvabond 1.2m (Length) x 24mm (Diameter) 1.2mm gauge pole with plastic end cap
Tile Tripod :: Topline	
	<b>MOUTPTSS</b> Topline - Topline Tile Roof Tripod Stainless Steel
	<b>MSTMOUTPT</b> Topline - Topline Galvanized Tripod Tile Roof Mount supplied with 4" x 1" Galvabond Mast
Tile Tripod :: Unbranded / Generic	
	<b>MSTTRMTILEB</b> Unbranded / Generic - Carbon Black Tile Roof Tripod comes with a Galvabond 1.2m (Length) 1.2mm gauge pole with plastic end cap
	<b>MSTTRMTILEGR</b> Unbranded / Generic - Grey Tile Roof Tripod comes with a Galvabond 1.2m (Length) 1.2mm gauge pole with plastic end cap
Tin Strammit	
Tin Strammit :: Digitek	
	<b>MSTSTRGFT</b> Digitek - Galvanized Strammit Guy Foot (Bolts Zinc Plated)
Fascia Mounts	

Digitek	
	<b>MST4BCFB12</b> <b>Digitek</b> - Galvanised Digitek Curved Fascia Mount 4' (1.2m) with Flat Base
	<b>MST515BCFB</b> <b>Digitek</b> - Bent Fascia Mount 5' . 55" (1.5m long) x 1.2mm Wall Gal. Flat Plate BK
SignalMAX	
	<b>MST4FMOUNT</b> <b>SignalMAX</b> - Galvanised SignalMAX Curved Fascia Mount 4' (1.2m)
	<b>MST4VMOUNT</b> <b>SignalMAX</b> - Vertical - Galvanised SignalMAX Curved Fascia Mount 4' (1.2m)
	<b>MST5FMOUNT</b> <b>SignalMAX</b> - Galvanised SignalMAX Curved Fascia Mount 5' (1.5m)
	<b>MST5VMOUNT</b> <b>SignalMAX</b> - Vertical - Galvanised SignalMAX Curved Fascia Mount 5' (1.5m)
	<b>MST6FMOUNT</b> <b>SignalMAX</b> - Galvanised SignalMAX Curved Fascia Mount 6' (1.8m)
	<b>MST9FMOUNT</b> <b>SignalMAX</b> - Galvanised SignalMAX Curved Fascia Mount 9' (2.7m)
Topline	
	<b>MOUCFMF</b> <b>Topline</b> - Topline Metal Fascia Mount
	<b>MSTMOUCFB40</b> <b>Topline</b> - Bent Fascia Mount 4' or 40" (1.2m) x 25 x 1.2mm Wall GAL. With Flat Plate







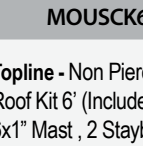
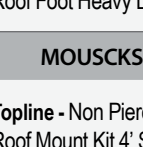

	<b>MSTMOUCFB55</b> <b>Topline</b> - Bent Fascia Mount 5' . 55" (1.5m long) x 25mm x 1.2mm Wall Gal. Flat Plate
	<b>MSTMOUCFB72</b> <b>Topline</b> - Bent Fascia Mount 6' . 72" (1.8m long) x 25mm x 1.2mm Wall Gal. Flat Plate
Unbranded / Generic	
	<b>MSTFGB</b> <b>Unbranded / Generic</b> - Fascia Guying Bracket
TV Antenna Masts	
Digitek	
	<b>MST6X1FLAT</b> <b>Digitek</b> - Galvabond 6' x 1" (1.8m x 25mm) Mast with flat end to suit Under Tile Mount (MSTSMT)
	<b>MST8X1FLAT</b> <b>Digitek</b> - Galvabond 8' x 1" (4.4m x 25mm) Mast with flat end to suit Under Tile Mount (MSTSMT)
SignalMAX	
	<b>MST10X1</b> <b>SignalMAX</b> - Galvabond 10' x 1" (3.0m x 25mm) Mast (1.2mm Wall Thickness)
	<b>MST10X112</b> <b>SignalMAX</b> - Galvabond 10' x 1 1/2" (3.0m x 38mm) Mast (1.2mm Wall Thickness)
	<b>MST10X114</b> <b>SignalMAX</b> - Galvabond 10' x 1 1/4" (3.0m x 32mm) Mast (1.2mm Wall Thickness)
	<b>MST12X1</b> <b>SignalMAX</b> - Galvabond 12' x 1" (3.73m x 25mm) Mast (1.2mm Wall Thickness)

	<b>MST15FCM</b> <b>SignalMAX</b> - Galvabond 15' (4.5m) 3 Piece Caravan Telescopic Mast. Collars and L-Bolts Zinc Plated
	<b>MST15X112</b> <b>SignalMAX</b> - Galvabond 15' x 1 1/2" (4.5m x 38mm) Mast (1.2mm Wall Thickness)
	<b>MST15X114</b> <b>SignalMAX</b> - Galvabond 15' x 1 1/4" (4.5m x 32mm) Mast (1.2mm Wall Thickness)
	<b>MST20TELO</b> <b>SignalMAX</b> - Galvabond 20' (6m) Telomast Including Zinc Plated Accessory Pack
	<b>MST20X112</b> <b>SignalMAX</b> - Galvabond 20' x 1 1/2" (6m x 38mm) Mast (1.2mm Wall Thickness)
	<b>MST30TELO</b> <b>SignalMAX</b> - Galvabond 30' (9m) Telomast Including Zinc Plated Accessory Pack
	<b>MST40TELO</b> <b>SignalMAX</b> - Galvabond 40' (12m) Telomast Including Zinc Plated Accessory Pack
	<b>MST4X1</b> <b>SignalMAX</b> - Galvabond 4' x 1" (1.2m x 25mm) Mast (1.2mm Wall Thickness)
	<b>MST50TELO</b> <b>SignalMAX</b> - Galvabond 50' (15m) Telomast Including Zinc Plated Accessory Pack

	<b>MST6X1</b>
	<b>SignalMAX</b> - Galvabond 6' x 1" (1.8m x 25mm) Mast (1.2mm Wall Thickness)
	<b>MST8X1</b>
	<b>SignalMAX</b> - Galvabond 8' x 1" (2.4m x 25mm) Mast (1.2mm Wall Thickness)
<b>Topline</b>	
	<b>MASTA30</b>
	<b>Topline</b> - Mast Telo Acc Pack 30'
	<b>MASTA50</b>
	<b>Topline</b> - Mast Telo Acc Pack 50'
	<b>MASV8</b>
	<b>Topline</b> - Mast Caravan Telo 8-16'
	<b>MST10ALUM</b>
	<b>Topline</b> - Topline 3m (10') 6'-12' 2 Piece Telescopic Aluminium Portable Mast
	<b>MST11X15</b>
	<b>Topline</b> - Galvabond Tube 11' x 1 1/2" (3.0m x 38mm) Mast (1.2mm Wall Thickness)
	<b>MSTMAS11</b>
	<b>Topline</b> - Galvabond Tube 11' x 1 1/4" (3.3m x 32mm) Mast (1.2mm Wall Thickness)
	<b>MSTMASA</b>
	<b>Topline</b> - Topline Galvanised 60" Mast Extension - 1500mm x 25mm with Zinc U-Bolt
	<b>MSTMAST20</b>
	<b>Topline</b> - Galvabond 20' (6m) Telomast Including Zinc Plated Accessory Pack

	<b>MSTMAST30</b>
	<b>Topline</b> - Topline Galvabond 30' (9m) Telomast Including Zinc Plated Accessory Pack
	<b>MSTMAST40</b>
	<b>Topline</b> - Topline Galvabond 40' (12m) Telomast Including Zinc Plated Accessory Pack
	<b>MSTMAST50</b>
	<b>Topline</b> - Topline Galvabond 50' (15m) Telomast Including Zinc Plated Accessory Pack
<b>Mast Extension</b>	
<b>SignalMAX</b>	
	<b>MSTESSCREW</b>
	<b>SignalMAX</b> - Galvanised SignalMAX 47" Set Screw Mast Extension - 1200mm x 25mm
	<b>MSTM150DU</b>
	<b>SignalMAX</b> - Galvanised SignalMAX 60" Mast Extension - 1500mm x 25mm with Zinc U-Bolt
	<b>MSTM900DU</b>
	<b>SignalMAX</b> - Galvanised SignalMAX Mast Extension 900mm x 25mm GAL Pole & Zinc Plated U Bolt
<b>Topline</b>	
	<b>MSTMOUCFMX</b>
	<b>Topline</b> - Topline Hot Dip Galvanised CFM Mast Extension - 1200mm x 25mm For Hockey Stick
<b>Accessories</b>	
<b>SignalMAX</b>	
	<b>MSTSB3</b>
	<b>SignalMAX</b> - SignalMAX Galvabond 3' Stay Bar 1m x 16mm (Single)









	<b>MSTSB4</b>
	<b>SignalMAX</b> - SignalMAX Galvabond 4' Stay Bar 1.2m x 16mm (Single)
	<b>MSTSB6</b>
	<b>SignalMAX</b> - SignalMAX Galvabond 6' Stay Bar 1.8m x 16mm Stay Bar (Single) - Bent ends
	<b>MSTSB8</b>
	<b>SignalMAX</b> - SignalMAX Galvabond 6' Stay Bar 2.4m x 16mm Stay Bar (Single) - Bent ends
<b>Topline</b>	
	<b>ANTLSK</b>
	<b>Topline</b> - Topline Antenna Stacking Kit for TLPA16B
	<b>MOUSB4X1</b>
	<b>Topline</b> - Mount Stay Bar CFM - 4FT x 1"
	<b>MOUSBC1</b>
	<b>Topline</b> - Mount Stay Bar Collar - 1" Galvanised
	<b>MOUSBC125</b>
	<b>Topline</b> - Mount Stay Bar Collar - 1.25" Zinc
	<b>MOUSBC125G</b>
	<b>Topline</b> - Mount Stay Bar Collar - 1.25" Galvanised
	<b>MOUSBC15</b>
	<b>Topline</b> - Mount Stay Bar Collar - 1.5" Zinc
	<b>MOUSBC15G</b>
	<b>Topline</b> - Mount Stay Bar Collar - 1.5" Galvanised
	<b>MOUSCLIP</b>
	<b>Topline</b> - Mount Stayed Clip For Under Tile Only



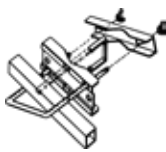






	<p><b>MOUSCK6</b></p> <p><b>Topline</b> - Non Piercing Roof Kit 6' (Includes 1-6x1" Mast, 2 Staybars Straight And UnderTile kit.)</p> <p>MOUSTK'</p>
	<p><b>MOUSCKFOOT</b></p> <p><b>Topline</b> - Non Piercing Roof Foot Heavy Duty</p>
	<p><b>MOUSCKSS</b></p> <p><b>Topline</b> - Non Piercing Roof Mount Kit 4' S/Steel (Under Tile Mount)</p>
	<p><b>MOUSCOL</b></p> <p><b>Topline</b> - Mount Stayed Cement Collar Only</p>
	<p><b>MSTMUSB4</b></p> <p><b>Topline</b> - Galvabond 4' Stay Bar 1.2m x 16mm (Single) (Single) Flat - not bent ends</p>
	<p><b>MSTMUSB6</b></p> <p><b>Topline</b> - Galvabond 6' Stay Bar 1.8m x 16mm (Single) (Single) Flat - not bent ends</p>
	<p><b>MSTMUSB8</b></p> <p><b>Topline</b> - Galvabond 8' Stay Bar 2.4m x 16mm (Single) (Single) Flat - not bent ends</p>
	<p><b>MSTMUSBA46</b></p> <p><b>Topline</b> - Adjustable Length Staybar 1.22m x 25mm and 0.90m x 21mm Mast x 1.2mm Wall Thickness. Galvabond Tube (Single)</p>
	<p><b>MSTMUSBA69</b></p> <p><b>Topline</b> - Adjustable Length Staybar 1.8m x 25mm and 1.8m x 21mm Mast 1.2mm Wall Thickness. Galvabond Tube (Single)</p>
<b>Unbranded / Generic</b>	








	<p><b>MST25MMCAP</b></p> <p><b>Unbranded / Generic</b> - 25mm End Cap to Fit Onto 1" Mast</p>
	<p><b>MST32MMCAP</b></p> <p><b>Unbranded / Generic</b> - 32mm end cap to fit onto 1 1/4" (32mm) mast</p>
<b>Fixing and Clamping</b>	
<b>Digitek</b>	
	<p><b>MSTUNVGAL</b></p> <p><b>Digitek</b> - Galvanised Universal Clamp</p>
<b>SignalMAX</b>	
	<p><b>MSTSBC112G</b></p> <p><b>SignalMAX</b> - 1 1/2" (38mm) Stay Bar Collar Galvanised</p>
	<p><b>MSTSBC114G</b></p> <p><b>SignalMAX</b> - 1 1/4" (32mm) Stay Bar Collar Galvanised</p>
	<p><b>MSTSBC1GAL</b></p> <p><b>SignalMAX</b> - 1" (25mm) Stay Bar Collar Galvanised</p>
	<p><b>MSTSBC1SMZ</b></p> <p><b>SignalMAX</b> - 1" (25mm) Stay Bar Collar Zinc Plate</p>
<b>Topline</b>	
	<p><b>DHARUB4</b></p> <p><b>Topline</b> -</p>
	<p><b>HARCO</b></p> <p><b>Topline</b> - Hardware Clamp Saddle Offset</p>
	<p><b>HARCO11S</b></p> <p><b>Topline</b> - Hardware Coupler 1"x 1" Straight</p>












	<p><b>HARCORA</b></p> <p><b>Topline</b> - Hardware Coupler 1" Right Angle (Sold In Singles)</p>
	<p><b>HARD10</b></p> <p><b>Topline</b> - Topline Masonary Anchor 10mm X 50mm</p>
	<p><b>HARTLUBM</b></p> <p><b>Topline</b> - Topline U Bolt Mounting Assembly S/S</p>
	<p><b>HARUB4</b></p> <p><b>Topline</b> - Hardware U Bolt 1/4"x4" Zinc</p>
	<p><b>HARUNI</b></p> <p><b>Topline</b> - Hardware Universal Clamp</p>
	<p><b>HARUNIGALV</b></p> <p><b>Topline</b> - Topline Hot Dipped Universal Mount</p>
	<p><b>MSTMUWALL</b></p> <p><b>Topline</b> - Topline Caravan Mount Plastic Wall Brackets. Supplied in pairs</p>
	<p><b>MSTUNVSS</b></p> <p><b>Topline</b> - Stainless Steel Universal Clamp</p>
	<p><b>MSTVBLOCKSS</b></p> <p><b>Topline</b> - Stainless Steel V-Block Large</p>
<b>Unbranded / Generic</b>	
	<p><b>HARCS15X38</b></p> <p><b>Unbranded / Generic</b> - Hardware Coach Screw 1 1/2"x 3/8" Zinc</p>
	<p><b>HARCS4X38</b></p> <p><b>Unbranded / Generic</b> - Hardware Coach Screw 4" X 3/8" Zinc</p>
	<p><b>HARCS6</b></p> <p><b>Unbranded / Generic</b> - Hardware Coach Screw 6" X 1/2" Zinc</p>
















	<b>HARCUP</b>
	<b>Unbranded / Generic</b> - Hardware Cup Head Bolt/Nut 1.25" X 5/16"
	<b>HARJACKCHAIN</b>
	<b>Unbranded / Generic</b> - RAD Jack Chain 30m Bucket
	<b>HARL516</b>
	<b>Unbranded / Generic</b> - Hardware Loxin 5/16
	<b>HARN14</b>
	<b>Unbranded / Generic</b> - Hardware Nut 1/4" Hex Zinc
	<b>HARN516</b>
	<b>Unbranded / Generic</b> - Hardware Nut Hex 5/16" (8mm)
	<b>HARR15</b>
	<b>Unbranded / Generic</b> - Hardware RHMT 1 1/2" X 3/16" - Each
	<b>HARR175</b>
	<b>Unbranded / Generic</b> - Hardware RHMT 1 3/4" X 3/16" - Each
	<b>HARR25</b>
	<b>Unbranded / Generic</b> - Hardware RHMT 2 1/2" X 3/16" - Each
	<b>HARW38</b>
	<b>Unbranded / Generic</b> - Hardware Washer Flat 3/8" Galvanised
	<b>HARW516</b>
	<b>Unbranded / Generic</b> - Hardware Washer 5/16" Flat Zinc
	<b>MSTASB1</b>
	<b>Unbranded / Generic</b> - Quick Rig Bracket - Used For Corner Gutter Mounting. Pole and Staybars Sold Separately

	<b>MSTC212X38</b>
	<b>Unbranded / Generic</b> - Coach Screw 2 1/2 x 3/8 Zinc Plate
	<b>MSTCS2125</b>
	<b>Unbranded / Generic</b> - Coach Screw 2 1/2 x 5/16 Zinc Plate
	<b>MSTDRAWMT</b>
	<b>Unbranded / Generic</b> - Caravan Drawbar Mount Zinc Plate
	<b>MSTMSTKLHV</b>
	<b>Unbranded / Generic</b> - Log Periodic Antenna Horizontal to Vertical Mounting Bracket with Two V-Blocks and One U-Bolt
	<b>MSTQRB</b>
	<b>Unbranded / Generic</b> - Quick Rig Bracket Base - Used For Corner Gutter Mounting. Pole and Staybars Sold Separately
	<b>MSTSCEYE7H</b>
	<b>Unbranded / Generic</b> - (Screw Eye 7" x 5/16" Zinc Plated 175mm x 8mm)
	<b>MSTSCREYE3</b>
	<b>Unbranded / Generic</b> - Screw Eye 3" x 5/16 Zinc Plate (76mm x 8mm)
	<b>MSTSCREYE4</b>
	<b>Unbranded / Generic</b> - Screw Eye 4" Zinc Plate (100mm x 8mm)
	<b>MSTSCREYE5</b>
	<b>Unbranded / Generic</b> - Screw Eye 5 1/2" x 5/16 Zinc Plate (125mm x 8mm)
	<b>MSTTBSCR50</b>
	<b>Unbranded / Generic</b> - Heavy Duty Galvanised Hex Head Timber Screw 12GX50mm

	<b>MSTTSCR100</b>
	<b>Unbranded / Generic</b> - Timber Screw Hex Drive 14 x 100mm
	<b>MSTUBOLT55</b>
	<b>Unbranded / Generic</b> - Hardware U Bolt 5/16"x5.5" Zinc
	<b>MSTUBOLT5H</b>
	<b>Unbranded / Generic</b> - U Bolt 5"x5/16" or 130mm (Length) x 8mm (Diameter) Includes Nuts and Washers
	<b>MSTUBOLTHD</b>
	<b>Unbranded / Generic</b> - U Bolt 4"x5/16" or 100mm (Length) x 8mm (Diameter) Includes Nuts and Washers
	<b>MSTVBLKGAL</b>
	<b>Unbranded / Generic</b> - Large Heavy Duty Galvanised V Block
	<b>MSTVBLKOFF</b>
	<b>Unbranded / Generic</b> - V Block Off Set Zinc Plated
	<b>MSTVBLOCK</b>
	<b>Unbranded / Generic</b> - Large Heavy Duty Zinc Plated V Block with Round Back
<b>Guying</b>	
<b>Digitek</b>	
	<b>MSTGWREEL</b>
	<b>Digitek</b> - Guy Wire Zinc Galvanised 7 x 0.90mm, 180m long on Plastic Reel
<b>SignalMAX</b>	
	<b>MST50KIT</b>
	<b>SignalMAX</b> - 15M (50') Telomast Accessory Pack Including 1 x End Cap, 16 x Thimbles, 4 x L Bolts and 4 x S Pins

	<b>MSTGC112</b> <b>SignalMAX - 1 1/2" (38mm) Guy Collar Zinc Plate</b>
	<b>MSTGCLG</b> <b>SignalMAX - SignalMAX Single Galvanised Guy Cleat</b>
	<b>MSTGCO114G</b> <b>SignalMAX - 1 1/4" (32mm) Guy Ring Collar Galvanised</b>
	<b>MSTGCO1G</b> <b>SignalMAX - 1" (25mm) Guy Ring Collar Galvanised</b>
	<b>MSTGRP</b> <b>SignalMAX - Telescopic Mast A Section Guy Plate 1 1/4" (32mm) Zinc Plate</b>
	<b>MSTGRPB</b> <b>SignalMAX - Telescopic Mast B Section Guy Plate 1 1/2" (38mm) Zinc Plate</b>
	<b>MSTGRPBGAL</b> <b>SignalMAX - Telescopic Mast B Section Guy Plate 1 1/2" (38mm) Galvanised</b>
	<b>MSTGUYCOL</b> <b>SignalMAX - 1 1/4" (32mm) Guy Ring Collar Zinc Plate</b>
<b>Unbranded / Generic</b>	
	<b>GUYSEW3</b> <b>Unbranded / Generic - Guying Screw Eye 3" Welded x 5/16" Zinc Plated</b>
	<b>GUYSEW4</b> <b>Unbranded / Generic - Guying Screw Eye 4" Welded x 5/16" Zinc Plated</b>
	<b>MSTEB9</b> <b>Unbranded / Generic - Guying Eye Bolt 9" Zinc</b>

	<b>MSTEB9GAL</b> <b>Unbranded / Generic - Guying Eye Bolt 9" Gal</b>
	<b>MSTGANCHOR</b> <b>Unbranded / Generic - 9" (270mm)X 28 X 28MM Galvanised Multi Guy Anchor</b>
	<b>MSTGCLAMP3</b> <b>Unbranded / Generic - Guy Clamp Zinc Plated. Will Clamp 3.5mm to 5mm Guy Wire</b>
	<b>MSTGUYC</b> <b>Unbranded / Generic - Guying Cleat</b>
	<b>MSTGUYLRC</b> <b>Unbranded / Generic - Guying Lock Ring C 1 3/4"</b>
	<b>MSTGUYWIRE</b> <b>Unbranded / Generic - Guy Wire 180M Coil 7 x 0.90mm (Zinc Galvanised)</b>
	<b>MSTT38</b> <b>Unbranded / Generic - 3/8" (10mm) Turnbuckle Hook and Eye Zinc.</b>
	<b>MSTTB516</b> <b>Unbranded / Generic - 5/16" (8mm) Turnbuckle Hook and Eye Zinc Plate</b>
	<b>MSTTB516G</b> <b>Unbranded / Generic - 5/16" (8mm) Turnbuckle Hook and Eye Galvanised</b>
	<b>MSTTB516SS</b> <b>Unbranded / Generic - 5/16" (8mm) Turnbuckle Hook and Eye 316 Stainless Steel</b>
	<b>MSTTBUCKLE</b> <b>Unbranded / Generic - 6mm (1/4") Hook and Eye Turnbuckle Zinc Plated</b>

	<b>MSTTHIMBLE</b> <b>Unbranded / Generic - 1/4" (6mm) Thimble Zinc Plate</b>
<b>Galvanised Strammit Mount</b>	
<b>Available Models:</b>	<b>Digitek</b>
Galvanised Strammit Mount Kit	MSTSMT
Galvanised Strammit Mast Base Foot	MSTSTRMFT
Strammit Mount Staybar Foot	MSTSTRSBF
Galvanised Strammit Mount with mast base foot and 2 staybars with feet. Bolts and U-Bolts Zinc	
<b>Roof Tripods</b>	
<b>Available Models:</b>	<b>SignalMAX</b>
SignalMax Galvanised Iron Roof Tripod	MSTTRIPDMSM
Galvanised Strammit Mount with mast base foot and 2 staybars with feet. Bolts and U-Bolts Zinc	
<b>MSTEA40BKG</b>	
<b>Topline</b>	<b>MSTEA40BKG</b>
40" Wall Bracket /Eave Mount 1020 x 25mm 1.2mm gauge FLAT PLATE Type GAL.	
<b>Curved Fascia Mounts</b>	
<b>Available Models:</b>	<b>SignalMAX</b>
SignalMAX Curved Fascia Moun	MST4FMOUNT
Galvanised SignalMAX Curved Fascia Mount	MST4VMOUNT
SignalMAX Curved Fascia Mount	MST5FMOUNT
SignalMAX Curved Fascia Mount	MST5VMOUNT
SignalMAX Curved Fascia Mount	MST6FMOUNT
SignalMAX Curved Fascia Mount	MST9FMOUNT
Galvanised SignalMAX Curved Fascia Mount	
<b>Topline</b>	
<b>Topline</b>	<b>DHARUB4</b>
	

## Amplifiers

### Unbranded / Generic

#### 6 Way Splitter Amp Surge protected

Unbranded / Generic

AMPGOLD6

6 Way Splitter Amp Surge protected

#### 8 Way Splitter Amp Surge Protected

Unbranded / Generic

AMPGOLD8



8 Way Splitter Amp Surge Protected

## Masthead Amplifiers

### Kingray

#### Bracket to Mount Kingray Fully Shielded Masthead Amplifier

Kingray

FILKB001



Bracket to Mount Kingray Fully Shielded Masthead Amplifier to a Wall

## VHF/UHF Mastheads

### VHF/UHF Mastheads :: Kingray

#### VHF/UHF Low Noise Masthead Amplifier

Kingray

AMPMDA15W



Kingray MDA15W 15dB VHF/UHF Low Noise Masthead Distribution Amplifier. Requires Separate Power Supply PSK06 F or Pal

#### Specifications

Frequency Range	470 - 694 MHz
Maximum Gain	15 dB
Gain Control Range	VHF: 10 dB, UHF: 6 dB
Maximum Output Level	113 dB @ -60dB IMR DIN 45004B
Noise Figure	2.5 dB
LTE Filter	Yes
Low Band Filter	Yes

#### MECHANICAL SPECIFICATION

F Type Yes

#### POWER SUPPLY

Operating Voltage	12-24 V DC
Suitable plug pack	PSK06/F, KPS06/F
Power Consumption	80 mA

### Kingray Edge Series 25dB Wideband Masthead Amplifier

Kingray

AMPMHW25F



Kingray Edge Series 25dB Wideband Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

#### Specifications

Frequency Range	VHF: 174 - 230 MHz, UHF: 520 - 694 MHz
Maximum Gain	VHF: 12-15 dB, UHF: 25 dB
Gain Control Range	VHF: Tilt Control 7-4 dB, UHF: 10 dB
Maximum Output Level	108 dB @ -60 dB IMR (DIN45004B)
Noise Figure	VHF: < 3 dB, UHF: < 2.1 dB
Low Band Filter	Band 1 -30dB
Pager Filter	-25 dB @ 148 MHz and 158 MHz
FM Filter	-25 dB @ 88-108 MHz
LTE Filter	-25dB @ 750MHz

#### MECHANICAL SPECIFICATION

Input Connector F Type

Output Connector F Type

### Single Input Wideband Masthead Amplifier

Kingray

AMPMHW25FE



Kingray Edge Series 25dB Single Input Wideband Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK06/08 F or Pal.

#### Specifications

Frequency Range	VHF: 44 - 230 MHz, UHF: 520 - 694 MHz
Maximum Gain	VHF: 22-24 dB UHF: 25 dB
Gain Control Range	10 dB
Maximum Output Level	105 dBV @ -60 dB IMR (DIN45004B)
Noise Figure	VHF: < 2 dB, UHF: < 2.5 dB
FM Filter	-25 dB @ 88 - 108 MHz

#### MECHANICAL SPECIFICATION

Input Connector F Type

Output Connector F Type

### Fully Shielded Wideband Masthead Amplifier

Kingray

AMPMHW25FS



Kingray Edge Series 25dB Fully Shielded Wideband Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

#### Specifications

Frequency Range	VHF: 174 - 230 MHz, UHF: 520 - 694 MHz
Maximum Gain	VHF: 12-15 dB, UHF: 25 dB
Gain Control Range	VHF: Tilt Control 7-4 dB, UHF: 10 dB
Maximum Output Level	108dBV @ -60 dB IMR (DIN45004B)
Noise Figure	VHF: < 3.5 dB UHF: < 2.1 dB
LTE Filter	-25dB @ 750MHz
Low Band Filter	-30 dB
Pager Filter	-25 dB @ 148 MHz and 158 MHz
Input Connector	F type
Output Connector	F type
Suitable plug pack	PSK18S/F

### Masthead Amplifier with LTE Filter.

Kingray

AMPMHW35F



Kingray Edge Series 35dB Wideband Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## Fully Shielded Wideband Masthead Amplifier

Kingray **AMPMHW35FS**



Kingray Edge Series 35dB Fully Shielded Wideband Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## Fully Shielded Wideband Masthead Amplifier

Kingray **AMPMHW43FS**



Kingray Edge Series 43dB Fully Shielded Wideband Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## Kingray KMW32FS Trade Pack

Kingray **KMW32FSTP**



Kingray KMW32FS Trade Pack x 5 VHF/UHF, Includes PSK08 Power Supplies F Type

## VHF Mastheads

### VHF Mastheads :: Kingray

## 15dB VHF Low Noise Masthead Distribution Amplifier.

Kingray **AMPMDA15V**



Kingray MDA15V 15dB VHF Low Noise Masthead Distribution Amplifier. Requires Separate Power Supply PSK or KPS 06/08

F or Pal

## 25dB VHF Masthead Amplifier with LTE Filter.

Kingray **AMPMHV25F**



Kingray Edge Series 25dB VHF Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## UHF Mastheads

### UHF Mastheads :: Kingray

## UHF Low Noise Masthead Amplifier

Kingray **AMPMDA15U**



Kingray MDA15U 15dB UHF Low Noise Masthead Distribution Amplifier. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

### Specifications

<b>Frequency Range</b>	470 - 694 MHz
<b>Maximum Gain</b>	15 dB
<b>Gain Control Range</b>	6 dB
<b>Maximum Output Level</b>	113 dB @ -60dB IMR DIN 45004B
<b>Noise Figure</b>	2.5 dB
<b>LTE Filter</b>	Yes

### MECHANICAL SPECIFICATION

<b>F Type</b>	Yes
<b>POWER SUPPLY</b>	
<b>Operating Voltage</b>	12-24 V DC
<b>Suitable plug pack</b>	PSK06/F, KPS06/F
<b>Power Consumption</b>	80 mA

## UHF Masthead Amplifier with LTE Filter

Kingray **AMPMHU25F**



Kingray Edge Series 25dB UHF Masthead Amplifier with LTE Filter.

ter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

### Specifications

<b>Frequency Range</b>	VHF: 174 - 230 MHz, UHF: 520 - 694 MHz
<b>Maximum Gain</b>	VHF: -2 dB UHF: 25 dB
<b>Gain Control Range</b>	UHF: 10 dB
<b>Maximum Output Level</b>	108 dBV @ - 60 dB IMR (DIN45004B)
<b>LTE Filter</b>	-25dB @ 750MHz

### MECHANICAL SPECIFICATION

<b>Input Connector</b>	F Type
<b>Output Connector</b>	F Type

## Fully Shielded Wideband Masthead Amplifier

Kingray **AMPMHU25FS**



Kingray Edge Series 25dB Fully Shielded UHF Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## UHF Masthead Amplifier with LTE Filter.

Kingray **AMPMHU35F**



Kingray Edge Series 35dB UHF Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## Fully Shielded Wideband Masthead Amplifier

Kingray **AMPMHU35FS**



Kingray Edge Series 35dB Fully Shielded UHF Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## Fully Shielded Wideband Masthead Amplifier

Kingray **AMPMHU43FS**



Kingray Edge Series 43dB Fully Shielded UHF Masthead Amplifier with LTE Filter. Requires Separate Power Supply PSK or KPS 06/08 F or Pal

## Power Supply

Kingray

## 2 Way DC Splitter

Kingray **AMPADC322**



Kingray 30cm 2 Way DC Splitter Cable allows you to power two devices from the one power supply

## 1 In 4 out 2.5mm DC Splitter

Kingray **AMPADC324**



Kingray 30cm 1 In 4 out 2.5mm DC Splitter Cable allows you to power two devices from the one power supply

## Lead Assembly Extension Cable

Kingray **AMPKLE01**



Lead Assembly Extension Cable

## Kingray 3 way Power Adapter

Kingray **AMPPAK01**



Kingray 3 way Power Adapter

## Kingray Power Injector DC Plug 'F' Type

Kingray **AMPPIK01**



Kingray Power Injector DC Plug 'F' Type

## Kingray Power Injector

Kingray **AMPPIK170**



Kingray Power Injector

## Kingray PIK2000 Power Injector

Kingray **AMPPIK2000**



Kingray PIK2000 Power Injector

## Kingray Plug Pack 9V DC

Kingray **AMPPSK01**



Kingray Plug Pack 9V DC

## Kingray Plug Pack 240 V AC to 22 V AC,100mA

Kingray **AMPPSK02**



Kingray Plug Pack 240 V AC to 22 V AC,100mA (Pal Connection)

## Kingray Plug Pack 240 V AC to 22 V AC,100mA

Kingray **AMPPSK06**



Plug Pack Kingray 240 V AC to 14 V DC,150mA Pal

## Kingray PSK06F 14V DC 150 mA Power Supply

Kingray **AMPPSK06F**



Kingray PSK06F 14V DC 150 mA Power Supply (F Type Connections)

## Plug Pack 240 V AC to 14 V DC

Kingray

AMPPSK06S



Kingray Plug Pack 240 V AC to 14 V DC, 150mA 2.5mm DC Plug

## Kingray PSK08 17.5 V AC 100 mA Power Supply

Kingray

AMPPSK08



Kingray PSK08 17.5 V AC 100 mA Power Supply (Pal Connection)

## Kingray PSK08 17.5 V AC 100 mA Power Supply

Kingray

AMPPSK08F



Kingray PSK08 17.5 V AC 100 mA Power Supply (F Type Connections)

## Kingray Plug Pack 240 V AC to 12 V DC

Kingray

AMPPSK12F



Kingray Plug Pack 240 V AC to 12 V DC, 500mA (F Type Connections)

## Kingray Plug Pack 240 V AC to 12 V DC,

Kingray

AMPPSK12S



Kingray Plug Pack 240 V AC to 12 V DC, 500mA 2.5mm Type

## Kingray 240VAC to 18V DC 500MA 'F' Injector

Kingray

AMPPSK18F



Kingray 240VAC to 18V DC 500MA 'F' Injector

## 15VDC 1.7A Power Supply 2.5mm Plug

Kingray

AMPPSK18KR



Kingray 15VDC 1.7A Power Supply 2.5mm Plug

## Kingray PSK18KR TOP 1.7A

Kingray

AMPPSK18KRT



Kingray PSK18KR TOP 1.7A

## Plug Pack 18V DC 500mA DC Plug

Kingray

AMPPSK18S



Kingray PSK18S 18V 500 mA DC Power Supply. Foxtel Approved

## Unbranded / Generic

### 15VDC 3A Power Supply 2.5mm Plug

Unbranded / Generic

AMP15VDC3000A



15VDC 3A Power Supply 2.5mm Plug

## Domestic Splitter & Distribution Amps

### Kingray

### 1 In 1 Out Amplifier F Type

Kingray

AMPKDA20



Kingray KDA20 1 In 1 Out Amplifier F Type (VHF-16-18dB & UHF 20dB) includes two F to PAL Adapters.

## Splitter Amplifier 2 Way F

Kingray

AMPSA162F



Kingray Splitter Amplifier 2 Way F (16dB@860MHz & 12dB@44MHz)

## Splitter Amplifier 4 Way BL

Kingray

AMPSA164



4 Way Belling Lee, Wideband 16dB Mains Powered Amp

## Kingray Splitter Amplifier 4 Way "F"

Kingray

AMPSA164F



Kingray Splitter Amplifier 4 Way "F" 14-16dB Gain

## 4 Way F Type Remote Powered, Wideband

Kingray

AMPSAM224FSDP



4 Way F Type Remote Powered, Wideband Splitter Amplifier Including KPS06 PSU, Packaged in a Display Pack

## Connectors

### SignalMAX



CONRZ21M

SignalMAX - Metal Solderless Pal Socket (Female)

### TVR



CONRZ20M

TVR - Metal Solderless Pal Plug (Male)

### Unbranded / Generic



CONNCM58

Unbranded / Generic - N Male Connector For RG58 Cable



CONPL259

Unbranded / Generic - UHF Plug W 5.3mm Reducer-3C2V

### F-Type Connectors



CONF6TVR

Trade Value Range RG6 HEX F Connector

### Digitek



CONF59ALBK

Digitek - Premium RG59 HEX Crimp F Connector (Brass Colour)

### Hills



CONF6DBUL

Hills - Foxtel Approved Double Bubble RG6 Compression F Connector (3GHz). DB6U-L

### Jonsa



CONF59JE

Jonsa - Jonsa RG59 HEX Crimp F Connector

CONFTRSJ59L

Jonsa - RG59 Compression F Connector - (JE) APFTRSJ59L

### Kingray



CONKPL6P

Kingray - Kingray RG6 F Connector - Tool Less Push On

### PCT



CONF59PCT

PCT - PCT RG59 Compression F Connector (3GHz)



CONF6APFCQJE

PCT - PCT RG59 Compression F Connector (3GHz)



CONF6PCT

PCT - PCT Foxtel Approved RG6 Compression F Connector (3GHz). Foxtel Approval Number F30574



CONF11QPCT

PCT - PCT Foxtel Approved RG11 Compression F Connector (3GHz). Foxtel Approval Number F30709

### PPC



CONF6PPC

PPC - PPC EX6L RG6 Compression connector Approval no. 73900168

CONRUBBOOT

PPC - RG6 Rubber Boot



CONF11PPC

PPC - RG11 Compression PPC Connector EX11 RG11 Approval no.73900169

### SignalMAX













CONF59AL












SignalMAX - SignalMAX Premium RG59 HEX Crimp F Connector









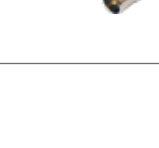


CONF59DUAL











SignalMAX - SignalMAX Premium RG59 Dual Shield F Twist On Connector









	<b>CONF59QCBK</b> <b>SignalMAX</b> - SignalMAX Premium RG59 F Type Compression Connector with black ends
	<b>CONF6M</b> <b>SignalMAX</b> - SignalMAX Premium RG6 HEX Crimp F Connector
	<b>CONF6QC000</b> <b>SignalMAX</b> - SignalMAX Premium RG6 F Type Compression Micro Connector (3GHz)
	<b>CONF6QCOMP</b> <b>SignalMAX</b> - SignalMAX Premium RG6 F Type Compression Connector (3GHz)
	<b>CONF6QCOR</b> <b>SignalMAX</b> - SignalMAX Premium RG6 F Type Compression Connector with "O" Ring weather seal (3GHz)
	<b>CONF6QCPBK</b> <b>SignalMAX</b> - SignalMAX Premium RG6 F Type Compression Connector (3GHz) Black Nickel
	<b>CONFMINICP</b> <b>SignalMAX</b> - SignalMAX Premium Mini Coax F Type Compression Connector (3GHz)
	<b>CONORING</b> <b>SignalMAX</b> - Rubber 'O' Ring for use with SignalMAX F Compression Connectors.
	<b>CONF11QCMP</b> <b>SignalMAX</b> - SignalMAX Premium RG11 F Type Compression Connector (3GHz)
	<b>CONF56C</b> <b>SignalMAX</b> - SignalMAX Premium RG6 Quad Shield F Twist On Connector





	<b>CONF59CQ</b> <b>SignalMAX</b> - Premium RG59 Quad Shield F Twist On Connector
<b>Topline</b>	
	<b>CONRG59COMRCA</b> <b>Topline</b> - RG59 Compression RCA Male
	<b>CONRG59FPON</b> <b>Topline</b> - RG59 "F" Push on (no crimping required)
	<b>CONRG59RCAC</b> <b>Topline</b> - RG59 RCA Compression Coloured Rings
	<b>CONRG6COMPF</b> <b>Topline</b> - RG6 Compression Pal Female
	<b>CONRG6COMPM</b> <b>Topline</b> - RG6 Compression Pal Male
	<b>CONRG6DELUX</b> <b>Topline</b> - RG6 "F" Compression Deluxe
	<b>CONRG6PFG</b> <b>Topline</b> - RG6 Crimp - Pal Female Gold
<b>TVR</b>	
	<b>CONF59TVR</b> <b>TVR</b> - RG59 HEX Crimp F Connector
	<b>CONF6KN</b> <b>TVR</b> - RG6 Hex F Connector Gold KNURL
<b>Unbranded / Generic</b>	
	<b>CONF11HEX</b> <b>Unbranded / Generic</b> - RG11 F Hex Crimp Connector (Separate Pin)












	<b>CONF59</b> <b>Unbranded / Generic</b> - F Connector RG59 with Separate Ring
	<b>CONFRG6QMICRO</b> <b>Unbranded / Generic</b> - Compression Micro Rg6 QUAD F Type 3GHz
	<b>CONRG6COMPC</b> <b>Unbranded / Generic</b> - RG6 Pal Male Compression Connector RG6PM
	<b>CONRG11GS</b> <b>Unbranded / Generic</b> - RG11 "F" Crimp Separate Pin
	<b>CONRG11STING</b> <b>Unbranded / Generic</b> - RG11 3 Piece Stinger Connector
	<b>CONRG11FINPIN</b> <b>Unbranded / Generic</b> - RG11 "F" HEX Crimp Integrated Pin
	<b>CONRG11IPGS</b> <b>Unbranded / Generic</b> - RG11 "F" Crimp Integrated Pin
<b>PAL RG6 Connectors</b>	
	<b>CONRZ23CMU</b> <b>SignalMAX</b> Premium RG6 Hex Crimp PAL Female Connector
<b>SignalMAX</b>	
	<b>CONBL6MALE</b> <b>SignalMAX</b> - SignalMAX Premium PAL Male RG6 Quad Compression Connector
	<b>CONBL6QCFM</b> <b>SignalMAX</b> - SignalMAX Premium PAL Female RG6 Quad Compression Connector














	<b>CONRZ10TW</b> <b>SignalMAX</b> - SignalMAX Premium RG6 Twist-On PAL Male Adaptor
	<b>CONRZ11TW</b> <b>SignalMAX</b> - SignalMAX Premium RG6 Twist-On PAL Female Adaptor
	<b>CONRZ12TW</b> <b>SignalMAX</b> - SignalMAX Premium RG59 Twist-On PAL Male Adaptor
	<b>CONRZ22CMUSM</b> <b>SignalMAX</b> - SignalMAX Premium RG6 Hex Crimp PAL Male Connector
	<b>CONRZ22RA</b> <b>SignalMAX</b> - SignalMAX Premium RG6 Hex Crimp PAL Right Angle Male Connector
<b>PAL RG59 Connectors</b>	
<b>SignalMAX</b>	
	<b>CONBL59FEM</b> <b>SignalMAX</b> - SignalMAX Premium PAL Female RG59 Quad Compression Connector
	<b>CONBL59QCM</b> <b>SignalMAX</b> - SignalMAX Premium PAL Male RG59 Quad Compression Connector
	<b>CONRZ13TW</b> <b>SignalMAX</b> - SignalMAX Premium RG59 Twist-On PAL Female Adaptor
	<b>CONRZ20CMU</b> <b>SignalMAX</b> - SignalMAX Premium RG59 Hex Crimp PAL Male Connector
	<b>CONRZ24CMU</b> <b>SignalMAX</b> - SignalMAX Premium RG59 Hex Crimp PAL Female Connector
<b>RCA Compression Connectors</b>	

<b>SignalMAX</b>	
	<b>CONRCA59CP</b> <b>SignalMAX</b> - SignalMAX Premium RCA Male RG59 Compression Connector. Comes with 6 Colour Rings
	<b>CONRCA6CMP</b> <b>SignalMAX</b> - SignalMAX Premium RCA Male RG6 Compression Connector. Comes with 6 Colour Rings
	<b>CONRCAMCP</b> <b>SignalMAX</b> - SignalMAX Premium RCA Male Mini Coax Compression Connector
<b>BNC Connectors</b>	
<b>SignalMAX</b>	
	<b>CONBNC59BK</b> <b>SignalMAX</b> - BNC Male RG59 Compression Connector with Purple Insulation. Supplied with 6 Colour Rings
	<b>CONBNC59CP</b> <b>SignalMAX</b> - SignalMAX Premium BNC Male RG59 Compression Connector. Comes with 6 Colour Rings
	<b>CONBNC6COG</b> <b>SignalMAX</b> - SignalMAX Premium BNC Male RG6 Compression Connector. Comes with 6 Colour Rings
	<b>CONBNCMCOM</b> <b>SignalMAX</b> - SignalMAX Premium BNC Male Mini Coax Compression Connector
<b>Unbranded / Generic</b>	
	<b>CONBNCHEXI</b> <b>Unbranded / Generic</b> - BNC Male R59 Hex Crimp Connector

	<b>CONBNCHEXS</b> <b>Unbranded / Generic</b> - BNC Male R59 Separate Ring Crimp Connector
	<b>CONRG6BNC</b> <b>Unbranded / Generic</b> - RG6 BNC Crimp Connector
<b>F-Type Connectors</b>	
<b>Trade Value Range RG6 HEX F Connector</b>	
<b>CONF6TVR</b>	
	
Trade Value Range RG6 HEX F Connector	
<b>RG6 Twist On Connector</b>	
<b>Available Models:</b>	<b>SignalMAX</b>
F Connector RG6 Quad Twist ON	CONF56C
Quad Shield F Twist On Connector	CONF59CQ
SignalMAX Premium RG6 Quad Shield F Twist On Connector	
<b>CONF6KN RG6 Hex F Connector Gold KNURL</b>	
<b>TVR</b>	<b>CONF6KN</b>
	
RG6 Hex F Connector Gold KNURL	
<b>Connectors</b>	
<b>Available Models:</b>	<b>Unbranded / Generic</b>
RG11 F Hex Crimp Connector	CONF11HEX
F Connector RG59 with Separate Ring	CONF59
Compression Micro Rg6 QUAD F Type	CONF6QMICRO
RG6 Pal Male Compression Connector RG6PM	CONF6COMP
Connectors	







Adaptors	
Unbranded / Generic	
	<b>CONPF35M</b> Unbranded / Generic - Pal Female - 3.5MM Male Adaptor VPA25
	<b>CONRS232FRJ45F</b> Unbranded / Generic - RS232 Serial (DE9) Male to RJ45 Female
	<b>CONRS232RJ45</b> Unbranded / Generic - RS232 Serial (DE9) Male to RJ45 Female
	<b>AMPKDC313</b> Unbranded / Generic - PG11 - to F Adaptor Stinger
	<b>CONF55</b> Unbranded / Generic - Right Angle Adaptor 1/2" to RG11 Stinger
	<b>CONFSTING</b> Unbranded / Generic - Adaptor Stinger Male to F Female
	<b>CONKSFA</b> Unbranded / Generic - "F" Female - KS Pin Adaptor (Port KSFA)
	<b>CONKSKS</b> Unbranded / Generic - KS - KS Pin Joiner
	<b>CONKSRADAP</b> Unbranded / Generic - KS - Housing RT Angle Adaptor
	<b>CONKSTERM</b> Unbranded / Generic - CATV Terminator TS1945
	<b>CONPMBM</b> Unbranded / Generic - Pal Male - BNC Male Adaptor












F-Type Adaptors	
SignalMAX	
	<b>CONFQA3G</b> SignalMAX - SignalMAX Foxtel Approved Premium F Connector Push-On Adaptor (3GHz)
	<b>CONPA100</b> SignalMAX - SignalMAX Premium PAL Female to F Female Adaptor
	<b>CONPA30</b> SignalMAX - SignalMAX Premium F Male to PAL Male Adaptor
	<b>CONPA31</b> SignalMAX - SignalMAX Premium F Male to PAL Female Adaptor
	<b>CONPA32RA</b> SignalMAX - SignalMAX Premium F Female to PAL Male Right Angle Adaptor
	<b>CONPA32RFEM</b> SignalMAX - SignalMAX Premium F Female to PAL Male Right Angle Adaptor
	<b>CONPA32SM</b> SignalMAX - SignalMAX Premium F Female to PAL Male Adaptor
	<b>CONPAFRCA</b> SignalMAX - SignalMAX Premium F Female to RCA Male Adaptor
	<b>CONPAFRCAS</b> SignalMAX - SignalMAX Premium F Female to RCA Male Adaptor
	<b>CONRMRAF</b> SignalMAX - SignalMAX Premium F Female to Right Angled RCA Male Adaptor (Gold Colour)

	<b>CONPA28</b> SignalMAX - SignalMAX Premium F Female to BNC Male Adaptor
Topline	
	<b>CON750</b> Topline - .750 Stinger Connector
	<b>CON412</b> Topline - .412 Stinger Connector
	<b>CON500</b> Topline - .500 Stinger Connector
	<b>CON500F</b> Topline - .500 KS - F Hardline Connector
	<b>CONFEEETHRU</b> Topline - 500 series Feed Thru Connector
TVR	
	<b>CONPA100TVR</b> TVR - SignalMAX Premium PAL Female to F Female Adaptor
Unbranded / Generic	
	<b>CONCFF6</b> Unbranded / Generic - RG6 "F" Female Compression Connector
	<b>CONCPM6</b> Unbranded / Generic - RG6 Pal Male Compression Connector
	<b>CONFMFFLONG</b> Unbranded / Generic - "F" Male - "F" Female LONG BARREL
	<b>CONNUT</b> Unbranded / Generic - Nut to fit F Female to F Female Connector/Joiner (Barrel Joiners)

	<b>CONPA37U</b> <b>Unbranded / Generic - F Male to RCA Female Adaptor</b>
	<b>CONWASHER</b> <b>Unbranded / Generic - Washer to fit F Female to F Female Connector/Joiner (Barrel Joiners)</b>
	<b>CONBNM6G</b> <b>Unbranded / Generic - BNC(M)-RG6 CRIMP Separate Pin</b>
	<b>CONFFBF</b> <b>Unbranded / Generic - 'F' Female - BNC Female Adaptor</b>
<b>F-Type Joiners</b>	
<b>Digitek</b>	
	<b>CONF813GBK</b> <b>Digitek - Digitek Foxtel Approved Premium F Female to F Female Connector/Joiner (3GHz) Blue Insert. Foxtel Approval Number F10448</b>
<b>SignalMAX</b>	
	<b>CONF71B</b> <b>SignalMAX - SignalMAX Premium F Male to F Male Connector/Joiner (1 GHz)</b>
	<b>CONF81</b> <b>SignalMAX - SignalMAX Premium F Female to F Female Connector/Joiner (1 GHz)</b>
	<b>CONF813G</b> <b>SignalMAX - SignalMAX Foxtel Approved Premium F Female to F Female Connector/Joiner (3GHz) Green Insert. Foxtel Approval Number F10461</b>
	<b>CONFRA3G</b> <b>SignalMAX - SignalMAX Premium Foxtel Approved Right Angle F Connector Joiner (3GHz)</b>

<b>Unbranded / Generic</b>	
	<b>CONF81GOLD</b> <b>Unbranded / Generic - Gold Colour F Female to F Female Connector/Joiner (1 GHz)</b>
	<b>CONPA60U</b> <b>Unbranded / Generic - F Plug (Male) to F Socket (Female) Long barrel Extender</b>
<b>F-Type Terminators</b>	
<b>SignalMAX</b>	
	<b>CONT75SM</b> <b>SignalMAX - SignalMAX Premium F Male 75 Ohm Terminator</b>
<b>PAL Adaptors</b>	
<b>SignalMAX</b>	
	<b>CONRZ59</b> <b>SignalMAX - SignalMAX Premium PAL Male to PAL Male Adaptor</b>
	<b>CONRZ60</b> <b>SignalMAX - SignalMAX Premium PAL Female to PAL Female Adaptor</b>
	<b>CONRZ61</b> <b>SignalMAX - BL Joiner Male/Female</b>
<b>Unbranded / Generic</b>	
	<b>CONPA110</b> <b>Unbranded / Generic - Adaptor Pal Male to RCA Female</b>
	<b>CONPA130</b> <b>Unbranded / Generic - Adaptor PAL Female to RCA Male</b>
	<b>CONRZ40</b> <b>Unbranded / Generic - Crimp and Screw Joiner Plastic</b>

<b>HDMI Adaptors</b>	
<b>Unbranded / Generic</b>	
	<b>CONHDMIRA</b> <b>Unbranded / Generic - HDMI Male to HDMI Female Right Angle Adaptor</b>
	<b>OUTCA414</b> <b>Unbranded / Generic - HDMI Male to HDMI Female Twist &amp; Bend Adaptor</b>
<b>BNC Adaptors</b>	
	<b>CONBNCJOIN</b> <b>SignalMAX Premium BNC Female To BNC Female Joiner</b>
<b>SignalMAX</b>	
	<b>CONF2BNM</b> <b>SignalMAX - SignalMAX Premium F Male to BNC Female Adaptor</b>
<b>Unbranded / Generic</b>	
	<b>CONBA7009</b> <b>Unbranded / Generic - BNC Male to BL Female Adaptor</b>
	<b>CONBNC2ML</b> <b>Unbranded / Generic - Double BNC male</b>
	<b>CONBNC2RCA</b> <b>Unbranded / Generic - BNC Male to RCA Male Adaptor</b>
	<b>CONBNC3FEM</b> <b>Unbranded / Generic - BNC three female</b>
	<b>CONBNC6A</b> <b>Unbranded / Generic - BNC Female to RCA Male Adaptor</b>
	<b>CONF2BNCFM</b> <b>Unbranded / Generic - F Female to BNC Female Adaptor</b>

RCA Adaptors	
Unbranded / Generic	
	<b>CON3RCAJM</b> Unbranded / Generic - Triple RCA Socket to Socket - Metal
	<b>CON3RCAJP</b> Unbranded / Generic - Triple RCA Socket to Socket
	<b>CONAPA2U</b> Unbranded / Generic - 2 RCA Female Joiner
	<b>CONAPA3U</b> Unbranded / Generic - 1 RCA Male to 2 RCA Female Adaptor
	<b>CONPA120</b> Unbranded / Generic - Adaptor F Male to RCA Male
	<b>CONRARCAP</b> Unbranded / Generic - Right Angle RCA Male to RCA Female Adaptor
	<b>CONRCAFGLD</b> Unbranded / Generic - RCA Jack to F Female Gold Colour
	<b>CONRF2RM</b> Unbranded / Generic - RCA Socket to Double RCA Plug
	<b>CONRJOINPG</b> Unbranded / Generic - RCA Plug to RCA Plug
	<b>CONRJSMS1</b> Unbranded / Generic - RCA Socket to RCA Socket (Premium) - Metal S1
	<b>CONRJSMS2</b> Unbranded / Generic - RCA Socket to RCA Socket (Premium) - Metal

	<b>CONRMRFD</b> Unbranded / Generic - RCA Plug to Double RCA Socket (Y)
	<b>CON861</b> Unbranded / Generic - Adaptor RCA Female to BNC Male
Stereo Adaptors	
Unbranded / Generic	
	<b>CON35JOINER</b> Unbranded / Generic - 3.5mm Stereo Socket To 3.5mm Stereo Socket (Joiner)
	<b>CON6M2RS</b> Unbranded / Generic - 6.35mm Stereo Plug to Double RCA Socket (Y)
	<b>CONS2MS3F</b> Unbranded / Generic - 2.5mm Stereo Plug to 3.5mm Stereo Socket
	<b>CONS3MM3F</b> Unbranded / Generic - 3.5mm Stereo Plug to 6.35mm Mono Socket
	<b>CONS3MS2F</b> Unbranded / Generic - 3.5mm Stereo Plug to 2.5mm Stereo Socket
	<b>CONS3MS3F</b> Unbranded / Generic - 3.5mm Stereo Plug to 3.5mm Stereo Socket
	<b>CONS3MS6F</b> Unbranded / Generic - 3.5mm Stereo Plug - 6.35mm Stereo Socket
	<b>CONS3R2F</b> Unbranded / Generic - 3.5mm Stereo Plug to Double RCA Socket




	<b>CONS3S3FD</b> Unbranded / Generic - 3.5mm Stereo Plug to 3.5mm Stereo Double Socket
	<b>CONS3S6FD</b> Unbranded / Generic - 3.5mm Stereo Plug to 6.35mm Stereo Double Socket
	<b>CONS6M3FD</b> Unbranded / Generic - 6.35mm Stereo Plug to 3.5mm Mono Double Socket
	<b>CONS6M6FD</b> Unbranded / Generic - 6.35mm Stereo Plug to 6.35mm Mono Double Socket
	<b>CONS6MM3F</b> Unbranded / Generic - 6.35mm Stereo Plug to 3.5mm Mono Socket
	<b>CONS6MS3F</b> Unbranded / Generic - 6.35mm Stereo Plug to 3.5mm Stereo Socket
	<b>CONS6S3FD</b> Unbranded / Generic - 6.35mm Stereo Plug to 3.5mm Stereo Double Socket
	<b>CONS6S6FD</b> Unbranded / Generic - 6.35mm Stereo Plug to 6.35mm Stereo Double Socket
Mono Adaptors	
Unbranded / Generic	
	<b>CONM2MM3F</b> Unbranded / Generic - 2.5mm Mono Plug to 3.5mm Mono Socket
	<b>CONM2MS3F</b> Unbranded / Generic - 2.5mm Mono Plug to 3.5mm Stereo Socket

	<b>CONM3M3FD</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to 3.5mm Mono Double Socket
	<b>CONM3MPALF</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to PAL Socket
	<b>CONM3MRCD</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to Double RCA Socket
	<b>CONM3MRCF</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to RCA Socket
	<b>CONM3MRF</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug to RCA Socket
	<b>CONM3MS3F</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to 3.5mm Stereo Socket
	<b>CONM3MS6F</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to 6.35mm Stereo Socket
	<b>CONM3PAL</b> <b>Unbranded / Generic</b> - 3.5mm Mono Plug to PAL Plug
	<b>CONM6M6FD</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug to 6.35mm Mono Double Socket
	<b>CONM6MM3F</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug - 3.5mm Mono Socket
	<b>CONM6MRCD</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug to Double RCA Socket

	<b>CONM6MS3F</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug to 3.5mm Stereo Socket
	<b>CONM6S3FD</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug - 3.5mm Stereo Double Socket
	<b>CONM6S6FD</b> <b>Unbranded / Generic</b> - 6.35mm Mono Plug to 6.35mm Stereo Socket

## Scart Adaptors

Unbranded / Generic

	<b>FLYSCRTGLD</b> <b>Unbranded / Generic</b> - Scart Cable Adaptor Metal Housing - CVBS or S-Video plus L&R Audio
	<b>FLYSCRTSMG</b> <b>Unbranded / Generic</b> - SCART to RCA/S-VHS Video Adaptor with Gold Ends
	<b>FLYSCRTYUV</b> <b>Unbranded / Generic</b> - Gold Plated Scart to Component Adaptor

## N Adaptors

Unbranded / Generic

	<b>CONNCM213</b> <b>Unbranded / Generic</b> - N Male Connector for RG213
	<b>CONNCF312</b> <b>Unbranded / Generic</b> - N Male Adaptor - F Female
	<b>CONNCF322</b> <b>Unbranded / Generic</b> - N Female - F Female Adaptor

<b>Available Models:</b>	<b>Unbranded / Generic</b>
F Adaptor Stinger	AMPKDC313
R/A Adaptor 1/2"-RG11 Stinger	CONF55
Adapter Stinger Male to F Female	CONFSTING
KS Pin Adaptor	CONKSFA
KS - KS Pin Joiner	CONKSKS
KS - Housing RT Angle Adaptor	CONKSRTADAP
CATV Terminator TS1945	CONKSTERM

## Adapters

<b>Available Models:</b>	<b>Unbranded / Generic</b>
BNC Male to BL Female Adaptor	CONBA7009
Double BNC male	CONBNC2ML
BNC Male to RCA Male Adaptor	CONBNC2RCA
BNC three female	CONBNC3FEM
BNC Female to RCA Male Adaptor	CONBNC6A
F Female to BNC Female Adaptor	CONF2BNCFM

Female to Male and Male to Female Adapters.

## TV Splitters

### SPLSP3FPP1

SPLSP3FPP1

3 Way "F" Splitter 5-1000MHz P/Pass One Leg DC Pass Only , Use PSK06 ,Label TLE

### SPLSP4FPP1

SPLSP4FPP1

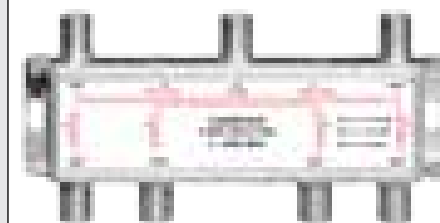
4 Way "F" Splitter 5-1000MHz P/Pass One Leg DC Pass Only ,Use PSK06 ,Label TLE

## Kingray

### SPLKSP6APP

Kingray

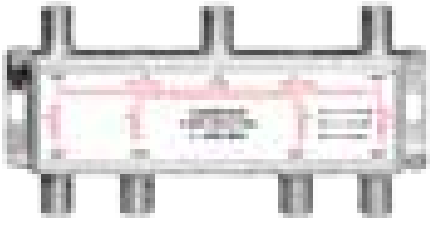
SPLKSP6APP



Kingray 6 Way "F" 5-2400 MHZ Splitter Power Pass All Ports

**SPLKSP6F**

**Kingray** **SPLKSP6F**



6way "F" 5-2400 MHz splitter. P/Pass All legs KSP6F (30964)

<b>Available Models:</b>	<b>Topline</b>
Splitter 2 Way "F" P/Pass	SPL2FPP1
Splitter 6 Way "F" P/Pass	SPL6FPP1
Splitter 8 Way "F" P/Pass	SPL8FPP1

**Splitter 3 Way "F" P/Pass**

**Topline** **SPL3FPP1**



Splitter 3 Way "F" P/Pass 1xLeg 5-900MHz

**Splitter 4 Way "F" P/Pass**

**Topline** **SPL4FPP1**

Splitter 4 Way "F" P/Pass 1xLeg 5-900MHz

## Satellite Splitters

### Digitek

**SPLCS206**

**Digitek** - Digitek 6 Way "F" 5-2400 MHz Splitter. Power Pass All Ports Foxtel Approved

**SPLCS208**

**Digitek** - Digitek 8 Way "F" 5-2400 MHz Splitter. Power Pass All Ports Foxtel Approved

### Kingray

**SPLKSP2APP**

**Kingray** - 2way "F" 5-2400 MHz splitter. P/Pass All legs KSP2APP (F30998)

**SPLKSP2F**

**Kingray** - Kingray 2way "F" 5-2400 MHz splitter. P/Pass All legs KSP2F (F30950)

**SPLKSP3F**

**Kingray** - 3way "F" 5-2400 MHz splitter. P/Pass All legs KSP3F (F30951)

**SPLKSP4APP**

**Kingray** - Kingray 4 Way "F" 5-2400 MHz Splitter Power Pass All Ports

**SPLKSP4F**

**Kingray** - 4way "F" 5-2400 MHz splitter. P/Pass All legs KSP4F (F30952)

**SPLKSP8APP**

**Kingray** - Kingray 8 Way "F" 5-2400 MHz Splitter Power Pass All Ports

**SPLKSP8F**

**Kingray** - 8 Way "F" 5-2400 MHz splitter. P/Pass All legs KSP8F (F30965)

### SignalMAX

**SPLSS2PPSM**

**SignalMAX** - SignalMAX Foxtel Approved Premium 2 Way "F" Splitter 5-2400MHz Power Pass All Ports. Foxtel Approval Number F30061

**SPLSS3PPSM**

**SignalMAX** - SignalMAX Foxtel Approved Premium 3 Way "F" Splitter 5-2400MHz Power Pass All Ports. Foxtel Approval Number F30062

### SPLSS4PPSM

**SignalMAX** - SignalMAX Foxtel Approved Premium 4 Way "F" Splitter 5-2400MHz Power Pass All Ports. Foxtel Approval Number F30063

**SPLSS6PPSM**

**SignalMAX** - SignalMAX Premium 6 Way "F" Splitter 5-2400MHz Power Pass All Ports

**SPLSS8PPSM**

**SignalMAX** - SignalMAX Premium 8 Way "F" Splitter 5-2400MHz Power Pass All Ports

### Topline

**SPL2FSV**

**Topline** - Splitter 2 Way "F" Sat Vertical Ports

**SPL3FSV**

**Topline** - Splitter 3 Way "F" Sat Vertical Ports

**SPL3FVS3P**

**Topline** - Splitter 3 Way FVS3P "F" Sat PP All Legs

**SPL8FVS8P**

**Topline** - Splitter 8 Way "F" Satellite P/Pass All

### Unbranded / Generic

**SPL2FVS2P**

**Unbranded / Generic** - Splitter 2 Way FVS2P "F" Sat PP All Legs

**SPL4FVS4P**

**Unbranded / Generic** - Splitter 4 Way "F" Sat P/Pass All Ports

**SPL8FSV**

**Unbranded / Generic** - Splitter 8 Way "F" Satellite Vertical 5-2300MHz

## Kingray

### SPLSS2APP

Kingray

SPLKSP2APP



2way "F" 5-2400 MHz splitter. P/Pass All legs KSP2APP (F30998)

### SPLKSP2F

Kingray

SPLKSP2F



Kingray 2way "F" 5-2400 MHz splitter. P/Pass All legs KSP2F (F30950)

### SPLKSP3F

Kingray

SPLKSP3F

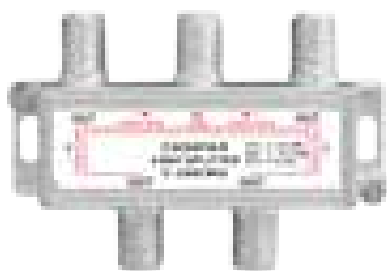


3way "F" 5-2400 MHz splitter. P/Pass All legs KSP3F (F30951)

### SPLKSP4APP

Kingray

SPLKSP4APP



Kingray 4 Way "F" 5-2400 MHz Splitter Power Pass All Ports

### SPLKSP4F

Kingray

SPLKSP4F

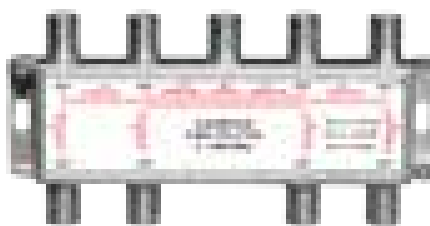


4way "F" 5-2400 MHz splitter. P/Pass All legs KSP4F (F30952)

### SPLKSP8APP

Kingray

SPLKSP8APP

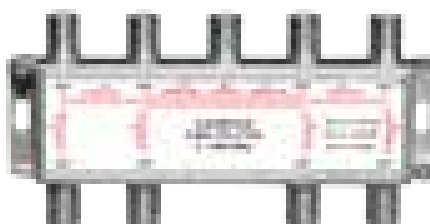


Kingray 8 Way "F" 5-2400 MHz Splitter Power Pass All Ports

### SPLKSP8F

Kingray

SPLKSP8F



8 Way "F" 5-2400 MHz splitter. P/Pass All legs KSP8F (F30965)

## Filters

### Fagor

#### FILNOTCHB3



Fagor - Tunable Band III Filter 20dB

#### FILNOTCHBI



Fagor - Tunable Band I Filter 20dB

#### FILNOTUHF



Fagor - Tunable UHF Filter 20dB

## Unbranded / Generic

#### FILBPBLKA



Unbranded / Generic - Band-Pass Filter Block A, 6~12 (174~230MHz)

#### FILBPBLKB



Unbranded / Generic - Band-Pass Filter Block B, 28~33 (526~568MHz)

#### FILBPBLKC



Unbranded / Generic - Band-Pass Filter Block C, 34~39 (568~610MHz)

#### FILBPBLKD



Unbranded / Generic - Band-Pass Filter Block D, 40~45 (610~652MHz)

#### FILBPBLKE



Unbranded / Generic - Band-Pass Filter Block E, 46~51 (652~694MHz)

## LTE Filters

### Digitek

#### FILLTEAFL



Digitek - Digitek LTE Filter with Flylead UHF Plug Male to F Type Female. Freq. 0-694Mhz Max. Rejection :-50dB

#### FILLTED



Digitek - Digitek LTE Filter UHF Inline F Type Male to F Type Female. Freq. 0-694Mhz Max. Rejection :-50dB

### Kingray

#### FILFL694LP











Kingray - Kingray 55dB inline barrel LTE Filter (5-694Mhz pass) above 694MHz attenuated












#### FILLPJTE25










Kingray - Kingray 25dB LTE Filter (5-694Mhz)

Braid Breaker	
Kingray	
	<b>FILTFBB1</b> <b>Kingray</b> - Kingray Braid Breaker - Eliminates AM Interference and Earth Loop Issues (F in F out)
Surge Protection	
Unbranded / Generic	
	<b>ATTIS2G</b> <b>Unbranded / Generic</b> - Isolator 5-2150GHz Isolation 400~800V DC
	<b>ATTSURGE</b> <b>Unbranded / Generic</b> - In Line Lightning Surge Protector "F" Type Metal Body & Mounting Bracket 3Ghz
	<b>ATTSURGEFOX</b> <b>Unbranded / Generic</b> - 3 GHz In Line Lightning Surge Protector "F" Type. Metal housing & mounting bracket
	<b>ELEIM260023</b> <b>Unbranded / Generic</b> - POWER SURGE ISOLATOR 7530B
Diplexers & Triplexers	
Digitek	
	<b>OUTCINSDIP</b> <b>Digitek</b> - Diplexer Satellite and FTA. For Clipsal Wall Plates. Foxtel Approved - F20925
	<b>OUTHINSDIP</b> <b>Digitek</b> - Digitek FTA / SAT Diplexer to suit HPM Wall Plates
Jonas	
	<b>DIPDSTD</b> <b>Jonas</b> - Jonas FTA/SAT Diplexer Foxtel Approved

Matchmaster	
	<b>DIPDOP2C</b> <b>Matchmaster</b> - Foxtel Approved Diplexer Satellite and FTA Suitable for Clipsal Double Gang Wall Plate. Foxtel Approval Number F10234
	<b>DIPDOP2HC56</b> <b>Matchmaster</b> - Foxtel Approved Diplexer Satellite and FTA Suitable for most Clipsal & HPM Double Gang Wall Plates. Foxtel Approval Number F10235
Novonde	
	<b>DIPGHN</b> <b>Novonde</b> - G.hn Diplexer 5-85, 100-900MHz
Unbranded / Generic	
	<b>DIPADP10F</b> <b>Unbranded / Generic</b> - Diplexer 0-35 & 45-69 Mixer
	<b>DIPCAE102</b> <b>Unbranded / Generic</b> - Diplexer/Separator for combining or separating 5-900 MHz and 950-2150 MHz
	<b>DIPCS101UV</b> <b>Unbranded / Generic</b> - FTA/SAT Diplexers Foxtel Approved F10012
	<b>DIPKDPTSF</b> <b>Unbranded / Generic</b> - FTA/SAT Diplexers 5-862 / 950-2400 MHz
Attenuators	
Jonas	
	<b>ATTF10JE</b> <b>Jonas</b> - Foxtel Approved 6dB F Male to F Female Power Pass Attenuator - 5-2400Mhz

	<b>ATTF3JE</b> <b>Jonas</b> - Foxtel Approved 3dB F Male to F Female Power Pass Attenuator - 5-2400Mhz CAT3FA
	<b>ATTF6JE</b> <b>Jonas</b> - Foxtel Approved 6dB F Male to F Female Power Pass Attenuator - 5-2400Mhz
Unbranded / Generic	
	<b>ATTBL12</b> <b>Unbranded / Generic</b> - Attenuator BL 12dB
	<b>ATTBL24</b> <b>Unbranded / Generic</b> - Attenuator BL 24dB
	<b>ATTBL3</b> <b>Unbranded / Generic</b> - Attenuator BL 3dB
	<b>ATTBL6</b> <b>Unbranded / Generic</b> - Attenuator BL 6dB
	<b>ATTF09</b> <b>Unbranded / Generic</b> - Attenuator F 9dB
	<b>ATTF10</b> <b>Unbranded / Generic</b> - Attenuator F 10dB
	<b>ATTF12</b> <b>Unbranded / Generic</b> - Attenuator F 12dB
	<b>ATTF15</b> <b>Unbranded / Generic</b> - Attenuator F 15dB
	<b>ATTF12PP</b> <b>Unbranded / Generic</b> - Attenuator "F" Type 12db Power Pass



	<b>ATTFF16</b> Unbranded / Generic - Attenuator F 16dB
	<b>ATTFF20</b> Unbranded / Generic - Attenuator F 20dB
	<b>ATTFF3</b> Unbranded / Generic - Attenuator F 3dB Power Passing
	<b>ATTFF6</b> Unbranded / Generic - Attenuator F 6dB
	<b>ATTFF8</b> Unbranded / Generic - Attenuator "F" Type 8db
	<b>ATTP12</b> Unbranded / Generic - Attenuator Pal Type 12db
	<b>ATTP18</b> Unbranded / Generic - Attenuator Pal Type 18db

## Baluns

### Topline

Balun "F" Suit ANTLPA8/16

Topline **BALUNW**



Balun "F" Suit ANTLPA8/16

### Unbranded / Generic

Set Balun F Connector

Unbranded / Generic **BALBT1F**



Set Balun F Connector

F Connector Type Balun With Two Wire

Unbranded / Generic **BALMBT2**



300 ohm to 75 ohm with Moulded Plastic Balun Housing and Solid Core Wire Inputs and F Connector Output

F Connector Type Balun

Unbranded / Generic **BALMBT2TER**



300 ohm to 75 ohm with Moulded Plastic Balun Housing and Solid Core Wire Terminal Inputs and F Connector Output

## Earthing

### Grounding Blocks

#### SignalMAX

4 Way F Connector Grounding Block

SignalMAX **CONFGBOX3G**



SignalMAX Premium Foxtel Approved 4 Way F Connector Grounding Block - Foxtel Approved No.F30244

Grounding Block F81 3GHz -FC49

SignalMAX **CONGRB3G**



SignalMAX Grounding Block F81 3GHz -FC49 Foxtel Approved No. F10461

### Unbranded / Generic

Prevents DC Passing to 1000Mhz

Unbranded / Generic **CONDCBLOCK**



Prevents DC Passing to 1000Mhz

## Flyleads

### PAL Flyleads

FLYQMMB3BP

FLYQMMB3BP



3.0m B/Pack RG6 Quad Flylead M - M Black

### Flylead PALs

Available Models:	Topline
RG6 Quad Flylead PAL Male-Male Black	FLYQMMB
10m RG6 Quad Flylead PAL Male-PAL Male	FLYQMMB10
Black Blister Pack	FLYQMMB10BP
RG6 Quad Flylead M - M	FLYQMMB3
6m RG6 Quad Flylead BL Male-Male	FLYQMMB6

Flylead PAL Leads

### Flylead BL

Available Models:	Unbranded / Generic
Flylead BL Plug White BL Plug	FLYTV155
Flylead BL Plug To Plug	FLYTV155B

Flylead BL Plugs

### Flylead Plugs

Available Models:	Unbranded / Generic
4C2V Flylead Male PAL to Female PAL	FLYTV156
BL Plug to VCR Socket	FLYTV156B
Flylead Male PAL to Male PAL	FLYTV157
Flylead Female PAL to Male PAL	FLYTV158

Generic Flylead Plugs

## Manual Switches

### SignalMAX

SWIAV41




**SignalMAX** - Composite TV Selector - 4 x Input 1 x Output with a 3-RCA Lead supplied

Unbranded / Generic

	<b>SWITVA4</b> Unbranded / Generic - Switch A/B Push Button RF 'F' Type
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## Installation Consumables

### PPC

	<b>MSTWTHBOOT</b> PPC - RG6 PPC Weatherboot to protect cable to balun connection
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### Unbranded / Generic

	<b>MSTWBOOT</b> Unbranded / Generic - Weatherboot to protect cable to balun connection
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	<b>RAWBOOTSML</b> Unbranded / Generic - Rubber Weatherboot Seal Small (Connector)
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## Cable Clips

### Digitek

	<b>ICNCL6BT</b> Digitek - Economy Cable Clip 6mm Black with Masonary Nail (Box of 100)
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	<b>ICNCL7BT</b> Digitek - Economy Cable Clip 7mm Black with Masonary Nail (Box of 100)
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### Hills

	<b>ICNCABSIAM</b> Hills - Hills Cable Clip Siamese Black with Hard Nail. Sold in a Box of 100
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### Slegers

	<b>ICNCABCL6</b> Slegers - Slegers Brand 6mm Round Cable Clip with Hard Nail. Sold in a Box of 100
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	<b>ICNCABCL7</b> Slegers - Slegers Brand 7mm Round Cable Clip with Hard Nail. Sold in a Box of 100
---	---


## Cable Ties

### Unbranded / Generic


	<b>ICNCAB383</b> Unbranded / Generic - Tie 383mm Cable Black Per 100
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	<b>ICNCAB533</b> Unbranded / Generic - Tie 530mm Cable Black Per 100
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	<b>ICNCABT100</b> Unbranded / Generic - Cable Tie 100mm x 2.5mm Black 4" (Bag of 100)
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	<b>ICNCABT150</b> Unbranded / Generic - Cable Tie 150mm Black (Bag of 100)
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	<b>ICNCABT195</b> Unbranded / Generic - Black UV-stabilized PVC Cable Tie 195mm (Length) x 4.8mm (Diameter)
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	<b>ICNCABT300</b> Unbranded / Generic - Cable Tie 300mm Black (Bag of 100)
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## Tape

	<b>ICNAMLTAPES5</b> Amalgam Tape (5M Per Roll) Tape With Plastic Cover (25mm Wide)
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	<b>ICNSEAAMALG</b> Amalgam Sealing Tape 0.8mm x 25mm x 5m
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## Nitto


	<b>ICNAMLNITO</b> Nitto - Nitto Number 11 Amalgamating Tape (0.5mm x 19mm x 10m)
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	<b>ICNELENIT</b>
	Nitto - Nitto Electrical Tape 20m x 18mm Black
<b>Wattmaster</b>	
	<b>ICNELETPWM</b>
	<b>Wattmaster</b> - Wattmaster or Trade Mate Electrical Tape Black (0.18mm x 18mm x 20m) WATPVC-BLAT
	<b>ICNELEWMWH</b>
	<b>Wattmaster</b> - Wattmaster or Trade Mate Electrical Tape White (0.18mm x 18mm x 20m)
<b>Decktites</b>	
<b>Unbranded / Generic</b>	
	<b>ICNDEKMINI</b>
	<b>Unbranded / Generic</b> - Decktite Seal Mini 0-35mm Pipe Rubber Flashing
	<b>ICNDEKSM</b>
	<b>Unbranded / Generic</b> - Aquarius ASE1B5-45 Small Pipe Flashing Rubber Boot (Decktite Seal)
<b>Silicon</b>	
	<b>ICNSILICON</b>
	
<b>Unbranded / Generic</b>	
	<b>ICNSILONJE</b>
	<b>Unbranded / Generic</b> - Silglaze N10 Clear Silicone Tube 300ml
<b>Masthead Case</b>	
<b>Kingray</b>	
	<b>AMPMHB001</b>
	<b>Kingray</b> - Empty masthead amplifier case with cable tie

<b>Batteries</b>	
<b>Duracell</b>	
	<b>BATTERY9V</b>
	<b>Duracell</b> - Duracell Alkaline 9 Volt Battery
	<b>BATTERYAA</b>
	<b>Duracell</b> - Duracell Alkaline AA Battery
	<b>BATTERYAAA</b>
	<b>Duracell</b> - Duracell Alkaline AAA Battery
<b>Cleaners and Lubricants</b>	
<b>CRC</b>	
	<b>ICNCRC2005</b>
	<b>CRC</b> - Contact Cleaner Lubricant
	
	<b>ICNCRC2018</b>
	<b>CRC</b> - CRC Lectra Clean. Degreaser for Electrical/Mechanical Equipment
	
	<b>ICNCRC2094</b>
	<b>CRC</b> - Silicone Lubricant 300g
	
	<b>ICNCRC226</b>
	<b>CRC</b> - Aerosol Lubricant, Displaces And Repels Moisture. Suitable For All Metals
	
	<b>ICNCRC556</b>
	<b>CRC</b> - CRC 5.56 Multi-Purpose Penetrant Lubricant
	
	<b>ICNCRCAIRBR</b>
	<b>CRC</b> - CRC Air Brush. Dry, Multi-Purpose Cleaner
	
	<b>ICNCRCFRZ</b>
	<b>CRC</b> - Freeze CRC 300g (AER2039)
	
	<b>ICNCRCGLCL</b>
	<b>CRC</b> - CRC Glass Cleaner 500g

	<b>ICNCRCCLANO</b>
	<b>CRC</b> - CRC Lanoshield. Protects And Lubricates
	<b>ICNCRCPL70</b>
	<b>CRC</b> - CRC Plasticote 70. Clear Protective Lacquer To Protect Printed Circuit Boards.
	<b>ICNCRCREDSEAL</b>
	<b>CRC</b> - Red Polyurethane Coating. Protects Electric Motors.
	<b>ICNCRCCTYCL</b>
	<b>CRC</b> - CRC So Easy Foam Tyre Cleaner
	<b>ICNCRCZINC</b>
	<b>CRC</b> - CRC Zinc-IT. Galvanic Rust Protection.
<b>Conduit</b>	
<b>Unbranded / Generic</b>	
	<b>ICNCOND20</b>
	<b>Unbranded / Generic</b> - 20mm Conduit Grey 4m
	<b>ICNCOND20W</b>
	<b>Unbranded / Generic</b> - 20mm Conduit White 4m Telecomms
	<b>ICNCOND25</b>
	<b>Unbranded / Generic</b> - 25mm Conduit Grey 4m
	<b>ICNCOND25W</b>
	<b>Unbranded / Generic</b> - 25mm Conduit White 4m Telecomms
<b>Conduit Incidentals</b>	
<b>Unbranded / Generic</b>	
	<b>DUCSAD25</b>
	<b>Unbranded / Generic</b> - Conduit Metal Half Saddle 25mm

	<b>ICNCNBX201</b> Unbranded / Generic - Junction Box 20mm 1 Way
	<b>ICNCNBX251</b> Unbranded / Generic - Junction Box Shallow 25mm 1 Way
	<b>ICNCNBX252</b> Unbranded / Generic - Junction Box Shallow 25mm 2 Way
	<b>ICNELBOW16</b> Unbranded / Generic - 16mm Elbows For Conduit
	<b>ICNELBOW20</b> Unbranded / Generic - 20mm Elbows for Conduit (Grey)
	<b>ICNELBOW25</b> Unbranded / Generic - 25mm Elbows for Conduit (Grey)
	<b>ICNJNER20</b> Unbranded / Generic - 20mm Joiner For Conduit
	<b>ICNJNER25</b> Unbranded / Generic - Conduit Joiner/Coupling 25mm Grey
	<b>ICNSAD16</b> Unbranded / Generic - 16mm Conduit Half Saddle Zinc Plated
	<b>ICNSAD20</b> Unbranded / Generic - 20mm Conduit Half Saddle Zinc Plated
	<b>ICNSAD25</b> Unbranded / Generic - 25mm Conduit Half Saddle Zinc Plated
	<b>ICNSAD25G</b> Unbranded / Generic - 25mm Conduit Half Saddle Galvanised

	<b>ICNTEE20MM</b> Unbranded / Generic - 20mm Conduit Tee
	<b>ICNTEE25MM</b> Unbranded / Generic - 25mm Conduit Tee
<b>Drill Bits</b>	
<b>Unbranded / Generic</b>	
	<b>ICNDRLM5MM</b> Unbranded / Generic - Masonry Drill Bit -Single Brick-5mm
	<b>ICNDRLM6MM</b> Unbranded / Generic - Masonry Drill Bit -Single Brick-6mm
<b>Ducting</b>	
<b>Unbranded / Generic</b>	
	<b>ICNDUC1616</b> Unbranded / Generic - PVC Ducting White 16mm x 16mm (4m Length)
	<b>ICNDUC2516</b> Unbranded / Generic - PVC Ducting White 25mm x 16mm (4m Length)
	<b>ICNDUC2525</b> Unbranded / Generic - PVC Ducting White 25mm x 25mm (4m Length)
<b>Figure 8 Leads</b>	
<b>Unbranded / Generic</b>	
	<b>ELEPC1RA</b> Unbranded / Generic - Leads 2m AC Plug R/A - 2 Pin Fig 8 R/A
	<b>ELEPC1UP</b> Unbranded / Generic - Leads 1.8m PC1 AC Plug - 2 Pin Figure 8

	<b>ICNACL104</b> Unbranded / Generic - ACL104 1.8m Figure 8 Power Cord with Insulated Pins
	<b>ICNR720AC</b> Unbranded / Generic - R720AC 2m Figure 8 Power Cord Right Angled
<b>Nail In</b>	
<b>Unbranded / Generic</b>	
	<b>ICNTAPPIN</b> Unbranded / Generic - 5mm x 25mm Nylon Tap Ins Round Head
	<b>ICNWMNYLON</b> Unbranded / Generic - Wall Mate Nylon for Plasterboard Use
	<b>ICNWPLUGR</b> Unbranded / Generic - Wall Plug Red - Nylon
	<b>ICNWPWHT</b> Unbranded / Generic - Wall Plug White - Nylon
<b>Screws</b>	
<b>Unbranded / Generic</b>	
	<b>HARTS2</b> Unbranded / Generic - Hardware TekScrew Hex 12-14 X 55 (2")
	<b>HARTS4</b> Unbranded / Generic - Hardware TekScrew Hex 14-10 x 100 (4")
	<b>ICNDS61820</b> Unbranded / Generic - Dry Wall Screw (6-18x20) Zinc Plate Bags of 100
	<b>ICNDS61825</b> Unbranded / Generic - Needle Point Bugle Head Drywall Screw 6-18 x 25 Zinc Yellow

	<b>ICNDS61830</b>
	<b>Unbranded / Generic -</b> Needle Point Bugle Head Drywall Screw 6-18 x 30 Zinc Yellow
	<b>ICNDS61850</b>
	<b>Unbranded / Generic -</b> Dry Wall Screw (6-18x50) Zinc Plate Bags of 50
	<b>ICNWALLDOG</b>
	<b>Unbranded / Generic -</b> Wall-Dog Chrome Pan Head Screw Anchor

## Staples

### Unbranded / Generic

	<b>ICNSTAPFT</b>
	<b>Unbranded / Generic -</b> Flat Staples for TOO- STAPLEGUN - 500pcs per box

## Tape

### ICNAMLTAPES

#### ICNAMLTAPES

Amalgam Tape (5M Per Roll) Tape With Plastic Cover (25mm Wide)

### SEAAMALG

#### ICNSEAAMALG



Amalgam Sealing Tape 0.8mm x 25mm x 5m

## Tools

### Digitek

#### Cable Tester

Digitek

TOOCABTKIT



Cable Tester (16NCTKIT) designed for RF Cable Applications (Tone Detector and Short Circuit LED) with BNC, F, RCA, RJ45 and RJ11 Adaptors

### Gold Tool

#### Pro LCD Cable Multifunction Tester

Gold Tool

TOOTCT2690P



TCT2690P Pro LCD Cable Multifunction Tester (GOLDTOOL) GCT2690P

### Kingray

#### cable stripping tool

Kingray

TOOKST659



Kingray cable stripping tool for RG59 and RG6 coaxial cable.

## PCT

### Compression F Connector Tool

PCT

TOOCMPCT



Jamell Cables

PCT Compression F Connector Tool TRS RG59-6 & DRS RG11

### PCT Compression F Connector Tool

PCT

TOOTECNCT



PCT Compression F Connector Tool TCTECNCT For RG59- 6 Cable (Foxtel Approved)

## SignalMAX

### Torque Ring Spanner

SignalMAX

TOOSPANNER



SignalMax Torque Ring Spanner (13-14mm)

## Topline

### DRILL CAVITY EXT. IN CASE

Topline

TOODRILLEXT



DRILL CAVITY EXT. IN CASE

## DRILL EXTENTION ROD

Topline **TOOEXT300**



DRILL EXTENTION ROD 300MM

## Drill End - Grub Screw Lock

Topline **TOOEXTEND**



Drill End - Grub Screw Lock

## Drill End - Brass Lock

Topline **TOOEXTLOCK**



Drill End - Brass Lock

## F Connector RG11 Tightening Tool -

Topline **TOOFTW11**



F Connector RG11 Tightening Tool - Tightens to between 10 and 12 inch pounds of Torque

## Spade Bits to Suit Drill Kit

Topline **TOOSPADEBITS**



Spade Bits to Suit Drill Kit

## F Connector Tightening Tool

Topline **TOOTCTT**



F Connector Tightening Tool - Tightens to between 10 and 12 inch pounds of torque

## Cable Tester

Topline **TOOESTONER**

Cable Tester (16NCT) designed for RF Cable Applications (Tone Detector and Short Circuit LED)

## Hard Line Cable Tube Cutter

Topline **TOOTUBECUT**



Hard Line Cable Tube Cutter

**Unbranded / Generic**

## 4-in-1 Compression Tool for Compression Connectors

Unbranded / Generic **TOOCHT518E2**



4-in-1 Compression Tool for Compression Connectors F,BNC,RCA & Pal

## Compression Tool

Unbranded / Generic **TOOCHT518G**



4-in-1 Tool - F/RCA/BNC/IEC

## Compression Tool for RG6 and RG59 Compression F Connectors

Unbranded / Generic **TOOCMP518A**



RG6Q Handy Compression Tool for SignalMAX RG6 and RG59 Compression F Connectors

## RG11Q Compression Connector Tool

Unbranded / Generic **TOOCMPRG11**



RG11Q Compression Connector Tool for SignalMAX RG11 Compression F Connectors

## Manually Adjustable Multi Compression Tool

Unbranded / Generic **TOOCOMULTI**

Manually Adjustable Multi Compression Tool F / RCA / BNC

## Hex Crimp Tool for RG6 & RG11 Connector

Unbranded / Generic **TOOCP106M**



Hex Crimp Tool for RG6 & RG11 Connector

## Fibreglass Rod - Cable Puller

Unbranded / Generic

TOOELMF4



**WATTMASTER  
ELMF Green  
Ferret**

Fibreglass Rod - Cable Puller "Ferret"

## Compression F Connector Tool

Unbranded / Generic

TOOHTH528A

Compression F Connector Tool For RG6 & RG11 .HT H528-A3

## Insert for the 4-in-one Compression Tool

Unbranded / Generic

TOOINSF000



Insert for the 4-in-one Compression Tool for the Micro Signal-Max Compression F Connector (CONF6QC000)

## Hex Crimp Tool Kit

Unbranded / Generic

TOOKIT3003



Hex Crimp Tool Kit for RG59/RG6 F Connectors with Rotary Stripper & Wire Cutter

## Compression Tool Kit

Unbranded / Generic

TOOKIT3004



Compression Tool Kit including Compression Tool with Attach-

ments (F, BNC, IEC, RCA), Cable Stripper and Cable Cutter

## Cable Staple Gun with Adjustable Tension

Unbranded / Generic

TOOSTAPGUN



Cable Staple Gun with Adjustable Tension - includes 1000 staples

## 3 Blade Coaxial Cable Rotary Stripper

Unbranded / Generic

TOOSTRO3BL



3 Blade Coaxial Cable Rotary Stripper (RG59 & RG6) with Hex Key to Align the Socket and Adjust the Blades (HT-322)

## 2 Blade Coaxial Cable Rotary Stripper

Unbranded / Generic

TOOSTROT



2 Blade Coaxial Cable Rotary Stripper (RG59 & RG6) with Hex Key to Align the Socket and Adjust the Blades

Unbranded / Generic

TOOSTRPBLA

## RG11 Rotary Cable Stripper

Unbranded / Generic

TOOSTRPG11

RG11 Rotary Stripper

## Safety

### Laddersafe

Steel, Heavy Duty, Ribbed Gutter Protection

Laddersafe

ICNLDRSAFE



Laddersafe - Steel, Heavy Duty, Ribbed Gutter Protection. Prevents Sideways Ladder Movement

## Field Strength Equipment

DIGIAIRPROT2

DIGIAIRPROT2



Analog / Digital Signal Meter

### Digitek

ASF-7000 Digital Signal Meter

Digitek

FSMASF7000



ASF-7000 Digital Signal Meter (Terrestrial & Satellite). DVB-S, DVB-S2 & DVB-T, DVB-T2. 5 TFT LCD

## Roversat

### TAB7-Spectrum Analyser

Roversat

FSMTAB7



RoverSat TAB7-Spectrum Analyser-TV/SAT/CABLE Foxtel Approved F30855. App for Backbone and Fit-off MDU, commercial & TDT (QAM)

### Rover TV Expert Digital Meter Terres

Roversat

TESTVEXPERT



FSM Rover TV Expert Digital Meter Terres

## Satking

### Satking SK-6000 meter

Satking

FSMSF6000



Satking SK-6000 meter is perfect for VAST satellite TV and any other MPEG4 high definition satellite tv service. 3.7" Colour LCD screen.MPEG2/4 compliant MER,BER,C/N,dB Microvolts

### SK-3200 Satellite Meter

Satking

FSMSK3200



SatKing SK-3200 Satellite Meter designed for VAST satellite TV C1 Only

### SK-3500 is digital satellite meter

Satking

FSMSK3500



SatKing SK-3500 is digital satellite meter specially designed for VAST satellite TV. The unit has been pre-programmed with the VAST parameters pre-set making the meter very easy to use

### SK-7000 terrestrial High Definition meter

Satking

FSMSK7000



Satking SK-7000 terrestrial High Definition meter.This meter will display all digital channels and it will also display live colour picture and sound just like a compact TV

### SK9000HD Combination FSM

Satking

FSMSK9000



Satking SK9000HD Combination FSM

### High Definition Terrestrial TV Meter

Satking

SK2500



SK-2500 High Definition Terrestrial TV Meter

## Sefram

### CAR LIGHTER 12VDC SOCKET ADAPTOR

Sefram

FSMCARCIG

Car Lighter 12VDC Socket Adaptor

### 7806 Terrestrial & satellite FSM

Sefram

FSMHIR7846

Sefram 7806 Terrestrial & satellite FSM for Daily Hire

### 7849 Compact TV Meter for terrestrial

Sefram

FSMSEF7849



Sefram 7849 Compact TV Meter for terrestrial (DVB-T and DVB-T2), cable (DVB-C/C2) and satellite (DVB-S and DVB-S2) TV

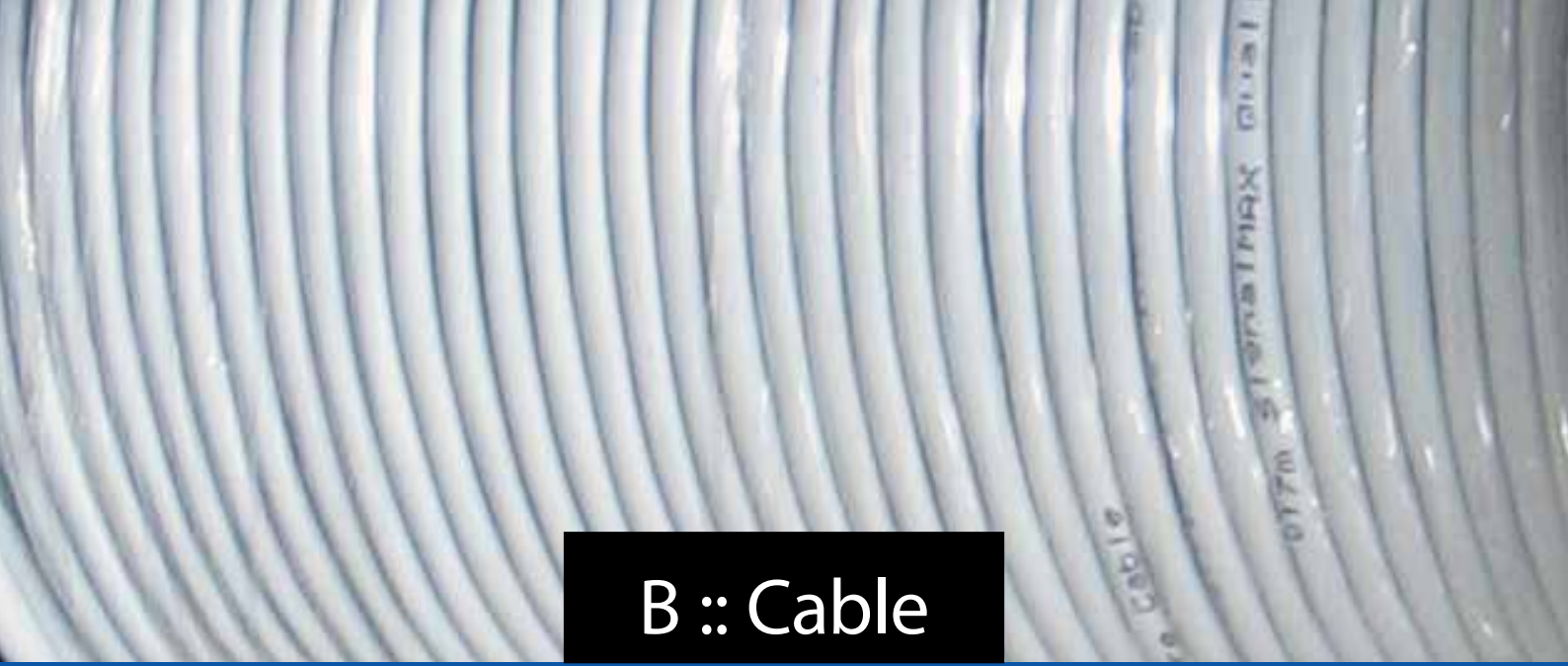
### WIFI MODULE FOR 780X

Sefram

FSMSEFWIFI

Wi-Fi Module for Sefram 780X Series FSM's





# B :: Cable

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Technology :: Support :: Solutions

Brisbane :: Cairns :: Sunshine Coast :: Newcastle

## Coaxial Cable

### RG6 Coax Cable

**Belden**

RG6 Quad Shield Pull-Out Box,

Belden

CABBRG6QB



Belden Foxtel Approved RG6 Quad Shield Coax in Pull Out Box (305m)

RG6 Quad Shield Wooded Reel

Belden

CABBRG6QR



Belden Foxtel Approved RG6 Quad Shield Coax on Plywood Spool (305m)

Shield Wooden Drum, Black, 30

Belden

CABBRG6TR



Belden Foxtel Approved Tri Shield Coax on Plywood Spool (305m)

RG6 Tri Shield Siamese Wooden Drum,

Belden

CABBRG6TS



Belden RG6 Tri Shield Siamese Coax on Plywood Spool (152m)

**Jonsa**

RG6 Quad Shield Wooden Drum

Jonsa

CABCRG6UBQ



Jonsa Foxtel Approved RG6 Quad Shield Coax on Plywood Spool (305m)

RG6 Quad Shield Pull-Out Box,

Jonsa

CABCRG6UBQB



Jonsa Foxtel Approved RG6 Quad Shield Coax in in Pull Out Box (305m)

Twin Siamese RG6 Quad Shield Wooden Drum

Jonsa

CABCRG6UBQS



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Jonsa Foxtel Approved Twin Siamese RG6 Quad Shield Coax on Plywood Spool (152m)

RG6 Tri Shield Wooden Drum

Jonsa

CABCRG6UBT



Jonsa Foxtel Approved RG6 Tri Shield Coax on Plywood Spool (305m)

Twin RG6 Tri Shield Wooden Drum

Jonsa

CABCRG6UBTS



Jonsa Foxtel Approved Twin Siamese RG6 Tri Shield Coax on Plywood Spool (152m)

## SignalMAX

RG6 Quad 305m Spool

SignalMAX

CABRG6QS



SignalMAX Professional RG6 Quad Shield Coax on Plywood Spool (305m)

Premium RG6 Quadshield

SignalMAX

CABRG6QS100



SignalMAX Professional RG6 Quad Shield Coax on Plastic Spool (100m)

Domestic RG6 Quad Shield Cable

SignalMAX

CABRG6QSBD



SignalMAX RG6 Domestic Grade Quad Shield Coax in Economy Pull Out Box (305m)

RG6 Quad Shield Cable

SignalMAX

CABRG6QSBE



SignalMAX RG6 Quad Shield Coax in Economy Pull Out Box (305m)

## RG6 Quad Shield Cable

SignalMAX

CABRG6QSBP



SignalMAX Professional RG6 Quad Shield Coax in Pull Out Box (305m)

## RG6 Quad Super Feed Box 305m White

SignalMAX

CABRG6QSBW

SignalMAX RG6 Quad Shield Coax in Economy Pull Out Box (305m) White

## Preium RG6 Twin (Siamese) Quadshield

SignalMAX

CABRG6QSD



SignalMAX Premium RG6 Twin (Siamese) Quadshield Cable 152m Wooden Reel

## RG6 Quad Shield Cable

SignalMAX

CABRG6QSE

SignalMAX Economy RG6 Quad Shield Coax on Plywood Spool (305m)

## RG6 Quad SPOOL/REEL 305m White

SignalMAX

CABRG6QSEW



SignalMAX Economy White RG6 Quad Shield Coax on Plywood Spool (305m)

## Premium RG6 Quadshield

SignalMAX

CABRG6QSM



SignalMAX Premium RG6 Quad Shield Messenger Coax on Plywood Spool (305m)

## Topline

### Cable TV 750m .500" Hardline Trunk

Topline

CAB500

Cable TV 750m .500" Hardline Trunk

### Cable CB 100m RG213

Topline

CAB50RG213



Cable CB 100m RG213

### Cable CB100m RG58C/U

Topline

CAB50RG58



Cable CB100m RG58C/U

### CAT6 Data Cable Per Metre

Topline

CABCAT6PM

CAT6 Data Cable Per Metre

### RG 6 DUAL FLOODED

Topline

CABRG6DBF305

RG 6 DUAL FLOODED

## RG6 Duo Shield Cable

Topline

CABRG6DUSPOX



Topline RG6 Duo Shield Coax in Economy Pull Out Box (305m)

## RG6 Quad Premium

Topline

CABRG6Q



RG6 Quad Premium 305m SPOX

## Budget SuperFeed RG6 Quad Shield Cable

Topline

CABRG6QB



Topline RG6 Quad Shield Coax in Economy Pull Out Box (305m)

## Superfeed RG6 Quad Shield Cable

Topline

CABRG6QP



Topline Professional Grade RG6 Quad Shield Coax in Pull Out Box (305m)

## Unbranded / Generic

### 412 Flexible Flooded Trunk

Unbranded / Generic CAB412F500

412 Flexible Flooded Trunk 500m

### .750 3/4" Hard Line Trunk Cable P/M

Unbranded / Generic CAB750PM

.750 3/4" Hard Line Trunk Cable P/M

### RG6Quad on 305M Reels

Unbranded / Generic CABRG6QFOX

### RG6 Quad Premium TLC 500m

Unbranded / Generic CABRG6QP500



RG6 Quad Premium TLC 500m

### RG6 Quad Shield Cable Professional Grade Per Meter

Unbranded / Generic CUTRG6Q



RG6 Quad Shield Cable Professional Grade Per Meter

## RG59 Coax Cable

### SignalMAX

### RG59 Quad Shield Coax in Pull Out Box

SignalMAX CABRG59QSB



SignalMAX RG59 Quad Shield Coax in Pull Out Box (305m)

## RG59 & Fig 8 Coax Cable

### SignalMAX

### RG59 Copper Coax

SignalMAX CABRG59F8H

SignalMAX RG59 Copper Coax (95% Braid) + Fig 8 Power Cable on Plywood Spool (305m)

### RG59 Copper Coax

SignalMAX CABRG59F8H100



SignalMAX RG59 Copper Coax (95% Braid) + Fig 8 Power Cable on Plywood Spool (100m)

### Topline

### RG59 BU CCTV with FIG 8 Siamese

Topline CABRG598250R



RG59 BU CCTV with FIG 8 Siamese 250m

### RG59U CCTV 90% Copper Screen

Topline CABRG59BU250



RG59U CCTV 90% Copper Screen 250m Box

### RG59 Quad White 100m Roll

Topline CABRG59QW100



RG59 Quad White 100m Roll

## RG11 Coax Cable

### Available Models:

RG11 Quad Flooded Cable 305m	Jonsa CABRG11QFFX
RG11 Quad Flooded Cable 305m	CABRG11QFX

### RG11 Quad Flooded Cable 305m

Jonsa CABRG11QFX



Jonsa Foxel Approved RG11 Quad Shield Coax on Plywood Spool (305m)

### SignalMAX

### Premium RG11 Quad Shield

SignalMAX CABRG11QS

SignalMAX Premium RG11 Quad Shield Coax on Plywood Spool (305m) (Not Pay TV Approved)

#### Specifications:

Cable Type	RG11
Inner Conductor	1.63mm Copper clad steel
Dielectric	7.11mm Foamed PE
Conductor	8.00mm Bonded Aluminium Foil + Aluminium Braid + Un-bonded Aluminium Foil + Aluminium Braid
Jacket	10.16mm Black PVC
Drum	305m Spool

## Premium RG11 Quadshield

SignalMAX

CABRG11QSM



SignalMAX Premium RG11 Quad Shield Messengered Coax on Plywood Spool (305m) (Not Pay TV Approved)

### Specifications:

<b>Cable Type</b>	RG11
<b>Inner Conductor</b>	1.63mm Copper clad steel
<b>Dielectric</b>	7.11mm Foamed PE
<b>Conductor</b>	8.00mm Bonded Aluminium Foil + Aluminium Braid + Un-bonded Aluminium Foil + Aluminium Braid
<b>Jacket</b>	10.16mm Black PVC
<b>Drum</b>	305m Spool

## Topline

### RG11 Quad Flooded 305m

Topline

CABRG11QFP305

RG11 Quad Flooded 305m

### RG11 Quad Premium 305m

Topline

CABRG11QP305

RG11 Quad Premium 305m

### RG11 Quad Premium

Topline

CABRG11QPMES

RG11 Quad Premium / Messengered 305m

## Category Cable

### Kramer

#### BC-UNIKat/LSHF/BK-305M

Kramer

KRCAT6ABK

Universal Cat6A U/FTP Cable for Networking and AV use - BLACK, 305m

#### BC-UNIKat/LSHF-305M

Kramer

KRCAT6ABL

Universal Cat6A U/FTP Cable for Networking and AV use - BLUE, 305m

#### BC-UNIKat/LSHF/PR-305M

Kramer

KRCAT6APR

Universal Cat6A U/FTP Cable for Networking and AV use - PURPLE, 305m

## Cat5e

### Digitek

#### Digitek CAT5e Solid Blue 305m

Digitek

CABCAT5BBK

Digitek CAT5e Solid Blue 305m

### SignalMAX

#### SignalMAX CAT5e Solid White 305m

SignalMAX

CABCAT5EWH



SignalMAX CAT5e Solid White 305m

## CAT5e Approved 305m Superfeed Carton

SignalMAX

CAT5EBLAPP



Blue SignalMAX CAT5e Approved 305m Superfeed Carton

## CAT5e Approved 305m Superfeed Carton

SignalMAX

CAT5EGYAPP



Grey SignalMAX CAT5e Approved 305m Superfeed Carton. 4x2x(0.50mmCU+0.88mmHDPE)+Rip-cord+5.0mmPVC

## CAT5e Approved 305m Superfeed Carton

SignalMAX

CAT5ERDAPP



Red SignalMAX CAT5e Approved 305m Superfeed Carton. 4x2x(0.50mmCU+0.88mmHDPE)+Rip-cord+5.0mmPVC

## Topline

### CAT5E Data Cable 4 Pair 100m

Topline

CABCAT5E100

CAT5E Data Cable 4 Pair 100m

## Unbranded / Generic

### CAT5E Data Cable 4 Pair PER/M

Unbranded / Generic

CABCAT5PM

CAT5E Data Cable 4 Pair PER/M

# Bulk Cable

## Outdoor grounded

### Outdoor grounded :: Ubiquiti

Tough Cable Outdoor Shielded CAT5 Cable Black Per Metre

Ubiquiti **CUTUBTCPRO**



Tough cable - Ubiquiti Networks TC-Pro Outdoor Shielded CAT5 Cable Black Per Metre

1m pre-terminated grounded outdoor Cat5e tough cable

Ubiquiti **UBICABGR1**



Pre-terminated Grounded outdoor Cat5e Tough Cable (1m)

10m pre-terminated grounded outdoor Cat5e tough cable

Ubiquiti **UBICABGR10**



Pre-terminated Grounded outdoor Cat5e Tough Cable (10m)

pre-terminated grounded outdoor Cat5e tough cabl

Ubiquiti **UBICABGR20**



Pre-terminated Grounded outdoor Cat5e Tough Cable (20m)

pre-terminated grounded outdoor Cat5e tough cabl

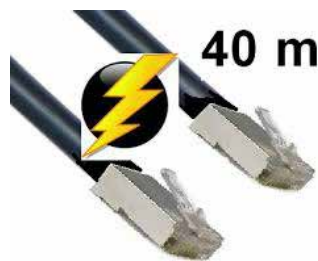
Ubiquiti **UBICABGR30**



Pre-terminated Grounded outdoor Cat5e Tough Cable (30m)

pre-terminated grounded outdoor Cat5e tough cabl

Ubiquiti **UBICABGR40**



Pre-terminated Grounded outdoor Cat5e Tough Cable (40m)

## Cat6

### Blustream

HDBaseT Certified CAT6 Cable - 305m pull box (Yellow)

Blustream **CABHDBTCAT6**

Blustream HDBaseT Certified CAT6 Cable - 305m pull box (Yellow)

### Digitek

Digitel CAT6 Solid Grey 305m

Digitek **CABCAT6G**



Digitek CAT6 Solid Grey 305m

CAT6 Underground Gel Filled. 305m

Digitek **CAT6GELFBK**



CAT6 Underground Gel Filled. 305m

### Direct Cable Supplies

Cat 6, Black Outer PE Jacket.

Direct Cable Supplies **CAT6FLOOD**



Outdoor Cat 6, Black Outer PE Jacket. Four 23AWG twisted solid copper pairs containing a separator. 300m Plywood Spool Countdown metre marked

### Grove

Grove 4 Pair Grey UTP Cat6 Cable Box

Grove **GN0002GREY**



Grove 4 Pair Grey UTP Cat6 Cable Box (305m)

Grove 4 Pair Grey U/FTP Cat6A Cable Box

Grove **GN0006**



Grove 4 Pair Grey U/FTP Cat6A Cable Box (305m)

# Bulk Cable

## SignalMAX

CAT6 Approved 305m Superfeed Carton.

SignalMAX

CAT6BLAPP



Blue SignalMAX CAT6 Approved 305m Superfeed Carton. 4x2x(0.565mmCU+1.02mmHDPE)+Rip-cord+Separator+6.2mmPVC

CAT6 Approved 305m Superfeed Carton.

SignalMAX

CAT6GNAPP



Green SignalMAX CAT6 Approved 305m Superfeed Carton. 4x2x(0.565mmCU+1.02mmHDPE)+Rip-cord+Separator+6.2mmPVC

Outdoor Shielded FTP CAT6 Approved 305m Superfeed Carton

SignalMAX

CAT6ODAPP



SignalMAX Outdoor Shielded FTP CAT6 Approved 305m Superfeed Carton.

CAT6 Approved 305m Superfeed Carton.

SignalMAX

CAT6ORAPP



Orange SignalMAX CAT6 Approved 305m Superfeed Carton.

CAT6 Approved 305m Superfeed Carton.

SignalMAX

CAT6YLAPP



Yellow SignalMAX CAT6 Approved 305m Superfeed Carton. 4x2x(0.565mmCU+1.02mmHDPE)+Rip-cord+Separator+6.2mmPVC

## Outdoor grounded

### Outdoor grounded ::

30m pre-terminated grounded outdoor Cat6 cable

CAT6OD30HD



30m pre-terminated grounded outdoor Cat6 cable

3m pre-terminated grounded outdoor Cat6 cable

CAT6OD3HD



m pre-terminated grounded outdoor Cat6 cable

### Outdoor grounded :: SignalMAX

Cat 6 Outdoor Black Patch Lead 1m

SignalMAX

CAT6ODGFP1

Cat 6 Outdoor grounded/shielded pre-terminated cable (1m)

Cat 6 Outdoor Black Patch Lead 10m

SignalMAX

CAT6ODGFP10

Cat 6 Outdoor grounded/shielded pre-terminated cable (10m)

Cat 6 Outdoor Black Patch Lead 20m

SignalMAX

CAT6ODGFP20

Cat 6 Outdoor Black Patch Lead 20m (FTP+Drain Wire+Shielded Connectors)

Cat 6 Outdoor Black Patch Lead 5m

SignalMAX

CAT6ODGFP5

Cat 6 Outdoor grounded/shielded pre-terminated cable (5m)

## Grounding & Surge Protection

### MSTronics

Outdoor Anti-UV Surge Protector Waterproof Enclosure

MSTronics

MTSPBOXOD



MSTronic Outdoor Anti-UV Surge Protector Waterproof Enclosure

GbE POE Surge Protector with Earth Lead MS-T100E

MSTronics

MTSPGBPOE



MSTronics GbE POE Surge Protector with Earth Lead MS-T100E

## Ubiquiti

### Ubiquiti Ethernet Surge Protector (09/11/15)

Ubiquiti

UBIETHSP



Ubiquiti Ethernet Surge Protector

#### Specifications

<b>Dimensions</b>	91 x 61 x 32.5 mm (3.58 x 2.4 x 1.28")
<b>Weight</b>	80 g (2.82 oz)
<b>Interface Connections</b>	(2) RJ45 Female Connectors
<b>ESD/EMP Protection</b>	Absorbing Transient Current with Response to Surge Voltage from 100V/s to 1kV/μs
<b>DC Spark-Over Voltage</b>	90V @ 100V/s
<b>Maximum Impulse Spark-over Voltage</b>	700V @ 1kV
<b>Discharge Current</b>	5kA (Maximum) 0.5kA (Normal)
<b>Maximum Insulation Resistance</b>	1G ohm @ 50V
<b>Maximum Capacitance</b>	1.0 pF @ 1 MHz
<b>Data Line Protection</b>	RJ45 10/100/1000 Ethernet
<b>IEEE 802.3af PoE Support</b>	Yes
<b>Shock and Vibration Certification</b>	ETSI300-019-1.4 Standard
<b>Operating Temperature</b>	-30 to 65(-22 to 149)
<b>Operating Humidity</b>	10 to 90% Noncondensing

## Power & Lighting

### Direct Cable Supplies

#### Red and Black + Earth PVC V-90 insulation Cores - 100m roll

Direct Cable Supplies

CMTE152CE



CMTE-1.52C+E - 1.5 mm Copper Core, (TWIN+Earth) Red and Black + Earth PVC V-90 insulation Cores - 100m roll

#### Red and Black + Earth PVC V-90 insulation Cores - 100m roll

Direct Cable Supplies

CMTE252CE



CMTE-2.52C+E - 2.5 mm Copper Core, (TWIN+Earth) Red and Black + Earth PVC V-90 insulation Cores - 100m roll

## Security Cable

### Direct Cable Supplies



CMA4140201

**Direct Cable Supplies**  
- White Alarm 4 Core Security Cable 14/0.20mm Multi Core Stranded Cable 100m Roll



CMA4140203

**Direct Cable Supplies**  
- White Alarm 4 Core 14/0.20 Multicore Stranded Cable 300m Superfeed Carton

CMA41420SP

**Direct Cable Supplies**  
- White Alarm 4 Core 14/0.20 Multicore Stranded Cable 300m White Sheathing Timber Spool

CMA470201

**Direct Cable Supplies**  
- White Alarm 4 core 7/0.20 100m Roll



CMA47020DCS

**Direct Cable Supplies**  
- White Alarm 4 Core 7/0.20 300m Superfeed Carton



CMA47020GREY

**Direct Cable Supplies**  
- Grey Alarm 4 Core 7/0.20 300m Superfeed Carton



CMA6140201

**Direct Cable Supplies**  
- White Alarm 6 Core Security Cable 14/0.20mm 100m Roll

CMA6140203



**Direct Cable Supplies**  
- White Alarm 6 Core Security Cable 14/0.20mm 300m Superfeed Carton

CMA67020



**Direct Cable Supplies**  
- White Alarm 6 Core Security Cable 7/0.20mm 300m Superfeed Carton

CMA670201



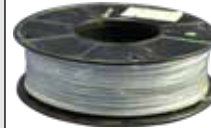
**Direct Cable Supplies**  
- White Alarm 6 Core Security Cable 7/0.20mm Multi Core Stranded Cable 100m Roll

CMF814020



**Direct Cable Supplies**  
- White Figure 8 14/020 (300m) Roll

CMF8140201



**Direct Cable Supplies**  
- Grey Figure 8 14/020 (100m) Roll

CMF824020



**Direct Cable Supplies**  
- White Figure 8 24/020 (300m) Roll

CMF8240201



**Direct Cable Supplies**  
- White Figure 8 24/020 (100m) Roll

## Unbranded / Generic

CMA4140203GY

**Unbranded / Generic**  
- Grey Alarm 4 Core 14/0.20 Multicore Stranded Cable 300m Superfeed Carton



## Speaker Cable

### SignalMAX

SignalMAX Silver Coated OFC Speaker Cable 9AWG

SignalMAX

AVSSPK2HP



SignalMAX Silver Coated OFC Speaker Cable 9AWG (7/71/0.095CC) 50m Roll

Economy OFC 2 Core Speaker Cable

SignalMAX

AVSSPK2OEC



Economy OFC 2 Core Speaker Cable (22AWG) 2x(31/0.12mmOF-C)+1.6mm-3.2mmPVC, Red & Black PVC - 100m Spool Red and Black

SignalMAX OFC 2 Core Speaker Cable

SignalMAX

AVSSPK2OFC



SignalMAX OFC 2 Core Speaker Cable 15AWG Yellow Jacket 152m Pull Out Box. 2C (44/0.18mmOF-C+2.2mmPVC)+5.6mmPVC

SignalMAX OFC 4 Core Speaker Cable

SignalMAX

AVSSPK4OFC



SignalMAX OFC 4 Core Speaker Cable 15AWG Yellow Jacket

152m Pull Out Box. 4Cx(44/0.18mmOF-C+2.2mmPVC)+6.5mm PVC

### Unbranded / Generic

Cable Speaker 100m LV2B 23/014

Unbranded / Generic

CABSLV2



Cable Speaker 100m LV2B 23/014

Cable Speaker 100m LV3 Transp 41/0.16mm

Unbranded / Generic

CABSLV3100



Cable Speaker 100m LV3 Transp 41/0.16mm

Cable Speaker PER/M LV3

Unbranded / Generic

CABSLV3PM



Cable Speaker PER/M LV3

Cable Speaker 100m LV4 Avico Heavy Duty

Unbranded / Generic

CABSLV4A

Cable Speaker 100m LV4 Avico Heavy Duty

## Video Cable

### SignalMAX

AVS3MINI75

SignalMAX

AVS3MINI75



SignalMAX 75 Ohm Mini Coax, 3 Core (Red, Green, Blue) 76m Roll

Construction	Material	Diameter
Inner Conductor	Solid Copper Core	0.58mm
Dielectric	Gas Injected HDPE	2.5mm
Outer Conductor	Tinned Copper Braid	2.85mm
Jacket	PVC	4.03mm
Performance Characteristics:		
Impedance	75AZA©	
Attenuation dB/100m	@ 10 MHz	3.9 dB
	@ 100 MHz	11.3 dB
	@ 500 MHz	24.9 dB
	@ 1000 MHz	33.2 dB
	@ 2150 MHz	50.7 dB
Return Loss Min. dB	@ 3000 MHz	61.2 dB
	5 ~ 1000 MHz	23 dB
	1000 ~ 3000 MHz	18 dB

SignalMAX RG59 OFC A/V Cable 150m

SignalMAX

AVSRG59



SignalMAX RG59 OFC A/V Cable 150m Roll

Construction	Material	Diameter
Inner Conductor	Pure Oxygen Free Copper (OFC)	0.81mm
Dielectric	Physical Foam Polyethylene	3.66mm
Outer Conductor	Pure OFC Braid	4.40mm
Jacket	Polyethylene	6.10mm
Performance Characteristics		
Impedance	75AVA©	

## Cable Dispensers

Unbranded / Generic

CABDISP

Unbranded / Generic

CABDISP



Cable Dispenser Frame/Caddy

Construction	Material	Diameter
Attenuation dB/100m	@ 10 MHz	2.8 dB
	@ 100 MHz	9.4 dB
	@ 500 MHz	22.0 dB
	@ 1000 MHz	32.9 dB
Return Loss Nom. dB	@ 10 MHz	26 dB
	@ 100 MHz	24 dB
	@ 500 MHz	20 dB
	@ 1000 MHz	15 dB

AVSRG6

SignalMAX

AVSRG6



SignalMAX RG6 OFCA/V Cable 150m Roll

Construction	Material	Diameter
Inner Conductor	Pure Oxygen Free Copper (OFC)	1.02mm
Dielectric	Physical Foam Polyethylene	4.57mm
Outer Conductor	Pure OFC Braid	5.40mm
Jacket	Polyethylene	7.54mm
Performance Characteristics:		
Impedance	75AZA©	
Attenuation dB/100m	@ 10 MHz	2.1 dB
	@ 100 MHz	5.8 dB
	@ 500 MHz	14.0 dB
	@ 1000 MHz	21.9 dB
Return Loss Nom. dB	@ 10 MHz	29 dB
	@ 100 MHz	28 dB
	@ 500 MHz	27 dB
	@ 1000 MHz	16 dB

Topline

CABRG59TRIO

Topline

CABRG59TRIO



RGB Home Cinema Cable 100m TRIO

# C :: Electrical & Data

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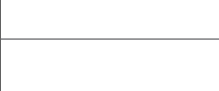





Technology :: Support :: Solutions

Brisbane :: Cairns :: Sunshine Coast :: Newcastle

## Cat6 Patch Leads

### Grove


	<b>GNC6ABLU05</b> Grove - Grove Patch Lead 0.5m Cat6A S/FTP Blue
	<b>GNC6ABLU1</b> Grove - Grove Patch Lead 1m Cat6A S/FTP Blue
	<b>GNC6ABLU105</b> Grove - Grove Patch Lead 1.5m Cat6A S/FTP Blue
	<b>GNC6ABLU2</b> Grove - Grove Patch Lead 2m Cat6A S/FTP Blue
	<b>GNC6ABLU3</b> Grove - Grove Patch Lead 3m Cat6A S/FTP Blue
	<b>GNC6BLK05</b> Grove - Grove Patch Lead 0.5m Cat6 Black
	<b>GNC6BLK1</b> Grove - Grove Patch Lead 1m Cat6 Black
	<b>GNC6BLU05</b> Grove - Grove Patch Lead 0.5m Cat6 Blue
	<b>GNC6BLU1</b> Grove - Grove Cat6 Patch Lead 1m Blue
	<b>GNC6BLU10</b> Grove - Grove Cat6 Patch Lead 10m Blue
	<b>GNC6BLU150</b> Grove - Grove Cat6 Patch Lead 150mm Blue









	<b>GNC6BLU15M</b> Grove - Grove Cat6 Patch Lead 15m Blue
	<b>GNC6BLU1M5</b> Grove - Grove Cat6 Patch Lead 1.5m Blue
	<b>GNC6BLU20M</b> Grove - Grove Cat6 Patch Lead 20m Blue
	<b>GNC6BLU280</b> Grove - Grove Cat6 Patch Lead 280mm Blue
	<b>GNC6BLU2M</b> Grove - Grove Cat6 Patch Lead 2m Blue
	<b>GNC6BLU30M</b> Grove - Grove Cat6 Patch Lead 30m Blue
	<b>GNC6BLU3M</b> Grove - Grove Cat6 Patch Lead 3m Blue
	<b>GNC6BLU5M</b> Grove - Grove Cat6 Patch Lead 5m Blue
	<b>GNC6YEL05</b> Grove - Grove Cat6 Patch Lead 0.5m Yellow
	<b>GNC6YEL1M</b> Grove - Grove Cat6 Patch Lead 1m Yellow
	<b>GNC6YEL1M5</b> Grove - Grove Cat6 Patch Lead 1.5m Yellow
	<b>GNC6YEL2M</b> Grove - Grove Cat6 Patch Lead 2m Yellow

	<b>GNC6YEL30M</b> Grove - Grove Cat6 Patch Lead 30m Yellow
	<b>GNC6YEL3M</b> Grove - Grove Cat6 Patch Lead 3m Yellow
	<b>GNC6YEL5M</b> Grove - Grove Cat6 Patch Lead 5m Yellow
	<b>GNCBLU30M</b> Grove - Grove Cat6 Patch Lead 30m Blue
<b>Kramer</b>	
	<b>KRCAT6A15</b> Kramer - UNIKAT6 Four-Pair Unified Cat-6A U/FTP Cable (23 AWG), 50ft / 15.2m
	<b>KRCAT6A2</b> Kramer - UNIKAT6 Four-Pair Unified Cat-6A U/FTP Cable (23 AWG), 6ft / 1.8m
	<b>KRCAT6A3</b> Kramer - UNIKAT6 Four-Pair Unified Cat-6A U/FTP Cable (23 AWG), 10ft / 3.0m
	<b>KRCAT6A30</b> Kramer - UNIKAT6 Four-Pair Unified Cat-6A U/FTP Cable (23 AWG), 100ft / 30.0m

## Data Keystones

### Grove

	<b>GNUC806CA12</b> Grove - Grove Panel Jack KeyStone Cat6 Blue (Bag of 12)
	<b>GNUC806CC10</b> Grove - Grove Insert/Jacks Cat6 White. (sold as each)

Phone & Data Connectors	
<b>EQL</b>	
	<b>EQLRJ45BBL</b> EQL - RJ45 Boot/Blue for RJ45 Standard or Shielded Plugs
	<b>EQLRJ45BGN</b> EQL - RJ45 Boot/Green for RJ45 Standard or Shielded Plugs
	<b>EQLRJ45BGY</b> EQL - RJ45 Boot/Grey for RJ45 Standard or Shielded Plugs
	<b>EQLRJ45BRD</b> EQL - RJ45 Boot/Red for RJ45 Standard or Shielded Plugs
	<b>EQLRJ45BYL</b> EQL - RJ45 Boot/Yellow for RJ45 Standard or Shielded Plugs
<b>Kramer</b>	
	<b>KRCONFIELD</b> Kramer - Field Assembly 180° Shielded RJ45 Connectors for CAT Cable
	<b>KRCONRJ451</b> Kramer - Kramer RJ45 Shielded Plug 8P8C for large conductor 23AWG FTP CAT cable (10 /bag)
	<b>KRCONRJSRPU</b> Kramer - Kramer RJ45 Strain relief connector PURPLE (10 /bag)
	<b>KRCONS6A</b> Kramer - Crimp Style Shielded RJ-45 Connector for UNIKat CAT-6a Twisted Pair Cable (Minimum Purchase: 10-Pack, Price is per unit)

	<b>KRCONS7</b> Kramer - Crimp Style Shielded RJ-45 Connector for CAT 7 Twisted Pair Cable (Minimum Purchase: 10-Pack, Price is per unit)
<b>Platinum Tools</b>	
	<b>CONRJ100041CL</b> Platinum Tools - Platinum 100041CL-C - EZ-DataLock Set for EZ-RJ45® Cat5e Only, Clear. 20 pce/Clamshell
	<b>CONRJ100042CL</b> Platinum Tools - Platinum 100042CL-C - EZ-DataLock Strain Relief locking sets for standard RJ45 and EZ-RJ45 Cat 6 connectors, Clear. 20 pce/Clamshell
	<b>CONRJ45003J</b> Platinum Tools - Platinum Tools EZ-RJ45 Cat5/5e Connector. 100 pce/Jar
	<b>CONRJ45003LOOSE</b> Platinum Tools - Platinum Tools EZ-RJ45 Cat5/5e Connector (sold as each)
	<b>CONRJ45010J</b> Platinum Tools - Platinum Tools EZ-RJ45 Cat6+ Connector. 100 pce/
	<b>CONRJ45022</b> Platinum Tools - Platinum Tools EZ-RJ45 Shielded Cat5e/6, external ground. 100 pce/Bag
	<b>CONRJ45023C</b> Platinum Tools - Platinum Tools EZ-RJ45 Shielded Cat5e/6, external ground. ( In Bag Of 10 pce)

	<b>CONRJ45026C</b> Platinum Tools - Platinum Tools EZ-RJ12/11 Connector. 50 pce/ Clamshell
	<b>CONRJ45035C</b> Platinum Tools - Platinum Tools EZ-RJ45 Cat5e Strain Relief, (Clear). 50 pce/Clamshell
	<b>CONRJ45036C</b> Platinum Tools - Platinum Tools EZ-RJ45 Cat6 Strain Relief, (Clear). 50 pce/Clamshell
	<b>CONRJ45044</b> Platinum Tools - Platinum Tools ezEX-RJ45 Connector Cat/6 ezEX44, Conductor 1.0-1.22mm , Max. Dia 7.36mm
	<b>CONRJ4504410</b> Platinum Tools - EZ-RJ45 Cat6+ Connector. 10 pce ez-EX 44
	<b>CONRJ45445</b> Platinum Tools - Platinum ezEX-RJ45 Shielded Connector Cat/6 ezEX44, Internal Ground Conductor 1.0-1.22mm ,Max. Dia 7.36mm 100/ bag 105027
	<b>CONRJ45445E10</b> Platinum Tools - ezEX-RJ45 Shielded Connector Cat/6 ezEX44, External Ground Conductor 1.0-1.22mm ,Max. Dia 7.36mm In 10Pk
	<b>CONRJ45445EX</b> Platinum Tools - Platinum ezEX-RJ45 Shielded Connector Cat/6 ezEX44, External Ground Conductor 1.0-1.22mm ,Max. Dia 7.36mm 100/bag 105028

	<b>CONRJ45510</b> <b>Platinum Tools - EZ-RJ45 Cat5/5e Connector.</b> 10 pce/Pack
	<b>CONRJ45610</b> <b>Platinum Tools - EZ-RJ45 Cat6+ Connector.</b> 10 pce/Pack
<b>Unbranded / Generic</b>	
	<b>CONRJ12</b> <b>Unbranded / Generic - Plug RJ12 for Stranded Cable</b>
	<b>CONRJ45</b> <b>Unbranded / Generic - Modular RJ45 8 Position 8 Contact (8P8C) Plug for Solid Category 5 Cable</b>
	<b>CONRJ456</b> <b>Unbranded / Generic - Modular RJ45 8 Position 8 Contact (8P8C) Plug for Solid Category 6 Cable</b>
	<b>CONRJ456A</b> <b>Unbranded / Generic - RJ45 Plug 8P8C CAT 6A FTA Jack Solid CM-GN00010</b>
	<b>CONRJ45SH</b> <b>Unbranded / Generic - RJ45 Shielded Connector for Cat5e and Cat6 Cable</b>
	<b>RJ45BOOTBK</b> <b>Unbranded / Generic - RJ45 Boot/Black for RJ45 Standard or Shielded Plugs</b>

## Cat Cable Tools

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### Gold Tool

**TCT-1900 Linesman's test Set Blue For RJ11/ABN Set Cord**

**Gold Tool** **TOOCCT1900BL**



CT-1900 Linesman's Test Set Blue for RJ11/ABN Set Cord (GOLDTOOL)

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**TCT109 Multi Function Network tester**

**Gold Tool** **TOOGCT109**



Goldtool TCT109 Multi Function Network Tester

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**TCT-700 3 In 1 Tracer/Toner /Cable Tester**

**Gold Tool** **TOOGCT700**



Goldtool TCT700 3 in 1 Tracer/Toner /Cable Tester

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### Grove

**Grove Termination Tool For RJ45 Punch Down**

**Grove** **GNNST12002**




Grove Termination Tool For RJ45 Punch Down with Sensor

### Platinum Tools

**PLATINUM P/N 10525C Professional Electrician's Scissors**

**Platinum Tools** **TOO10525C**




Platinum Tools Professional Electrician's Scissors (P/N 10525C)

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**10 pack Replacement Blade Set for PN 100054C.**

**Platinum Tools** **TOOBL54S10C**

**100054SBL-10C 10/Clamshell**




10 pack Replacement Blade Set for Platinum Tools EZ-RJ PRO HD Crimp Tool

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**EZ-RJ PRO HD Crimp Tool**

**Platinum Tools** **TOOCR054C**




Platinum Tools EZ-RJ PRO HD Crimp Tool (Cat5 & Cat6)

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**10Gig Termination Kit**

**Platinum Tools** **TOOCR10TERKIT**



10Gig Termination Kit 90170 with Tele-Titan Crimp Tool, Stripper and Grounding Crimp Tool

## Platinum Tools PRO Drywall saw

Platinum Tools

TOODRYSAW



Platinum Tools PRO Drywall Saw

## Cat5/6 Cable Jacket Stripper

Platinum Tools

TOOSTR015C



Platinum Tools Cat5/6 Cable Jacket Stripper. Clamshell. (PVC)

## Tester VDV MapMaster 2.0 Kit

Platinum Tools

TOOT129K1



Tester VDV MapMaster 2.0 Kit

## TELE TITAN XG2.0 CRIMP TOOL

Platinum Tools

TOOHLTIXG2



TELE TITAN XG2.0 Crimp Tool (Cat6A) Connectors 12516

Unbranded / Generic

## RJ Connector Crimp Tool (Plastic)

Unbranded / Generic

TOOCRPRJ45

RJ Connector Crimp Tool (Plastic)

## Punch Down Tool

Unbranded / Generic

TOODATAPCH



Punch Down Tool for 8 Pair / 6 Pair / 4 Pair Cable

## Spring Loaded Punch Down Tool with Built In Extraction Hook

Unbranded / Generic

TOODPD1

Spring Loaded Punch Down Tool with Built In Extraction Hook (HT-344KR)

## Economic Punch Down Tool/Stripper for UTP/STP Cable

Unbranded / Generic

TOOHT318PD

Economic Punch Down Tool/Stripper for UTP/STP Cable (HT-318)

## T3 Snap PLUGTM Tool

Unbranded / Generic

TOOT10520

T3 Snap PLUGTM Tool For 8P8C RJ45 Cat5e / Cat6 Snap PLUGTM And RJ11,RJ12 (Not For Regular RJ45 Modular Plug)

## Disconnect Module

Grove

### Grove 10 Pair Disconnect Module

Grove

GNNSA602410D



Grove 10 Pair Disconnect Module

## RF Over Category Cable

Kingray

### Kingray CAT01 CAT5/6 Distribution Solution

Kingray

CATTV



Kingray CATTV CAT5/6 Distribution Solution - RF in Cat5/6 out with four port out and power supply included.

### KB02

Kingray

KB02



19" Bracket to Suit Kingray CAT01 CAT5/6 Distribution Solution

### KLE02

Kingray

KLE02



Kingray KLE02 Balun Transformer Cable - RJ45 to PAL Lead

## Power Point & Light Switches

Unbranded / Generic

### 10A horizontal single powerpoint

Unbranded / Generic

ELE110APP



10A horizontal single power point - Approval Number 121264

## 10A horizontal single powerpoint

Unbranded  
/ Generic

ELE110APPS



10A horizontal single power point with extra switch - Approval Number 121264

## 15A horizontal single powerpoint

Unbranded  
/ Generic

ELE115APP



15A horizontal single power point - Approval Number 121264

## One gang two way switch

Unbranded  
/ Generic

ELE1G2WS



One gang two way switch - Approval Number 121203

## 10A horizontal double powerpoint

Unbranded  
/ Generic

ELE210APP



10A horizontal double power point - Approval Number 121264

## 10A horizontal double powerpoint with extra switch

Unbranded  
/ Generic

ELE210APPS



10A horizontal double power point with extra switch - Approval Number 121264

## Two gang two way switch

Unbranded  
/ Generic

ELE2G2WS

Two gang two way switch - Approval Number 121203

## Three gang two way switch

Unbranded  
/ Generic

ELE3G2WS



Three gang two way switch - Approval Number 121203

## Four gang two way switch

Unbranded  
/ Generic

ELE4G2WS



Four gang two way switch - Approval Number 121203

## Five gang two way switch

Unbranded  
/ Generic

ELE5G2WS



Five gang two way switch - Approval Number 121203

## Six gang two way switch

Unbranded  
/ Generic

ELE6G2WS

Six gang two way switch - Approval Number 121203

## Structured Cabling Hubs

### Grove

## GMEGN1001

Grove

GMEGN1001



Grove ME-GN1001 16 Port Switch for Grove Enclosures

### Micron

## HUBDATAPAT

Micron

HUBDATAPAT

8 Way Data Distribution Module

## HUBTELPH8

Micron

HUBTELPH8



8 WAY Telephone Distribution Module

### SignalMAX

## HUBEXPHONE

SignalMAX

HUBEXPHONE



SignalMAX Structured Wiring Hub Telephone Expansion Module



## HUBMODSPL8

SignalMAX

HUBMODSPL8



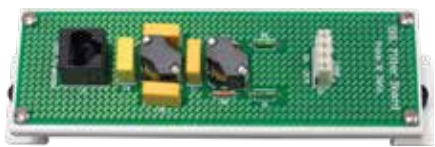
SignalMAX Structured Wiring Hub 8 Way Splitter

Unbranded / Generic

## HUBFILDSL

Unbranded / Generic

HUBFILDSL



Cat5e DSL Filter Board

## HUBMODIRA

Unbranded / Generic

HUBMODIRAU



1-To 6 IR/Audio Connect Module

## Racks & Cabinets

### AV Racks

Sanus

#### Rack screws - pack of 25

Sanus

CASC25

Sanus rack screws (x25). Fits all Component Series AV racks

#### 1RU Vented Shelf

Sanus

CASH21



SANUS Component Series CASH21 1U vented shelf ensures AV equipment stays at the most optimal temperature.

#### 2RU Vented Shelf

Sanus

CASH22



Sanus 2RU Vented Shelf - Fits all Component Series AV racks

#### 3U Vented Shelf

Sanus

CASH23

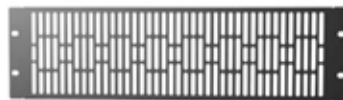


Sanus 3RU Vented Shelf - Fits all Component Series AV racks

#### 1RU steel vented blanking panel

Sanus

CAVBP1

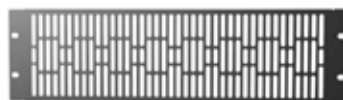


Sanus 1RU steel vented blanking panel - Fits all Component Series AV racks

#### 2RU steel vented blanking panel -

Sanus

CAVBP2

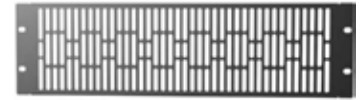


Sanus 2RU steel vented blanking panel - Fits all Component Series AV racks

#### 3RU steel vented blanking panel -

Sanus

CAVBP3



Sanus 3RU steel vented blanking panel - Fits all Component Series AV racks

#### Sanus CFR1615 15RU Skeleton AV Component Rack

Sanus

CFR1615



Sanus CFR1615 15RU Skeleton AV Component Rack. Stackable (40U, 35U, 30U, 20U and 15U) (51.82 x 50.8 x 66.55cm) (w x d x h)

#### Sanus CFR1620 20RU Skeleton AV Component Rack

Sanus

CFR1620



Sanus CFR1620 20RU Skeleton AV Component Rack. Stackable (40RU, 35RU, 30RU, 20RU, 15RU) 35" tall. (51.82 x 50.8 x 88.9cm) (w x d x h)

#### SANUS 15RU Component Series Rack 34"

Sanus

CFR2115



SANUS 15RU Component Series Rack 34" Tall Av Rack CFR2115 (60 x 60 x 86.36cm) (w x d x h)

## SANUS 27RU Component Series Rack

Sanus

CFR2127



SANUS 27RU Component Series Rack 55" Tall Av Rack CFR2127 (60x60 x 132.59cm) (w x d x h)

## SANUS 36RU Component Series Rack 70" Tall Av Rack

Sanus

CFR2136

SANUS 36RU Component Series Rack 70" Tall Av Rack

## SANUS 44RU Component Series Rack

Sanus

CFR2144

SANUS 44RU Component Series Rack 85" Tall Av Rack CFR2144 (60 x 60 x 205.74cm) (w x d x h)

## Data Racks

Grove

### Grove Wall Cabinet 18RU

Grove

GLWDZBFWCD185450



Grove Wall Cabinet 18RU 863Hx540Wx500D

### Grove Wall Cabinet 18RU

Grove

GLWDZBFWCD185460



Grove Wall Cabinet 18RU 863Hx540Wx600D

## Grove RN-LWNCB22-66-KDA EXPRESS 22RU Cabinet

Grove

GLWNCB2266



Grove EXPRESS 22RU Cabinet 1166Hx600Wx600D

## Grove EXPRESS 27RU Cabinet

Grove

GLWNCB2766



Grove EXPRESS 27RU Cabinet 1388Hx600Wx600D

## Grove EXPRESS 27RU Cabinet

Grove

GLWNCB2768



Grove EXPRESS 27RU Cabinet 1388Hx600Wx800D

## Grove EXPRESS 42RU Cabinet

Grove

GLWNCB4266



Grove EXPRESS 42RU Cabinet 2055Hx600Wx600D

## Grove EXPRESS 42RU Cabinet

Grove

GLWNCB4268



Grove EXPRESS 42RU Cabinet 2055Hx600Wx800D

## Grove EXPRESS 42RU Cabinet

Grove

GLWNCB42810



Grove EXPRESS 42RU Cabinet 2055Hx800Wx1000D

## Grove Wall Cabinet 6RU

Grove

GLWWCD065435

Grove Wall Cabinet 6RU 330Hx540Wx300D

## Grove Wall Cabinet 6RU

Grove

GLWWCD065450



Grove Wall Cabinet 6RU 330Hx540Wx500D

## Grove Wall Cabinet 9RU

Grove

GLWWCD095450

Grove Wall Cabinet 9RU 463Hx540Wx600D

## Grove Wall Cabinet 9RU 463Hx540Wx600D

Grove

GLWWCD095460

Grove Wall Cabinet 9RU 463Hx540Wx600D

## Grove Wall Cabinet 12RU

Grove

GLWWCD1254



Grove Wall Cabinet 12RU 596Hx540Wx500D

## Grove Wall Cabinet 12RU

Grove

GLWWCD125460



Grove Wall Cabinet 12RU 596Hx540Wx600D

## GROVE 12RU IP55 Wall Cab.

Grove

GN12RIWPIP



GROVE 12RU IP55 Wall Cab. 620Hx573Wx500D

## RNLWWCF04LCA

Grove

RNLWWCF04LCA



4RU Wall Mount Frame 300mm Deep

## Rack Accessories

Grove

### GFCN04M62S

Grove

GFCN04M62S



M6 Cage Bolts/Washers/Nuts - Box of 50

### ME-GN1004 Switch 8 Port with 4 Ports POE

Grove

GMEGN1004



Grove ME-GN1004 Switch 8 Port with 4 Ports POE

Sanus

### Sanus 100 Extra Screws

Sanus

CASC100

Sanus rack screws (x2100). Fits all Component Series AV racks

## Plates & Panels

Plates & Panels :: Grove

### 24 Port Shielded Unloaded Patch Panel - Flat

Grove

CAGNLPB424



Grove 24 Port Shielded Unloaded Panel - Flat

## Grove 24 Port Patch Panel

Grove

GNEXPP0524B



Grove 24 Port Patch Panel Cat6 Black - Express with KeyStone Jacks Included (24)

### MEGNNBN36PM

Grove

MEGNNBN36PM



Grove 6 Port Patch Panel GEN3 Compliant

Plates & Panels :: Sanus

### Sanus Side Panel Lock and keys

Sanus

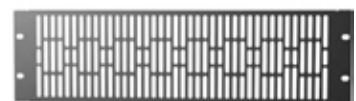
CALK01

Sanus Side Panel Lock and keys

### 1RU steel blanking panel

Sanus

CASBP1



1RU steel blanking panel - Fits all Component Series AV racks

### 2RU steel blanking panel

Sanus

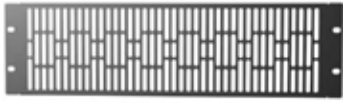
CASBP2

The SANUS Component Series CASBP2 2RU steel flanged blanking panel maintains consistent airflow to prevent improper cooling or heating of AV components inside an AV rack. Solid construction and durable powder-coated finish.

## 3RU steel blanking panel

Sanus

CASBP3



SANUS Component Series CASBP3 3RU steel flanged blanking panel powder-coated finish.

## Sanus Small Parts Panel fits All Components AV Racks

Sanus

CASPK

Sanus Small Parts Panel fits All Components AV Racks

## Shelf Stops

Sanus

CASS10



Sanus CASS10 Back to: Rack Shelving & Accessories

## Plates & Panels :: Unbranded / Generic

### HUBCAT6PCH

Unbranded / Generic

HUBCAT6PCH



90 Deg, 24 Port Krone Style Termination Cat6 Patch

## Shelves & Drawers

### Shelves & Drawers :: Grove

#### GLWCS1U250

Grove

GLWCS1U250



Grove 1RU Shelf Cantilever 250mm Black

#### Grove 2RU Shelf Cantilever 450mm

Grove

GLWCS2U450



Grove 2RU Shelf Cantilever 450mm Black

#### Grove 2 RU Sliding Keyboard Shelf

Grove

LWCFB6012WM



Grove 2 RU Sliding Keyboard Shelf

#### Grove 1RU Shelf Adjustable

Grove

LWCFB8012WM



Grove 1RU Shelf Adjustable 800mm Deep

## 2RU Sliding Keyboard Shelf

Grove

RNLWCFE60A



Grove 2RU Sliding Keyboard Shelf for use in GROVE ELITE and GROVE EXPRESS Cabinets

## Grove 2RU Shelf Cantilever

Grove

RNLWCS2U300



Grove 2RU Shelf Cantilever 300mm Black

## Shelves & Drawers :: Sanus

### Sanus 2 RU Economy Sliding Drawer

Sanus

CADR2

Sanus 2RU Economy Sliding Drawer

### Sanus 4RU Economy Sliding Drawer

Sanus

CADR4

Sanus 4RU Economy Sliding Drawer

## Shelves & Drawers :: Unbranded / Generic

### Grove 2RU Shelf Cantilever 450mm

Unbranded / Generic

VFMRCSPJ2USD

2RU Shelf Cantilever 400mm

## Cable Management

### Cable Management :: Grove

#### Grove Cable Manager Metal 1RU

Grove **GRPMTD06**



Grove Cable Manager Metal 1RU - 5 Rings

#### Grove Slotted Duct Cable Minder

Grove **GRPNMCP13**



Grove Slotted Duct Cable Management Panel, 1U, Multiple Fingers

### Cable Management :: Sanus

#### Sanus Work light, 2 Pack

Sanus **CALW01**

Sanus Work light, 2 Pack

### Cable Management :: Unbranded / Generic

#### HUBCABBOX

Unbranded / Generic **HUBCABBOX**



Cable Management Cage 13 Finger Complete with Nuts and Screws

## Footings & Wheels

### Footings & Wheels :: Sanus

#### Caster Kit -

Sanus **CA6CKB1**



Sanus Four Caster Kit - to fit CFR1615 and CFR1620 skeleton racks

## Power & Cooling

### Power & Cooling :: Grove

#### GN7410A

Grove **GN7410A**



Grove 11 Way Horizontal Power Rail 1RU 10AMP

#### 15 Way 1RU Power Rail 10Amp

Grove **GNFM100PB**



Grove 15 Way 1RU Power Rail 10Amp (7 3Pin Plug and 8 IEC Sockets) + 3 Fans

#### Pole Load Centre ME-GNNBN3-15LS

Grove **GNNBN315LS**



Grove GEN3 15 Pole Load Centre

#### GNRAC0600

Grove **GNRAC0600**



Grove 6 Way Horizontal Power Rail 1RU 10Amp

### Power & Cooling :: Sanus

#### CAFC01B1 Fan Kit

Sanus **CAFC01B1**

Sanus 1RU Ultra Quiet Cooling Fan CAFC01B1

#### Sanus 3RU ultra Quiet Fan Kit

Sanus **CAFH01**

Sanus 3RU Ultra Quiet Cooling Fan Kit CAFH01

#### Sanus 3U High Volume Fan Kit (3 Fans in the Unit) CAFQ01

Sanus **CAFQ01**

Sanus 3RU High Volume Fan Kit

#### CALT01-B1

Sanus **CALT01**

Sanus 1U Task Light Black CALT01

#### Sanus Vertical Power Strip

Sanus **CAPS27**

Sanus Vertical Power Strip

#### Sanus Multi-Volt Power Supply

Sanus **CAPT01**

Sanus Multi-Volt Power Supply

#### CAPW03

Sanus **CAPW03**

Sanus 90cm power wire CAPW03

#### CAPW06-B1

Sanus **CAPW06**

Sanus 180cm power wire CAPW06

## CAPW09-B1

Sanus **CAPW09**

Sanus 270cm power wire CAPW09

## CATB010-B1

Sanus **CATB010**

Sanus Tie Bar Offset Value Pack of 10 pieces Black CATB010

## CATBL210-B1

Sanus **CATBL210**

Sanus 19€ tie bar ,10 Pack CATBL210

## Rack Mounting Brackets

### Rack Mounting Brackets :: Grove

#### Grove Swing Frame Back Mount for 6RU

Grove **GLWDZBFWCD06**



Grove Swing Frame Back Mount for 6RU

#### Grove Swing Frame Back Mount for 9RU

Grove **GLWDZBFWCD09**



Grove Swing Frame Back Mount for 9RU

#### Grove Swing Frame Back Mount for 12RU

Grove **GLWDZBFWCD12**



Grove Swing Frame Back Mount for 12RU

#### 20 Pair Backmount Frame 2 Way

Grove **GNNSTD-500320**



Grove 20 Pair Backmount Frame 2 Way

#### Grove Swing Frame Back Mount for 18RU

Grove **RNLWDZBFWCD1854**



Grove Swing Frame Back Mount for 18RU RN-LWDZ-BF-WCD18-54

### Rack Mounting Brackets :: Sanus

#### On-Wall Swing-Out Accessory

Sanus **CFA16SM**



On-Wall Swing-Out Accessory; Fits CFR1620, CFR1615, Component Series AV racks

### Rack Mounting Brackets :: Unbranded /

### Generic

#### SMRWBKT6RU

Unbranded / Generic **SMRWBKT6RU**

6RU 600x500 Metal 19" Rack Wall Cabinet

## Enclosures (Indoor & Outdoor)

### NBN Enclosures

#### NBN Enclosures :: Built Boards

##### BBJBBNBXL

Built Boards **BBJBBNBXL**



Built Boards BBNBXL NBN Enclosure with Vents (1000H x 400W x 150D) White

##### BBNBN

Built Boards **BBNBN**



Built Boards BBNBN NBN Enclosure with Vents (700H x 400W x 150D) White

##### BBNBFK

Built Boards **BBNBFK**



Built Boards White Frame Kit for 700H x 400W x 150D Enclosure (Suits BBNBN / ENC742V1)

ENC742V1

Built Boards

ENC742V1



Built Boards FTTH Enclosure with Vents (700H x 400W x 200D) White

## NBN Enclosures :: Grove

MEGNNBN3L

Grove

MEGNNBN3L



Grove NBN Ventilation Compliant Enclosure Fits 36 Ports. GEN3 Large 435 x 163 x 925mm. Cut out (43 x 93)

MEGNNBN3S

Grove

MEGNNBN3S



Grove NBN Ventilation Compliant Enclosure Fits 18Ports. GEN3 Small 435 X 163 X 720mm. Cut out (43 x 72)

MEGNNBN3S70

Grove

MEGNNBN3S70



Grove NBN Ventilation Compliant Enclosure Fits 18Ports. GEN3 Small 435 X 163 X 700mm Deep. Cut out (43 x 72)

## Home Hubs

### Home Hubs :: Micron

HUBBOX500H

Micron

HUBBOX500H

Micron Economy Lockable Distribution Box 500mm High Hub/Cabinet - White

HUBBOX700H

Micron

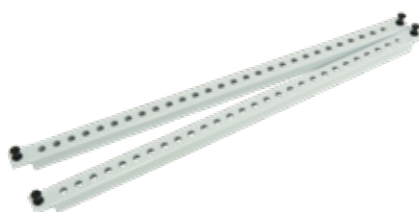
HUBBOX700H

Economy Lockable Distribution Box 700mm High Hub/Cabinet - White

HUBRAILS

Micron

HUBRAILS



Hubrails for HUBBOX500H and HUBBOX700H

### Home Hubs :: SignalMAX

HUBBXINTER

SignalMAX

HUBBXINTER



SignalMAX Structured Wiring Hub Internal Wall Cabinet (540H x 365W x 94D)

## Commercial & Outdoor Enclosures

### Commercial & Outdoor Enclosures ::

BOXOD66SM

BOXOD66SM

IP66 Enclosure 300(H) x 250(W) x 125(D)

### Commercial & Outdoor Enclosures ::

Grove

MEGNNBN3L

Grove

EVIP6603031



Grove EVIP6603031 Enclosure 400(H) x 400(W) x 300(D)

MEGNNBN3L

Grove

EVIP6604043



Grove EVIP6604043 Enclosure 400(H) x 400(W) x 300(D)

EVIP6606043

Grove

EVIP6606043



Grove IP66 Enclosure 600(H) x 400(W) x 300(D)



## D :: Wallplates & Inserts

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# Wall Plates & Inserts



Gang Plates	
<b>Digitek</b>	
	<b>OUTCGANG1</b> Digitek - Australian Style Wall Plate 1 Gang
	<b>OUTCGANG2</b> Digitek - Australian Style Wall Plate 2 Gang
	<b>OUTCGANG3</b> Digitek - Australian Style Wall Plate 3 Gang
	<b>OUTCGANG4</b> Digitek - Australian Style Wall Plate 4 Gang
	<b>OUTCGANG6</b> Digitek - Australian Style Wall Plate 6 Gang
	<b>OUTCVGA4</b> Digitek - Australian Style Wall Plate with VGA Connector and 4 Gangs
<b>Unbranded / Generic</b>	
	<b>OUTCLASIC1</b> Unbranded / Generic - Classic Australian Style Wall Plate 1 Gang
	<b>OUTCLASIC2</b> Unbranded / Generic - Classic Australian Style Wall Plate 2 Gang
	<b>OUTCLASIC3</b> Unbranded / Generic - Classic Australian Style Wall Plate 3 Gang
	<b>OUTCLASIC4</b> Unbranded / Generic - Classic Australian Style Wall Plate 4 Gang
	<b>OUTCLASIC6</b> Unbranded / Generic - Classic Australian Style Wall Plate 6 Gang










Gang Plate Inserts	
<b>Cabac</b>	
	<b>OUTCINRJCB</b> Cabac - Cabac Brand White RJ45 Insert To Suit Australian Style Wall Plates
<b>Digitek</b>	
	<b>OUTCHDMI</b> Digitek - Straight Through HDMI Insert for Australian Style Gang Plates
	<b>OUTCHDMIRA</b> Digitek - HDMI Insert (Right Angle at Rear) for Australian Style Gang Plates
	<b>OUTCHDMITA</b> Digitek - HDMI Insert (With 75mm Flexible Tail) for Australian Style Gang Plates - 1.4 Compliant
	<b>OUTCIN6RJ45</b> Digitek - White RJ45 Cat6 Insert To Suit Australian Style Wall Plates
	<b>OUTCINBC8</b> Digitek - 3.5mm Audio Insert with Flexible Tail for Australian Style Gang Plate
	<b>OUTCINBLNK</b> Digitek - Blank Insert to Fill a Gang Hole in a Australian Style Gang Plate
	<b>OUTCINF2F</b> Digitek - Premium F Female to F Female Joiner Insert/Mech for use with Australian Style Wall Plates (3GHz)
	<b>OUTCINF2FBLK</b> Digitek - Premium F Female to F Female Joiner Insert/Mech (Black) for use with Australian Style Wall Plates (3GHz)

	<b>OUTCINHOLE</b> Digitek - Blank Insert for use with Australian Style Gang Wall Plates
	<b>OUTCINPALF</b> Digitek - Premium PAL Female to F Female Joiner Insert/Mech for use with Australian Style Wall Plates
	<b>OUTCINRCAB</b> Digitek - RCA (BLUE) to RCA (BLUE) Insert for Australian Style Gang Plate
	<b>OUTCINRCABLK</b> Digitek - RCA (BLACK) to RCA (BLACK) Insert for Australian Style Gang Plate
	<b>OUTCINRCAGR</b> Digitek - RCA (GREEN) to RCA (GREEN) Insert for Australian Style Gang Plate
	<b>OUTCINRCARED</b> Digitek - RCA (RED) to RCA (RED) Insert for Australian Style Gang Plate
	<b>OUTCINRCAWH</b> Digitek - RCA (WHITE) to RCA (WHITE) Insert for Australian Style Gang Plate
	<b>OUTCINRCAYEL</b> Digitek - RCA (YELLOW) to RCA (YELLOW) Insert for Australian Style Gang Plate
	<b>OUTCINRFBK</b> Digitek - RCA (Black) to F Female Insert for Australian Style Gang Plate
	<b>OUTCINRFBL</b> Digitek - RCA (Blue) to F Female Insert for Australian Style Gang Plate

# Wall Plates & Inserts










	<b>OUTCINRFG</b> <b>Digitek - RCA (Green) to F Female Insert for Australian Style Gang Plate</b>
	<b>OUTCINRFRD</b> <b>Digitek - RCA (Red) to F Female Insert for Australian Style Gang Plate</b>
	<b>OUTCINRFWH</b> <b>Digitek - RCA (White) to F Female Insert For Australian Style Gang Plate</b>
	<b>OUTCINRFYL</b> <b>Digitek - RCA (Yellow) to F Female Insert for Australian style gang plate.</b>
	<b>OUTCINRJ12</b> <b>Digitek - White RJ12 Insert (Voice) To Suit Australian Style Wall Plates</b>
	<b>OUTCINRJ4W</b> <b>Digitek - White RJ45 Insert To Suit Australian Style Wall Plates</b>
	<b>OUTCINSPBBK</b> <b>Digitek - Premium Black Speaker Post in Black Insert/Mech for use with Australian Style Wall Plates</b>
	<b>OUTCINSPBK</b> <b>Digitek - Premium Black Speaker Post in White Insert/Mech for use with Australian Style Wall Plates</b>
	<b>OUTCINSPRBK</b> <b>Digitek - Premium Red Speaker Post in Black Insert/Mech for use with Australian Style Wall Plates</b>

	<b>OUTCINSPRD</b> <b>Digitek - Premium Red Speaker Post in White Insert/Mech for use with Australian Style Wall Plates</b>
	<b>OUTCINSVID</b> <b>Digitek - Premium S Video Insert/Mech for use with Australian Style Wall Plates</b>
	<b>OUTCUSBTA</b> <b>Digitek - USB Insert with 70mm Flexible Tail for Australian Style Gang Plate - Backwards Compatible 1.0, 1.1, 2.0 Type A to USB 3.0</b>
	<b>OUTRJ12LOOP</b> <b>Digitek - White RJ12 Mech (Voice) Phone To Suit Wallplates ( LOOP)</b>
	<b>PLAINSFBNB</b> <b>Digitek - F-BNC Insert For Australian Style gang plate</b>
<b>Foxtel</b>	
<b>Jonsa</b>	
	<b>OUTAPO22F2</b> <b>Jonsa - Foxtel Approved Triple Outlet Wallplate with Foxtel Logo. PAL Female to F Female &amp; 2 F Female to 2 F Female (3 GHz). Foxtel Approved</b>
	<b>OUTAPO22FX</b> <b>Jonsa - Jonsa Dual Wall Plate with 2 x F Female to F Female 3 GHz Joiners - Foxtel Approved</b>
	<b>OUTAPO2FOX</b> <b>Jonsa - Jonsa FTA / Pay TV Dual wall Plate - Foxtel Approved</b>
	<b>OUTAPO2FX3</b> <b>Jonsa - Jonsa Single Wall Plate F Female to F Female 3 GHz Joiner - Foxtel Approved</b>

	<b>OUTS75AFJE</b> <b>Jonsa - Jonsa Skirting Board Outlet F-F 75 Ohm with 3g Joiner - Foxtel Approved</b>
<b>Generic Wall Plates</b>	
<b>Unbranded / Generic</b>	
	<b>OUTHDMIWP</b> <b>Unbranded / Generic - Custom Wall Plate Single HDMI Socket</b>
	<b>OUTWF10</b> <b>Unbranded / Generic - Generic F Female (Back) to F Female (Front) Wall Plate</b>
	<b>OUTWF103G</b> <b>Unbranded / Generic - Generic 3 GHz F Female (Back) to F Female (Front) Wall Plate</b>
	<b>OUTWFTW3G</b> <b>Unbranded / Generic - Generic Wall Plate with Two x F to F 3 GHz Connectors</b>
	<b>OUTWP12</b> <b>Unbranded / Generic - Generic Wall Plate that splits Signal to 2 x BL Female Outputs (TV1 &amp; TV2) - Screw and saddle</b>
	<b>OUTWP1F</b> <b>Unbranded / Generic - Generic Wall Plate fitted with Pal Female to F Female insert</b>
	<b>OUTWP55</b> <b>Unbranded / Generic - Generic Wall Plate FTA/ Pay TV (F &amp; Pal Front - Both F Rear)</b>
	<b>OUTWP55F3G</b> <b>Unbranded / Generic - Generic Wall Plate FTA/ Pay TV (F &amp; Pal Front - Both F Rear) 3 GHz</b>
<b>Blank Plates</b>	

# Wall Plates & Inserts

Digitek	
	<b>OUTCBLANK</b> Digitek - Australian Style Blank White Wall Plate
Bullnose	
Digitek	
	<b>OUTBNBLK</b> Digitek - Australian Style Bullnose Wall Plate Black Slimline Style with Rear Entry Brush
	<b>OUTBNREVW</b> Digitek - Australian Style Reverse Bullnose Wall Plate White Slimline Style with Rear Entry Brush
	<b>OUTBNSMLW</b> Digitek - Australian Style Small Bull Nose Wall Plate (White) with Bristle/Brush Rear Entry
	<b>OUTBNWFLAT</b> Digitek - Australian Style Flat Bullnose Wall Plate White with White Brush
	<b>OUTBNWFLATBK</b> Digitek - Australian Style Bull Nose Wall Plate (Black) with Bristle/Brush Rear
	<b>OUTBNWHT</b> Digitek - Australian Style Bull Nose Wall Plate (White) with Bristle/Brush Rear
	<b>OUTBNWPD</b> Digitek - Media Wall Plate With Detachable Front Panel Bull Nose
Media Wall Plate With Detachable Front Panel	
Digitek	<b>OUTBNWPD</b>
Media Wall Plate With Detachable Front Panel Bull Nose	
Mounting Brackets	
Unbranded / Generic	

	<b>ELE370MB</b> Unbranded / Generic - Standard Wall Plate Mounting Block 37mm
	<b>OUT137D</b> Unbranded / Generic - Mounting Block (119mmX75mmX12mm)
	<b>OUT140P</b> Unbranded / Generic - Standard Mounting Block 37mm / 140WE
	<b>OUT155NA</b> Unbranded / Generic - Stud Mounting Bracket with Nails (155N)
	<b>OUT155U</b> Unbranded / Generic - Stud Mounting Bracket without Nails (155U)
	<b>OUT712</b> Unbranded / Generic - Mounting Clip/Plaster Bracket also known as a C Clip
Cable Entry	
Recessed Australia	
	<b>OUTRECC2</b> Recessed Australia - Australian Style Recessed Wall Point Single White
Unbranded / Generic	
	<b>OUTFUCAP60</b> Unbranded / Generic - 60mm Furniture Cap White
Architrave Plates	
Digitek	
	<b>OUTCARC1</b> Digitek - Australian Style 1 Gang Architrave Wall Plate White

	<b>OUTCARC1BK</b> Digitek - Australian Style 1 Gang Architrave Wall Plate Black
	<b>OUTCARC2</b> Digitek - Australian Style 2 Gang Architrave Wall Plate White
	<b>OUTCARC2BLK</b> Digitek - Australian Style 2 Gang Architrave Wall Plate Black
Multi Purpose Wall Plates	
Pro2	
	<b>PRO1309</b> Pro2 - Pro1309 USB, VGA, 3.5mm Audio and RCA Wallplate
	<b>PRO1310</b> Pro2 - Pro1310 HDMI/VGA/Composite/PC Audio Outlet Plate
	<b>PROP3309</b> Pro2 - ProPK3309 VGA & 3.5mm Wall Plate - Right Angle VGA Fitting at the rear of the plate
Skirting Board Outlets	
Unbranded / Generic	
	<b>OUTS75AF3G</b> Unbranded / Generic - Generic 3 GHz Skirting Board Socket F Female (Back) to F Female (Front)
	<b>OUTS75AP</b> Unbranded / Generic - Generic Skirting Board Socket F Female (Back) to PAL Female (Front)
Caravan	
Eziplate	

## OUTEZPLATE



**Eziplate - Eziplate**  
45mm Long F Male to  
F Female (Through The  
Wall Connection) Suits  
up to 40mm Wall (Needs  
Insert)

## Unbranded / Generic

### OUTB2020



**Unbranded / Generic -**  
Weather Proof Socket  
B2020 Single 'F' In White

## Earth Lead

### Jonsa

#### OUTCFXERTH



**Jonsa - Foxtel Earth**  
Lead GREEN/YELLOW  
2.5MM INSUL. 2M



# E :: Commercial MATV

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## Modulation

### Cleartsat

#### HDMI x 4 H.264 Encoder

Cleartsat **MODHD4660**



Clearview HD4660 HDMI/YUV/CVBS Quad MPEG2/H.264 DVB-T Modulator (1RU 19" Rack Mount)

## HD MPEG2/H.264

### Novonde

#### HDMI MPEG2/4 Dual DVB-T Modulator with IPTV

Novonde **MODHD2M24**

Novonde HDMI MPEG2/4 Dual DVB-T Modulator with IPTV (1RU 19" Rack Mount)

#### Dual HD Input Modulator (Rack Mount)

Novonde **MODHD2VGA**

Novonde Dual HD (multi VGA/HDMI) Input Modulator (1RU 19" Rack Mount) This unit has 2 HDMI/VGA Cartridges

#### HDMI MPEG2/4 Quad DVB-T Modulator

Novonde **MODHD4M24**

Novonde HDMI MPEG2/4 Quad DVB-T Modulator 2 x RF carriers and IPTV (1RU 19" Rack Mount)

#### Specifications

<b>Encoding</b>	MPEG 2(MP@ML)H.264/AVC (MP@HL)
<b>Input</b>	HDMI x 4
<b>Resolution</b>	1920x1080_50i, 1920x1080_60i, 1280x720_50P, 1280x720_60P
<b>Audio Encoding</b>	
<b>Encoding</b>	MPEG1 Layer II
<b>Sample rate</b>	48KHz
<b>Bit rate</b>	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps
<b>Modulation</b>	
<b>Standard</b>	EN300744
<b>FFT mode</b>	2K, 8K
<b>Bandwidth</b>	6M, 7M, 8M
<b>Constellation</b>	QPSK, 16QAM, 64QAM
<b>Guard Interval</b>	1/4, 1/8, 1/16, 1/32
<b>FEC</b>	1/2, 2/3, 3/4, 5/6, 7/8
<b>MER</b>	>= 32dB (Australian COFDM configurations)

#### Specifications

<b>RF frequency</b>	174~820MHz (Australian Ch. 6 ~ 69)
<b>RF Output level</b>	79~99 db $\mu$ V, 0.1db step
<b>Configuration</b>	
<b>Local interface</b>	Complete Front Panel Control + LCD
<b>Remote Management</b>	Web NMS
<b>Language</b>	English
<b>Physical Characteristics</b>	
<b>Power Supply</b>	AC 100V~240V
<b>Chassis Type</b>	19" Rack Mount
<b>Dimension</b>	482x455x44mm
<b>Weight</b>	3.2kg
<b>Operation Temperature</b>	0~45 degrees C

#### HDMI Single DVB-T Modulator MPEG 2/4 H.264 (Wall Mount)

Novonde **MODHDM1**

Novonde HDMI Single DVB-T Modulator MPEG 2/4 H.264 (Wall Mount)

## HD H.264 only

### Novonde

#### HDMI Single DVB-T Home Modulator Mpeg4 Only (Wall Mount)

Novonde **MODHD1H264**



Novonde HDMI Single DVB-T Home Modulator Mpeg4 Only (Wall Mount)

#### HDMI Quad DVB-T Modulator with IPTV (Rack Mount)

Novonde **MODHDM12**

Novonde HDMI 12 Channel DVB-T Modulator with IPTV. H.264/Mpeg4 only (1RU 19" Rack Mount)

#### HDMI 8 Channel DVB-T Modulator with IPTV. H.264/MPEG4 only. (1RU 19" Rack Mount)

Novonde **MODHDM8**

Novonde HDMI 8 Channel DVB-T Modulator with IPTV. H.264/MPEG4 only. (1RU 19" Rack Mount)

## SD

### Kingray

#### Single Input SD Modulator

Kingray **MODKDM101**



Kingray Single Input SD Modulator 47 - 820 MHz output 65-80dB Including Power Supply

#### SD Modulator With Video/Left & Right

Kingray **MODKDM401**



Kingray SD Modulator With Video/Left & Right Audio Quad DVB-T (1RU 19" Rack Mount) 2 Year Warranty

### Novonde

#### SD (CVBS) 12 Channel DVB-T Modulator with IPTV. H.264/MPEG4 only. (1RU 19" Rack Mount)

Novonde **MODSD12C**

Novonde SD (CVBS) 12 Channel DVB-T Modulator with IPTV. H.264/MPEG4 only. (1RU 19" Rack Mount)

#### 2 Channel Mini DVB-T Modulator (Wall Mount)

Novonde **MODSD2**



Novonde 2 Channel Mini DVB-T Modulator with CVBS/S-Video/YPbPr (Wall Mount)

#### Video Encoding

<b>Encoding</b>	MPEG 2 (MP@ML)
<b>Input</b>	CVBS x 2 (R/L audio) S-Video x 2 YPbPr x 2 (576i only)
<b>Resolution</b>	720x576 50i (PAL), 720x480 60i (NTSC)

#### Audio Encoding

<b>Encoding</b>	MPEG1 Layer II
<b>Sample rate</b>	48KHz

<b>Bit rate</b>	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps, 384kbps
<b>Modulation</b>	
<b>Standard</b>	EN300744, DVB-T COFDM
<b>FFT mode</b>	2K, 8K
<b>Bandwidth</b>	6M, 7M, 8M
<b>Constellation</b>	QPSK, 16QAM, 64QAM
<b>Guard Interval</b>	1/4, 1/8, 1/16, 1/32
<b>FEC</b>	1/2, 2/3, 3/4, 5/6, 7/8
<b>MER</b>	>= 32dB (Australian COFDM configurations)
<b>RF frequency</b>	174~820MHz (Australian Ch. 6 ~ 69)
<b>RF output level</b>	71~91 dbV, 0.1db step
<b>Configuration</b>	
<b>Local interface</b>	LCD + control buttons
<b>Remote management</b>	Web NMS
<b>Language</b>	English
<b>Physical Characteristics</b>	
<b>Power supply</b>	12V DC
<b>Dimensions</b>	144x238x52mm
<b>Weight</b>	1 kgs
<b>Operation temperature</b>	

### SD (CVBS) 12 Channel DVB-T Modulator with IPTV. H.264/MPEG4 only. (1RU 19" Rack Mount)

Novonde **MODSD20C**

Novonde SD (CVBS) 20 Channel DVB-T Modulator with IPTV. MPEG2 (1RU 19" Rack Mount)

### SD Quad DVB-T Modulator with IPTV

Novonde **MODSDYUV4**



Novonde SD (CVBS/S-Video/YPbPr) Quad DVB-T Modulator with IPTV (1RU 19" Rack Mount) - interchangeable input modules

#### Specifications

<b>Video Encoding</b>	
<b>Encoding</b>	MPEG 2 (MP@ML)
<b>Input</b>	CVBS x 4 (R/L audio) S-Video x4, YPbPr x 4
<b>Resolution</b>	720*576_50i
<b>Audio Encoding</b>	
<b>Encoding</b>	MPEG1 Layer II
<b>Sample rate</b>	48KHz
<b>Bit rate</b>	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps
<b>Modulation</b>	
<b>Standard</b>	EN300744
<b>FFT mode</b>	2K, 8K
<b>Bandwidth</b>	6M, 7M, 8M
<b>Constellation</b>	QPSK, 16QAM, 64QAM
<b>Guard Interval</b>	1/4, 1/8, 1/16, 1/32
<b>FEC</b>	1/2, 2/3, 3/4, 5/6, 7/8
<b>MER</b>	>= 32dB (Australian COFDM configurations)
<b>RF frequency</b>	174~820MHz (Australian Ch. 6 ~ 69)

<b>Specifications</b>	
<b>RF output level</b>	79~99 dbV, 0.1db step
<b>Configuration</b>	
<b>Local interface</b>	LCD + control buttons
<b>Remote management</b>	Web NMS
<b>Language</b>	English
<b>Physical Characteristics</b>	
<b>Power supply</b>	AC 100V~240V
<b>Dimensions</b>	482x455x44mm
<b>Weight</b>	3.2kgs
<b>Operation temperature</b>	0~45 degrees C

### SD Quad DVB-T Modulator with IPTV (Rack Mount)

Novonde **MODSDYUV4L**

Novonde SD (CVBS/S-Video/YPbPr) Quad DVB-T Modulator with IPTV (1RU 19" Rack Mount)

### Resilinx

#### Single Input SD Digital Modulator with IR

Resilinx **RLDM1102M**



Resi-Linx Single Input SD Digital Modulator with IR

#### RL-DM4000 - Quad Input SD DVB-T Digital Modulator. Combine with Resi-Linx IR Distribution

Resilinx **RLDM4000**



Resi-Linx RL-DM4000 - Quad Input SD DVB-T Digital Modulator. Combine with Resi-Linx IR Distribution Range for IR Control

#### 4 Input SD DVB-T Digital Modulator With IR Return Path. Includes 12V DC Power Supply. R

Resilinx **RLDM4000D**



RESI-LINX - 4 Input SD DVB-T Digital Modulator With IR Return Path. Includes 12V DC Power Supply.(require RL-RF380 and RL-RF210 for IR feature) with Remote Access and Monitoring

## Analogue

### Pro2

#### 2 RF Video Modulator

Pro2 **MODRFPRO2**



PRO 2 RF Video Modulator

### Resilinx

#### Single Channel UHF Analogue Modulator

Resilinx **RLRF100**



Resi-Linx Single Channel UHF Analogue Modulator

### Unbranded / Generic

#### Analogue Modulator UHF 21-69

Unbranded / Generic **MODARFM**

Analogue Modulator UHF 21-69

#### RF Modulator with IR Return

Unbranded / Generic **MODRFPROI**



RF Modulator with IR Return

## Trans-modulation

### RF

#### Novonde

Transmodulator 4 DVB-S2 in / 2 DVB-T out. 19" Rack

Novonde **MODTRNS4T2**



Transmodulator 4 DVB-S2 in / 2 DVB-T out. 19" Rack

Transmodulator 8x DVB-S2 in / 4x DVB-T out. 19" Rack

Novonde **MODTRNS8T4**

Transmodulator 8x DVB-S2 in / 4x DVB-T out. 19" Rack

Professional Head End Chassis. 2xPSU. 6 module slots. (Rack Mount)

Novonde **NOVPROHE2P**

Novonde Professional Head End Chassis. 2xPSU. 6 module slots. (1RU 19" Rack Mount)

## Distribution Amplifiers

#### Fagor

35dB Distribution Amp with active return path

Fagor **FGRDA354**



Fagor 35dB Distribution Amp with active return path

30dB Distribution Amp. Passive return path

Fagor **FGRSAB301**



Fagor 30dB Distribution Amp. Passive return path

30dB 4 Input Split Band Amplifier

Fagor **FGRSAB304**



30dB 4 Input Split Band Amplifier

35dB Distribution Amp with Satellite, Active return path

Fagor **FGRWBA433**



Fagor 35dB Wideband And Satellite Distribution Amp with active Return Path

#### Kingray

F Type Wideband 40dB Dist. Amplifier Combined Input

Kingray **AMPDA43**



Kingray F Type ,Wideband 40dB Dist. Amplifier Combined Input (Needs PSK18S)

##### Technical Specifications

Gain (dB)	40dB (44-860MHz)
Gain Control	1x 20dB
Switchable slope control	0, 5, 10, 15dB
Maximum Output	118dBuV

Amplifier U/V 32dB 12-18 V DC Two Input Fully Sheilded Inc. PSK06S

Kingray

**AMPDW32**



Kingray Amplifier U/V 32dB 12-18 V DC Two Input Fully Sheilded Inc. PSK06S

##### Technical Specifications

	VHF	UHF
Gain (db)	26~ 28dB (44-230MHz)	32 (470-860MHz)
Gain Control	1x 10db	1x 10db
Maximum Output	112dBuV	112dBuV

F Type Wideband 40dB Dist. Amplifier Separate or Combined Input

Kingray

**AMPDW42**



Kingray F Type ,Wideband 40dB Dist. Amplifier Separate or Combined Input (Needs PSK18S)

##### Technical Specifications

Gain (dB)	VHF 35~37dB (44 - 300 MHz) UHF 40dB (470 - 860 MHz)
Gain Control	VHF 2 x 20dB (Low Band/ High Band) UHF 1 x 20db
Maximum Output	VHF 118dBuV UHF 118dBuV

## Satellite

#### Kingray

**AMPSAT29D**

Kingray

**AMPSAT29D**



Kingray 29dB F Type Dual Sat. Input Amplifier 950-3000MHz



Mains or Line Powered 12/18 Volts (F30528)

### Specifications

<b>Frequency Range</b>	950 - 3000 MHz
<b>Maximum Gain</b>	29 dB
<b>Gain Control Range</b>	7 dB
<b>Maximum Output Level</b>	122 dB (-30 IMR)
<b>Noise Figure</b>	10 dB
<b>Tilt Control</b>	15 dB
<b>Input Connector</b>	F type
<b>Output Connectors</b>	F type
<b>Temperature Operating</b>	-10 to 50 degrees C
<b>Operating Voltage</b>	18V DC
<b>Suitable Plug Pack</b>	PSK18S/PSK18F
<b>Power Consumption</b>	200-450 mA (Depending on LNB current drain)
<b>LNB Supply Voltage</b>	12/18V DC
<b>Product Dimensions</b>	195X55X35mm

### AMPSAT42D

Kingray

AMPSAT42D



Kingray 42dB F Type Dual Sat. Input Amplifier 950-3000MHz  
Mains or Line Powered 12/18 Volts (F30481)

### Specifications

<b>Frequency Range</b>	950 - 3000 MHz
<b>Maximum Gain</b>	40 dB
<b>Gain Control Range</b>	20 dB
<b>Maximum Output Level</b>	122 dB (-30 IMR)
<b>Noise Figure</b>	10dB
<b>Tilt Control 15dB</b>	
<b>F Type</b>	F
<b>Input Connectors</b>	F Type
<b>Output Connectors</b>	F Type
<b>Temperature Operating</b>	-10 to 50 degrees C
<b>Operating Voltage</b>	18V DC
<b>Suitable plug pack</b>	PSK18S/F
<b>Power Consumption</b>	200 - 450 mA (Depending on LNB current drain)

### Unbranded / Generic

#### 4 way Splitter Amp Surge protected

Unbranded / Generic

AMPGOLD4

4 way Splitter Amp Surge protected

### Satellite In-line Amplifier 20dB 2 GHz

Unbranded / Generic

SATSA920LA



Satellite In-line Amplifier 20dB 2 GHz

## AV Distribution Amps

### SignalMAX

#### 6-Way Audio/Video Distribution Splitter Amplifier

SignalMAX

VIDAV486SM



SignalMAX 6-Way Audio/Video Distribution Splitter Amplifier

## Signal Processors

### Fagor

#### 6 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

Fagor

ATTFCU06



Fagor 6 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

#### 9 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

Fagor

ATTFCU09



Fagor 9 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

#### 12 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

Fagor

ATTFCU12



Fagor 12 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

#### 15 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

Fagor

ATTFCU15



Fagor 15 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

#### 18 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

Fagor

ATTFCU18



Fagor 18 db Equaliser covering 47 - 862 MHz. 1 dB insertion loss at 862 MHz

#### Frame to suit 9 modules & P/S

Fagor

FGRACCB608



Frame to suit 9 modules & P/S

## Programmer for 8000 series

Fagor **FGRACCU300**



Programmer for 8000 series

## BA 807 Power Bus Fagor 8000 Series

Fagor **FGRBA807**



BA 807 Power Bus Fagor 8000 Series

## Rack Frame 19" To Hold 7 modules plus PSU 83800 BSR807

Fagor **FGRBSR807**



Rack Frame 19" To Hold 7 modules plus PSU 83800 BSR807

## BST807 FRAME 7 modules + power supply 83805

Fagor **FGRCAF08**



BST807 FRAME 7 modules + power supply 83805

## Adjustment Plate (Module to 19" rack)

Fagor **FGRCAM08**



Adjustment Plate (Module to 19" rack)

## Wall cabinet + ventilation kit + 3 sockets CFR 807

Fagor **FGRCFR807**



Wall cabinet + ventilation kit + 3 sockets CFR 807

## USB 120ohm load 8000 series

Fagor **FGRCU120**



USB 120ohm load 8000 series

## Extension Unit for Programming and Managing Of The 8000 units (for joining to racks together)

Fagor **FGRECU8000**



Extension Unit for Programming and Managing Of The 8000 units (for joining to racks together)

## USB Controller 8000 series

Fagor **FGRLPU8000**



USB Controller 8000 series

## The Unit Is for Programming and Monitoring of the TTT8000 Units Modules from the PC

Fagor **FGRMCU8000**



The Unit Is for Programming and Monitoring of the TTT8000 Units Modules from the PC

## RF Bridge PMD 8000 series

Fagor **FGRPMD800**



RF Bridge PMD 8000 series

## Power Supply 8000 Series (95W) (SPS8000)

Fagor **FGRPS8000**



Power Supply 8000 Series (95W) (SPS8000)

## Headend Amplifier 8000 series

Fagor **FGRSHA8000**



Headend Amplifier 8000 series

## COFDM / COFDM Regenerator 8290

Fagor

FGRTTT8000



COFDM / COFDM Regenerator 8290

## USB Local Bus 8000 series 83811

Fagor

FGRUSB800



USB Local Bus 8000 series 83811

## USB Cable for the MCU8000 Programmer Module (30cm Long)

Fagor

FGRUSB801



USB Cable for the MCU8000 Programmer Module (30cm Long)

## Head ends

**Ikusi**

## Channel Processor TPC-110

Ikusi

HEDTPC110

Ikusi Channel Processor TPC-110

**Kingray**

## KCC-110 Channel Converter/Processor

Kingray

PROKCC110



Kingray KCC-110 Channel Converter/Processor

### Specifications

<b>Input frequency range</b>	44 ~ 862 MHz
<b>Output frequency range</b>	44 ~ 862 MHz
<b>Frequency resolution</b>	0.125 MHz
<b>Input / output channel naming</b>	By frequency (software selectable)
<b>Channel bandwidth</b>	7/8 MHz
<b>Output S/N and spurious</b>	>55 dB
<b>Input level range</b>	65 ~ 95 dBAZA1/4V 80 dBAZA¼V optimum analogue, 60 dBAZA¼V optimum digital
<b>AGC range</b>	30 dB Min. automatic
<b>Output level adjustment</b>	60-80 dBAZA¼V
<b>Phase noise</b>	-85 dBC/Hz at 10 kHz, -103 dBC/Hz at 100 kHz
<b>Monitor output</b>	-30 dB
<b>AGC LED</b>	Green - Within range, Amber - Low level, Red - Excessive level
<b>Supply voltage</b>	24 V DC
<b>Power consumption</b>	12 W MAX
<b>Operating temperature range</b>	0 to 55 °
<b>RF shielding</b>	70 dB

## KDM110 Two Input Composite Video Digital Mod.

Kingray

PROKDM110



Kingray KDM110 Two Input Composite Video Digital Modulator. Capable of converting two separate input sources

## KLA-110 Launch Amplifier/Power Supply

Kingray

PROKLA110



Kingray KLA-110 Launch Amplifier/Power Supply

### Specifications

<b>Input frequency range</b>	44 ~ 862 MHz
<b>Output frequency range</b>	44 ~ 862 MHz
<b>Output S/N and spurious</b>	55 dB
<b>Maximum input level</b>	95 dBAZA1/4V
<b>Maximum output level</b>	118 dBAZA1/4V* @ -60 dB IMR (DIN45004B)
<b>Noise figure</b>	2 dB (After combiner)
<b>Monitor output</b>	-30 dB
<b>RF Input / output level monitor</b>	Via USB on power supply unit
<b>Supply voltage</b>	24 V DC
<b>Power consumption</b>	5 W MAX
<b>Operating temperature range</b>	0 to 55deg C
<b>RF shielding</b>	70 dB

## Unbranded / Generic

## Head End P/Supply Alpha APX2 15amp

Unbranded / Generic

HEDPS



Head End P/Supply Alpha APX2 15amp

## Channel Processor (Digital) Agile 47-862

Unbranded / Generic

HEDTPC010D



Channel Processor (Digital) Agile 47-862

## Signal Processor Accessories

Kingray

### RF Link for Modules

Kingray

PROKLEO3



RF Link for Modules

### KR-110 19" Rack With Fan Assembly

Kingray

PROKR110F

Kingray KR-110 19" Rack With Fan Assembly

#### Specifications

Number of fans	4
Operating voltage	24V DC
Rated current (total)	400 mA
Rated Speed (min) 3100	Rated Speed (min) 3100
Max air flow (total) 3.64 (m3/min)	3.64 (m3/min)
Noise	31 dB (A)
Life expectancy	40,000 hours

### KR-110 Metal Rack Wall or 19" Rack Mounting

Kingray

PROKR110R



Kingray KR-110 Metal Rack Wall or 19" Rack Mounting

## Single Channel Amplifiers

Fagor



FGRBSKN10

Fagor - 19" Rack Frame for Nexum Single Channel Amplifiers

FGRBSTN06

Fagor - 6 Module Wall Frame for Nexum Single Channel Amplifiers



FGRBSTN12

Fagor - 12 Module Wall Frame for Nexum Single Channel Amplifiers



FGRBSTN18

Fagor - Wall Frame Nexum SCA 18 module



FGRCFRN106

Fagor - Lockable Housing (Box) for 6 Nexum Single Channel Amplifiers



FGRCFRN118

Fagor - Housing for Nexum Series SCA



FGRCH41DA

Fagor - Nexum SCA ch 41 Digital AGC



FGRCH43DA

Fagor - Nexum SCA ch 43 Digital AGC



FGRCH44DA

Fagor - Nexum SCA ch 44 Digital AGC



FGRCH47DA

Fagor - Nexum SCA ch 47 Digital AGC



FGRCH50DA

Fagor - Nexum SCA ch 50 Digital AGC



FGRCHFM

Fagor - Nexum Series SCA - FM band



FGRPL220

Fagor - Phase Link 220 mm



FGRPL250

Fagor - Phase Link 250mm (For Channels 40 to 50)



FGRPL330

Fagor - Phase Link 330mm (For channels 6-12 and UHF up to channel 30)



FGRPMDFFN

Fagor - F-F Coaxial Bridge for Nexum SCA



FGRSPS523

Fagor - Nexum Series SCA power supply SPS523 (2.3Amp)



FGRSPS610

Fagor - Nexum Series SCA power supply SPS610 (1Amp)



FGRCH06DA

Fagor - Nexum SCA ch 6 Digital AGC



FGRCH07DA

Fagor - Nexum SCA ch 7 Digital AGC



FGRCH08DA

Fagor - Nexum SCA ch 8 Digital AGC



FGRCH09AD

Fagor - Nexum SCA ch 9A (Digital Radio)



FGRCH09DA

Fagor - Nexum Series SCA ch 9 Digital AGC (For DAB Radio)



FGRCH10DA

Fagor - Nexum SCA ch 10 Digital AGC



FGRCH11DA

Fagor - Nexum SCA ch 11 Digital AGC















FGRCH12DA






Fagor - Nexum SCA ch 12 Digital AGC



FGRCH28DA

Fagor - Nexum SCA ch 28 Digital AGC

	<b>FGRCH29DA</b> Fagor - Nexum SCA ch 29 Digital AGC
	<b>FGRCH30DA</b> Fagor - Nexum SCA ch 30 Digital AGC
	<b>FGRCH31DA</b> Fagor - Nexum SCA ch 31 Digital AGC
	<b>FGRCH32DA</b> Fagor - Nexum SCA ch 32 Digital AGC
	<b>FGRCH33DA</b> Fagor - Nexum SCA ch 33 Digital AGC
	<b>FGRCH34DA</b> Fagor - Nexum SCA ch 34 Digital AGC
	<b>FGRCH35DA</b> Fagor - Nexum SCA ch 35 Digital AGC
	<b>FGRCH36DA</b> Fagor - Nexum SCA ch 36 Digital AGC
	<b>FGRCH37DA</b> Fagor - Nexum SCA ch 37 Digital AGC
	<b>FGRCH38DA</b> Fagor - Nexum SCA ch 38 Digital AGC
	<b>FGRCH39DA</b> Fagor - Nexum SCA ch 39 Digital AGC
	<b>FGRCH40DA</b> Fagor - Nexum SCA ch 40 Digital AGC

	<b>FGRCH42DA</b> Fagor - Nexum SCA ch 42 Digital AGC
	<b>FGRCH45DA</b> Fagor - Nexum SCA ch 45 Digital AGC
	<b>FGRCH46DA</b> Fagor - Nexum SCA ch 46 Digital AGC
	<b>FGRCH48DA</b> Fagor - Nexum SCA ch 48 Digital AGC
	<b>FGRCH49DA</b> Fagor - Nexum SCA ch 49 Digital AGC

## FOXTEL/MATV Distribution

### Digitek

5 Wire Satellite Multiswitch 8 Output Foxtel Approved. Foxtel Approval number F30499

Digitek

SAT5WMS58



Digitek 5 Wire Satellite Multiswitch 8 Output Foxtel Approved. Foxtel Approval number F30499

### Foxtel Approved Taps

Available Models:	Digitek
1 Way Tap 5-2400 MHz 10dB BK Foxtel Approved	TAP17110
1 Way Tap 5-2400 MHz 15dB BK Foxtel Approved	TAP17115
1 Way Tap 5-2400 MHz 20dB BK Foxtel Approved	TAP17120
1 Way Tap 5-2400 MHz 24dB BK Foxtel Approved	TAP17124
2 Way Tap 5-2400 MHz 10dB BK Foxtel Approved	TAP17210
2 Way Tap 5-2400 MHz 15dB BK Foxtel Approved	TAP17215
2 Way Tap 5-2400 MHz 20dB BK Foxtel Approved	TAP17220
4 Way Tap 5-2400 MHz 10dB BK Foxtel Approved	TAP17410
4 Way Tap 5-2400 MHz 15dB BK Foxtel Approved	TAP17415
4 Way Tap 5-2400 MHz 20dB BK Foxtel Approved	TAP17420
4 Way Tap 5-2400 MHz 24dB BK Foxtel Approved	TAP17424
6 Way Tap 5-2400 MHz 15dB Foxtel Approved	TAP17615
6 Way Tap 5-2400 MHz 20dB Foxtel Approved	TAP17620
6 Way Tap 5-2400 MHz 25dB Foxtel Approved	TAP17625
8 Way Tap 5-2400 MHz 20dB Foxtel Approved	TAP17820
8 Way Tap 5-2400 MHz 25dB Foxtel Approved	TAP17825

52400 MHz Foxtel Approved Taps

### Tee 2 Way CATV Splitters

Available Models:	Unbranded / Generic
Tee CATV 2 Way 2.08db	TEECATV208
Tee CATV 2 Way 2.11DB	TEECATV211
Tee CATV 2 Way 2.14db	TEECATV214
Tee CATV 2 Way 2.17db	TEECATV217
Tee CATV 2 Way 2.23db	TEECATV223
Tee CATV 2 Way 26db C226	TEECATV226
Tee CATV 2 Way 2.29db	TEECATV229
Tee CATV 2 Way 2.32db	TEECATV232
Tee CATV 2 Way 8db	TEECATV28

Tee 2 Way CATV Splitters

## Actives

### Fagor

Satellite In-line Amplifier 20dB 2 GHz

Fagor

FGRIFA400



NEXUM IF Sat Amplifier

## Ikusi

### Multiswitch Ikusi MT-0516 5 In 16 Out

Ikusi **SATMS0516**



Multiswitch Ikusi MT-0516 5 In 16 Out

### Multiswitch Ikusi MT-0524 5 In 24 Out

Ikusi **SATMS0524**



Multiswitch Ikusi MT-0524 5 In 24 Out

### Multiswitch Ikusi MT-0532 5 In 32 Out

Ikusi **SATMS0532**



Multiswitch Ikusi MT-0532 5 In 32 Out

## TDT

## Spaun

### Free To Air / TDT 2 Way Splitter - Foxtel Approved

Spaun **AS2FNPP**

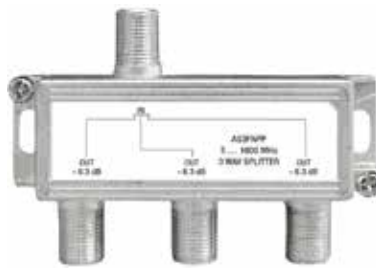


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Spaun Free To Air / TDT 2 Way Splitter - Foxtel Approved

### FTA/TDT 3 Way Splitter. Foxtel Approved

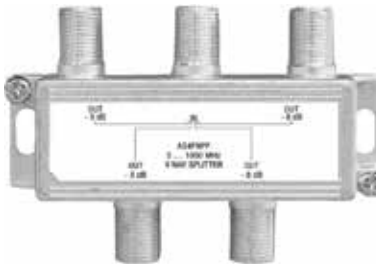
Spaun **AS3FNPP**



FTA/TDT 3 Way Splitter. Foxtel Approved

### FTA/TDT 4 Way Splitter. Foxtel Approved

Spaun **AS4FNPP**



FTA/TDT 4 Way Splitter. Foxtel Approved

### FTA/TDT 4 Way Tap 12dB. Foxtel Approved

Spaun **AS4TF12**



FTA/TDT 4 Way Tap 12dB. Foxtel Approved

### Foxtel Approved FTA/TDT 16dB 8 Way Tap

Spaun **AS8TF16II**



Foxtel Approved FTA/TDT 16dB 8 Way Tap

## Zinwell

### 2 Way "F" Splitter 5-1000MHz

Zinwell **SPLMSG2A**



2 Way "F" Splitter 5-1200MHz - MSG2A Zinwell - for TDT QAM

### 3 Way "F" Splitter 5-1000MHz

Zinwell **SPLMSG313L**



Zinwell 3 Way "F" Splitter 5-1200MHz (MSG313LT-B) for use with TDT QAM Systems

### Zinwell TDT Isolator CATV 738/70

Zinwell **TDTISOL**



Zinwell TDT Isolator CATV 738/70

## 5-Wire Multi-switches

## Digitek

### Foxtel Approved 5 Wire Amplifier Supports 13V & 18V via One Power Supply

Digitek **SAT5WAMP5**



Digitek Foxtel Approved 5 Wire Amplifier Supports 13V & 18V via One Power Supply

## 5 Wire Satellite Multiswitch 12 Output Foxtel Approved. Foxtel Approval Number F30800

Digitek

SAT5WMS512



Digitek 5 Wire Satellite Multiswitch 12 Output Foxtel Approved. Foxtel Approval Number F30800

## Foxtel Approved 5 Input 16 Output Multiswitch. Foxtel Approval Number F30500

Digitek

SAT5WMS516



Digitek Foxtel Approved 5 Input 16 Output Multiswitch. Foxtel Approval Number F30500

### Technical Specifications

<b>Inputs</b>	4 x SAT, 1 X TERR
<b>Frequency Range</b>	Sat: 950 ~ 2150 MHz, Terr: 5 ~ 862 MHz
<b>Gain</b>	SAT: 950 ~ 2050 MHz, TERR: 47 ~ 862 MHz
<b>SAT O/P Level</b>	SAT: 0dB ~ 10dB, TERR: -5dB ~ 10dB
<b>Terr O/P Level</b>	-5dB ~ 10dB
<b>Isolation TERR ~ SAT</b>	90dBuV @25dB IM notch test 80dBuV @30dB IM
<b>Output Isolation</b>	>25dB
<b>Return Loss</b>	>25dB
<b>Return Loss</b>	SAT: > 10 dB, TERR: > 10 dB
<b>Supply Current (Max)</b>	200mA
<b>Power for Terr</b>	18V / 140mA
<b>FOXTEL Approval Number.</b>	F30425

## 5 Wire Satellite Multiswitch 24 Output Foxtel Approved. Foxtel Approval number F30801

Digitek

SAT5WMS524



Digitek 5 Wire Satellite Multiswitch 24 Output Foxtel Approved. Foxtel Approval number F30801

## 5 Wire Satellite Multiswitch 32 Output Foxtel Approved. Foxtel Approval number F30802

Digitek

SAT5WMS532



Digitek 5 Wire Satellite Multiswitch 32 Output Foxtel Approved. Foxtel Approval number F30802

## Foxtel Approved Power Supply for Digitek 5 Wire Active Range. 18V DC 1.6A' F' Type Power Supply. Fo

Digitek

SAT5WPS18F



Foxtel Approved Power Supply for Digitek 5 Wire Active Range. 18V DC 1.6A' F' Type Power Supply. Foxtel Approval Number F30807

## Foxtel Approved F Male to F Male Quick F-F Joiner (3GHz). Foxtel Approval Number F30857

Digitek

SAT5WQC



Foxtel Approved F Male to F Male Quick F-F Joiner (3GHz). Foxtel Approval Number F30857

## 5 Input 2 Way Splitter Foxtel Approved - Foxtel Approval number F30426

Digitek

SAT5WSP25



Digitek 5 Input 2 Way Splitter Foxtel Approved - Foxtel Approval number F30426

## 5 Input 4 Way Splitter Foxtel Approved. Foxtel Approval number F30427

Digitek

SAT5WSP45



Digitek 5 Input 4 Way Splitter Foxtel Approved. Foxtel Approval number F30427

## 5 Wire Tap 10dB Cascadeable Foxtel Approved. Foxtel Approval number F30424

Digitek

SAT5WTAP10



Digitek 5 Wire Tap 10dB Cascadeable Foxtel Approved. Foxtel Approval number F30424

### Technical Specifications

<b>Inputs/Outputs</b>	4 x SAT, 1 X TERR
<b>Frequency Range</b>	Sat: 950 ~ 2150 MHz, Terr: 5 ~ 862 MHz
<b>Tap Loss</b>	Sat: 7.5 ~ 12dB Fixed Slope Terr: 10dB +/- 2dB
<b>Trunk Loss</b>	Sat: 2dB Terr: 1.2dB
<b>Directivity</b>	Sat: >10dB Terr: >21dB
<b>TERR Rejection</b>	-13dB
<b>Isolation (SAT)</b>	>35dB
<b>Return Loss</b>	Sat: > -10dB Terr: > -17dB
<b>DC pass on Sat paths</b>	2A Max
<b>DC pass on H paths</b>	0.5A Max
<b>FOXTEL App No.</b>	F30524

## 5 Wire Tap 15dB Cascadeable Foxtel Approved. Foxtel Approval number F30425

Digitek

SAT5WTAP15



Digitek 5 Wire Tap 15dB Cascadeable Foxtel Approved. Foxtel Approval number F30425

### Technical Specifications

<b>Inputs/Outputs</b>	4 x SAT, 1 X TERR
<b>Frequency Range</b>	Sat: 950 ~ 2150 MHz, Terr: 5 ~ 862 MHz
<b>Tap Loss</b>	Sat: 12.5 ~ 17.5dB Fixed Slope Terr: 15dB +/- 2dB
<b>Trunk Loss</b>	Sat: 1dB Terr: 1dB
<b>Directivity</b>	Sat: >10dB Terr: >20dB
<b>TERR Rejection</b>	-18dB
<b>Isolation (SAT)</b>	>35dB
<b>Return Loss</b>	Sat: > -10dB Terr: > -18dB
<b>DC pass on Sat paths</b>	2A Max
<b>DC pass on H paths</b>	0.5A Max
<b>FOXTEL App No.</b>	F30425

## 5 Wire Tap 20dB Cascadeable Foxtel Approved. Foxtel Approval number F30541

Digitek

SAT5WTAP20



Digitek 5 Wire Tap 20dB Cascadeable Foxtel Approved. Foxtel Approval number F30541

### Technical Specifications

<b>Inputs/Outputs</b>	4 x SAT, 1 X TERR
<b>Frequency Range</b>	Sat: 950 ~ 2150 MHz, Terr: 5 ~ 862 MHz
<b>Tap Loss</b>	Sat: 22 ~ 19dB Fixed Slope Terr: 20dB +/- 2dB
<b>Trunk Loss</b>	Sat: 1dB Terr: 0.5 ~ 1dB
<b>Directivity</b>	Sat: >10dB Terr: >32dB
<b>TERR Rejection</b>	-22dB
<b>Isolation (SAT)</b>	>35dB
<b>Return Loss</b>	Sat: > -10dB Terr: > -20dB
<b>DC pass on Sat paths</b>	2A Max

### Technical Specifications

<b>DC pass on H paths</b>	0.5A Max
<b>FOXTEL App No.</b>	F30427

Ikusi

## Splitter 4 Way 5 Wire MT-5W4SP

Ikusi

SATMS5W4SP



Splitter Ikusi 4 Way 5 Wire MT-5W4SP

## Multitap 5 Wire 10db Cascade

Ikusi

SATMST5W10



Multitap Ikusi 5 Wire 10db Cascade

## Multitap 5 Wire 15db Cascade

Ikusi

SATMST5W15



Multitap Ikusi 5 Wire 15db Cascade

## Multitap Ikusi 5 Wire 20db Cascade

Ikusi

SATMST5W20



Multitap Ikusi 5 Wire 20db Cascade

## 5 Wire Amp 20db Gain

Ikusi

SATMT5WHEAMP



Ikusi 5 Wire Amp 20db Gain

Jonsa

## F Male - F Male Quick Connect Foxtel Approved - Jonsa

Jonsa

SAT5WQCJE

F Male - F Male Quick Connect Foxtel Approved - Jonsa

SignalMAX

## 2 In 4 Out MultiSwitch - SignalMAX -Foxtel Approved - F10279

SignalMAX

SATMS24SM



2 In 4 Out MultiSwitch - SignalMAX -Foxtel Approved - F10279

### Specifications

<b>Inputs IF (SAT)</b>	2 (F-type)
<b>Outputs to Receivers (IRD's)</b>	4 (F-type)
<b>Frequency Range</b>	950-2050MHz
<b>950MHz/Thru loss/ Amplification @ 950MHz</b>	0db +/- 2db
<b>2050MHz/Thru loss/ Amplification @ 2050MHz</b>	+5db +/- 2db
<b>Max. Output level IF - IMA2</b>	105 dbmV
<b>Max. Output level IF - IMA3</b>	98 dbmV
<b>Return-Loss Inputs/Output</b>	>10db
<b>Isolation between H/V</b>	>25db
<b>Isolation between Outputs</b>	>25db
<b>Selection LNB/Polarity</b>	14.5-16.0 V"



## 2 In 8 Out MultiSwitch - SignalMAX - Foxtel Approved - F10280

SignalMAX

SATMS28SM



2 In 8 Out MultiSwitch - SignalMAX - Foxtel Approved - F10280

### Specifications

Inputs IF (SAT)	2 (F-type)
Outputs to Receivers (IRD's)	8 (F-type)
Frequency Range	950-2050MHz
950MHz/Thru loss/Amplification @ 950MHz	0db +/- 2db
2050MHz/Thru loss/Amplification @ 2050MHz	+5db +/- 2db
Max. Output level IF - IMA2	105 dbmV
Max. Output level IF - IMA3	98 dbmV
Return-Loss Inputs/Output	>10db
Isolation between H/V	>25db
Isolation between Outputs	~25db
Selection LNB/Polarity	14.5-16.0 V"

## 3 In 4 Out MultiSwitch - SignalMAX - Foxtel Approved - F30057

SignalMAX

SATMS34SM

3 In 4 Out MultiSwitch - SignalMAX - Foxtel Approved - F30057

### Specifications

Frequency Range	950~2050MHz
Inputs	2 SAT & 1 TER
Outputs to Receivers (IRD's)	4 (F-type)
Tap Gain	3dB
Isolation Horiz./Vert.	>25dB
Isolation Sat Port to Port	>26dB
Control Horizontal	16~19 V
Control Vertical	11.5~14 V
Current Capacity Min.	400mA
Supply Voltage	Via STU
Return Loss Input	>10dB
Return Loss Output	>10dB
Minimum Output level IMA3	92dB
Noise Figure Sat	<6dB
Terrestrial TV Frequency Range	40~862MHz
Rejection TER/SAT	>24dB
Rejection SAT/TER	>40dB
TER Isolation Port to Port	>25db
Terrestrial TV Insertion Loss	10dB

## 3 In 8 Out MultiSwitch - SignalMAX - Foxtel Approved - F30058

SignalMAX

SATMS38SM



3 In 8 Out MultiSwitch - SignalMAX - Foxtel Approved - F30058

### Specifications

Frequency Range	950~2050MHz
Inputs	2 SAT & 1 TER
Outputs to Receivers (IRD's)	8 (F-type)
Tap Gain	3dB
Isolation Horiz./Vert.	>25dB
Isolation Sat Port to Port	>26dB
Control Horizontal	16~19 V
Control Vertical	11.5~14 V
Current Capacity Min.	400mA
Supply Voltage	Via STU
Return Loss Input	>10dB
Return Loss Output	>10dB
Minimum Output level IMA3	92dB
Noise Figure Sat	<6dB
Terrestrial TV Frequency Range	40~862MHz
Rejection TER/SAT	>24dB
Rejection SAT/TER	>40dB
TER Isolation Port to Port	>25db
Terrestrial TV Insertion Loss	16dB

Spaun

## Tap 1 Way 5 Wire Cascade 10dB (Foxtel Approved)

Spaun

AZR555010



Spaun Tap 1 Way 5 Wire Cascade 10dB (Foxtel Approved)

## Tap 1 Way 5 Wire Cascade 15dB (Foxtel Approved)

Spaun

AZR555015



Spaun Tap 1 Way 5 Wire Cascade 15dB (Foxtel Approved)

## 5 Wire Multiswitch Cascade 12 Active Outputs (Foxtel Approved)

Spaun

SMK55123FA



Spaun 5 Wire Multiswitch Cascade 12 Active Outputs (Foxtel Approved)

## 5 Wire Multiswitch Cascade 16 Active Outputs (Foxtel Approved)

Spaun

SMK55163FA



Spaun 5 Wire Multiswitch Cascade 16 Active Outputs (Foxtel Approved)

## 5 Wire Multiswitch Cascade 24 Active Outputs (Foxtel Approved)

Spaun

SMK55243FA



Spaun 5 Wire Multiswitch Cascade 24 Active Outputs (Foxtel Approved)

## 5 Wire Multiswitch Cascade 12 Active Outputs (Foxtel Approved)

Spaun SMK5583FA



Spaun 5 Wire Multiswitch Cascade 8 Active Outputs (Foxtel Approved)

## 2 Wire Multiswitch Cascade 12 Outputs (Foxtel Approved)

Spaun SMS2212F



Spaun 2 Wire Multiswitch Cascade 12 Outputs (Foxtel Approved)

## 2 Wire 8 Output Multiswitch End of Line

Spaun SMS287F



Spaun 2 Wire 8 Output Multiswitch End of Line

## 2 Way 5 Wire F Type Spiltter 5-2200 MHz (Foxtel Approved)

Spaun VTS525



Spaun 2 Way 5 Wire F Type Spiltter 5-2200 MHz (Foxtel Approved)

## Accessories

### Digitek

DC Terminator. Sold in Packets of 2. Foxtel Approval Number F30858

Digitek SAT5WDCIT2



DC Terminator. Sold in Packets of 2. Foxtel Approval Number F30858

### Ikusi

Power Surge DC Blocker Ikusi

Ikusi ELEDCEBLOCK



Power Surge DC Blocker Ikusi

### Jonsa

Foxtel Approved F Male 75 Ohm Terminator with 'O' Ring. Foxtel Approval Number F30732

Jonsa CONT75JE



Jonsa Foxtel Approved F Male 75 Ohm Terminator with 'O' Ring. Foxtel Approval Number F30732

## DC Isolated Terminator Foxtel Approved Jonsa (Packet of 2)

Jonsa SAT5WTERM



DC Isolated Terminator Foxtel Approved Jonsa (Packet of 2)

### Kingray

KFTERM01

Kingray KFTERM01

KFTERM01 75 Ohm F-Terminator, DC Blocking (F30999)

### Spaun

Foxtel Approved Spaun In Line DC Blocker F Female to F Male. Sold in Packets of 2. Foxtel Approval

Spaun SAT5WDCBLK

Foxtel Approved Spaun In Line DC Blocker F Female to F Male. Sold in Packets of 2. Foxtel Approval Number F10456

## Slope Equaliser 950-2200 MHz (Foxtel Approved)

Spaun SLR2200F



Spaun Slope Equaliser 950-2200 MHz (Foxtel Approved)

## Satellite & Terrestrial Taps

### Kingray

PIK2400

Kingray PIK2400



PIK2400 Power Injector, 60V 2A Max. (F31017)

## PSK124F

Kingray

PSK124F



PSK124F 12v /2A Power Supply For Kingray Multistacker (F30966)

## Satellite Distribution Amplifiers

Kingray

## KAT16F

Kingray

KAT16F



Kingray KAT16F 16 Port Active Tap 47-2400, (F31010) Coming Soon.

## KAT32F

Kingray

KAT32F



Kingray KAT32F 32 Port Active Tap 47-2400, (F30976) Coming Soon.

## KAT32F

Kingray

KAT8F



Kingray KAT8F 8 Port Active Tap 47-2400, (F31011)

## SAT25S

Kingray

SAT25S



Kingray F Type Single Input Amplifier, 950-2400 MHz (# F30948)

### Specifications

#### ELECTRICAL SPECIFICATION

Frequency Range	950 - 2400 MHz
Maximum Gain	25dB
Gain Control Range	0-10dB
Maximum Output Level	112dB (-30 IMR3)
Noise Figure	10dB
Tilt Control	0-15dB
Return Loss	10dB

#### MECHANICAL SPECIFICATION

Input Connector	F Type
Output Connector	F Type
Wall Mountable	Yes

#### ENVIRONMENTAL

Temperature	operating-10 to 50 degrees C
-------------	------------------------------

#### POWER SUPPLY

Operating Voltage	18V DC
Suitable plug pack	PSK18S or PSK18F
Power Consumption	110 - 260 mA (Depending on LNB current drain)
LNB Supply Voltage	12/18 V DC

#### DIMENSIONS

Product Dimensions	195 x 55 x 35 mm
Weight	net250 grams

## SAT40S

Kingray

SAT40S



Kingray SAT40S F Type Single Input Amplifier, 950-2400 MHz (# F30949)

### Specifications

#### ELECTRICAL SPECIFICATION

Frequency Range	950 - 2400 MHz
Maximum Gain	40dB
Gain Control Range	0-20dB
Maximum Output Level	122dB (-30 IMR3)
Noise Figure	10dB
Tilt Control	0-15dB
Return Loss	10dB

#### MECHANICAL SPECIFICATION

Input Connector	F Type
Output Connector	F Type

### Specifications

Wall Mountable	Yes
<b>ENVIRONMENTAL</b>	
Temperature	operating-10 to 50 degrees C
<b>POWER SUPPLY</b>	
Operating Voltage	18V DC
Suitable plug pack	PSK18S or PSK18F
Power Consumption	260 - 410 mA (Depending on LNB current drain)
LNB Supply Voltage	12/18 V DC
<b>DIMENSIONS</b>	
Product Dimensions	195 x 55 x 35 mm
Weight	net250 grams

## Multiswitch Solutions

Kingray

## KMSF1 Satellite Distribution Over Single Cable

Kingray

KMSF1



Kingray KMS-F1 Satellite Distribution Over Single Cable Multistacker. Frequency Range 950-2350 MHz. Foxtel Approved - F30963

### Specifications

Input Connectors	4 x F Type
Output Connectors	1 x F Type
Input / Output Frequency Range	950-2350 MHz
Typical Input Power Range	65-85dBuV
Typical Output Power Range	80-85dBuV

# F :: Home Theatre & Multi-Room Audio

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## HDMI Distribution

### Kramer

#### DIP-20

Kramer

KRDIP20

4K UHD HDMI & VGA with Ethernet, Bidirectional RS-232, IR & Stereo Audio over HDBaseT Transmitter & Step-In Commander

## HDMI Splitters

### Blustream

#### BSSP12ABV2

Blustream

BSSP12ABV2



Blustream 1 in 2 out HDMI Splitter 4K/UHD/3D with EDID control and Audio Breakout (Analogue & SPDIF) V2

#### Specifications

<b>Video Input Connectors</b>	1x HDMI Type A, 19-pin, female
<b>Video Output Connectors</b>	2x HDMI Type A, 19-pin, female
<b>Audio Output Connectors</b>	1x RCA (SPDIF), 1x 3.5mm stereo jack (L/R)
<b>EDID Management</b>	4-PIN DIP switch
<b>Product Dimensions (WxDxH)</b>	115 x 70 x 25mm (with connections)
<b>Product Dimensions (WxDxH)</b>	115 x 65 x 25mm (without connections)
<b>Dimensions including connections (W x H x D)</b>	83mm x 15mm x 83mm
<b>Product Weight</b>	0.2kg (excluding accessories)
<b>Carton / Box Dimensions (WxDxH)</b>	165 x 110 x 90mm
<b>Shipping Weight</b>	0.5kg
<b>Operating Temperature</b>	32° to 104° (0° to 40°)
<b>Storage Temperature</b>	-4° to 140° (-20° to 60°)
<b>Power Supply</b>	5V / 1A DC, screw type connector

#### 1-in 2-out HDMI Splitter

Blustream

SP12AB



Blustream 1 in 2 out HDMI Splitter 4K/UHD/3D with EDID control and Audio Breakout (Analogue & SPDIF)

#### 1-in 4-out HDMI Splitter

Blustream

SP14AB



Blustream 1 in 4 out HDMI Splitter with EDID control and Audio Breakout (Analogue & SPDIF)

#### specifications

<b>Video Input Connectors</b>	1x HDMI Type A, 19-pin, female
<b>Video Output Connectors</b>	4x HDMI Type A, 19-pin, female
<b>Audio Output Connectors</b>	1x RCA (SPDIF), 1x 3.5mm stereo jack (L/R)
<b>EDID Management</b>	4-pin DIP switch
<b>Product Dimensions (WxDxH)</b>	195 x 85 x 30mm (with connections)
<b>Product Dimensions (WxDxH)</b>	195 x 80 x 25mm (without connections)
<b>Product Weight</b>	0.4kg (excluding accessories)
<b>Carton / Box Dimensions (WxDxH)</b>	295 x 155 x 80mm
<b>Shipping Weight</b>	0.8kg
<b>Operating Temperature</b>	32° to 104° (0° to 40°)
<b>Storage Temperature</b>	-4° to 140° (-20° to 60°)
<b>Power Supply</b>	5V / 2A DC, screw type connector

#### 4-Way 4K HdmI 2.0 Splitter

Blustream

SP14V2



Blustream 4 Way 4K HdmI 2.0 Splitter with EDID management -HDCP 2.2 SP14-V2

#### Specifications

<b>Video Input Connectors</b>	1x LAN RJ45 connector,
<b>Video Output Connectors</b>	1x HDMI Type A, female
<b>EDID</b>	RS-232 serial port
<b>Video Output Connectors</b>	1x LAN RJ45 connector (Ethernet/video extension)
<b>Dimensions (WxDxH)</b>	175mm x 84mm x 15mm, without feet
<b>Shipping Weight</b>	0.4kg
<b>Operating Temperature</b>	32° to 104° (0° to 40°)
<b>Storage Temperature</b>	-4° to 140° (-20° to 60°)
<b>Power Supply</b>	5V/2A DC

## Unbranded / Generic

#### 2 Way HDMI Splitter (1-Input > 2 Output)

Unbranded / Generic

AVSH12SP



2 Way HDMI Splitter (1-Input > 2 Output)

## HDBaseT Splitters

### Blustream

#### 4-Way 4K HDBaseT Splitter

Blustream

HSP14AB



Blustream 4-Way 4K HDBaseT Splitter with Audio Breakout, EDID Management and HDMI Loop Out

#### 4-Way HDCP 2.2 HDBASE T 4K HDBaseT Splitter with Audio Breakout, EDID Management

Blustream

HSP14ABV2



Blustream 4-Way HDCP 2.2 HDBASE T 4K HDBaseT Splitter with Audio Breakout, EDID Management HDMI Loop Out

## HDMI Switchers

### Blustream

#### 2-Way HDMI switch with integrated audio breakout

Blustream

BSSW21V2



Blustream 2-Way HDMI switch with integrated audio breakout. The switch supports all video resolutions up to and including 4K HDCP 2.2 SwitchK

#### 4-Way HDMI switch with integrated audio breakout

Blustream

BSSW41



Blustream 4-Way HDMI switch with integrated audio breakout. The switch supports all video resolutions up to and including 4K

## 4-Way HDMI switch with integrated audio breakout

Bluestream

BSSW41V2



Bluestream 4-Way HDMI switch V2 HDMI 2.0 and HDCP2.2 compatible (no audio breakout). The switch supports all video resolutions up to and including 4K

Kramer

## 2x1 Automatic 4K UHD HDMI Standby Switcher - 4K@60 UHD (4:4:4)

Kramer

KRVS211H2

2x1 Automatic 4K UHD HDMI Standby Switcher - 4K@60 UHD (4:4:4)

## HDMI Matrix

Bluestream

### MX42AB HDMI matrix

Bluestream

BSMX42AB



Bluestream MX42AB HDMI matrix individually distributes four HDMI sources to two displays enabling all sources to be viewed seamlessly as required within a matrix configuration

### 4K HDMI/VGA 4x4 matrix switcher

Bluestream

BSMX44VW



Bluestream MX44VW. 4K HDMI/VGA 4x4 matrix switcher. 2x2, 4x1 or 1x4 video wall solution

### 4x4 Matrix Switcher

Bluestream

MX44AB



Bluestream 4 x 4 Matrix Switcher with EDID control and RS232, IR and IP control. Receivers not included

#### Specifications

<b>Video Input Connectors</b>	4x HDMI Type A, 19-pin, female, locking
<b>Video Output Connectors</b>	4x HDMI Type A, 19-pin, female, locking
<b>Audio Output Connectors</b>	4x RCA (SPDIF), 4x Analogue audio L/R (3.5mm stereo Jack)

#### Specifications

<b>RS-232 Serial Port</b>	DB-9, female
<b>IR Input Ports</b>	5x 3.5mm stereo jack
<b>IR Output Ports</b>	IR Output Ports
<b>Product Dimensions (WxDxH)</b>	285 x 155 x 50mm (with feet & connections)
<b>Product Dimensions (WxDxH)</b>	285 x 145 x 45mm (without feet & connections)
<b>Product Weight</b>	1.3kg (excluding accessories)
<b>Carton / Box Dimensions (WxDxH)</b>	345 x 205 x 120mm
<b>Shipping Weight</b>	2.1kg
<b>Operating Temperature</b>	32° to 104° (0° to 40°)
<b>Storage Temperature</b>	-4° to 140° (-20° to 60°)
<b>Power Supply</b>	12V / 2A DC, screw type connector

### 8x8 Matrix Switcher

Bluestream

MX88ED



Bluestream 8 x 8 Matrix Switcher with EDID control and RS232, IR and IP control. Receivers not included

## HDBaseT Matrix

Bluestream

### 4x4 HDBaseT Matrix Kit

Bluestream

HMXL44KITV2



Bluestream 4x4 HDBaseT Matrix Kit - 70m (4K up to 40m), Bi-directional IR, PoH (PoE), Simultaneous HDMI Outputs, Audio Breakout, RS-232 & IP Control, Includes 4 x Hex70ed-RX Receivers, HDCP 2.2, Web GUI Interface, Line Level Volume

### 8x8 HDBaseT Matrix

Bluestream

HMXL88V2



Bluestream 8x8 HDBaseT Matrix - 6 x 70m (4K up to 40m) HDBaseT Outputs & 2 HDMI Outputs, Bi-directional IR, PoH (PoE), RS-232 & IP Control, HDCP 2.2, WEB GUI interface

### 6x6 HDBaseT Matrix Switcher

Bluestream

PLA66ARCV2



Bluestream 6 x 6 HDBaseT (100m) Matrix Switcher Audio Breakout/ARC - requires HEX70BRX HDBaseT Receivers. PLA66ARCV2

### 8x8 HDBaseT Matrix Switcher

Bluestream

PLA88ARCV2



Bluestream 8 x 8 HDBaseT Matrix Switcher - requires HEX70BRX HDBaseT Receivers

### 8x8 HDBaseT Platinum Matrix

Bluestream

PLA88LV2



Bluestream 8 x 8 HDBaseT Platinum Matrix - 70m, 4K, HDCP 2.2 Web GUI Level Volume Control (Up to 40m)

Kramer

### KRHDBT7OUT2F16

Kramer

KRHDBT7OUT2F16



Kramer 2x1 Channel 4K60 4:2:0 HDMI over Long Reach HDBaseT Output Card

#### Specifications

<b>PORTS</b>	2 HDBaseT TP on RJ45 connectors, 2 RS-232 Serial ports on a 5 pin terminal block, 2 IR ports on 3.5mm jacks
<b>BANDWIDTH PER CHANNEL</b>	Video: 3.4Gbps, serial data: 115200
<b>TOTAL BANDWIDTH</b>	Video: 10.2Gbps, serial data: 115200
<b>MAXIMUM RANGE</b>	40m (130ft) - 4K@60Hz (4:2:0) or 4K@30Hz (4:4:4), 70m (230ft) - 1080p 12 bit (deep color)
<b>3D PASS THROUGH</b>	Supported
<b>POWER CONSUMPTION</b>	8W
<b>OPERATING TEMPERATURE</b>	0° to +40° (32° to 104°)
<b>STORAGE TEMPERATURE</b>	-40° to +70° (-40° to 158°)
<b>HUMIDITY</b>	10% to 90%, RHL non-condensing
<b>PRODUCT DIMENSIONS</b>	19cm x 13cm x 2cm (7.5 x 5.1 x 0.8) W, D, H
<b>PRODUCT WEIGHT</b>	0.16kg (0.35lbs) approx
<b>STANDARD COMPLIANCE</b>	HDCP 1.4, HDMI 1.3a, HDBaseT, HDTV compatible
<b>SHIPPING WEIGHT</b>	0.35kg (0.77lbs) approx
<b>SAFETY REGULATORY COMPLIANCE</b>	CE
<b>ENVIRONMENTAL REGULATORY COMPLIANCE</b>	Complies with appropriate requirements of RoHs and WEEE

## KRUHDIN2F16

Kramer

KRUHDIN2F16



Kramer UHDâˆ“IN2âˆ“F16 is a twoâˆ“channel 4K@60Hz (4:2:0) HDMI input card for the VSâˆ“1616 Series Modular Multiâˆ“Format Digital Matrix Switchers. The UHDâˆ“IN2âˆ“F16 inputs two HDMI signals into the chassis.

### Specifications

<b>PORTS</b>	2 HDMI
<b>BANDWIDTH PER CHANNEL</b>	2.97Gbps per graphics channel
<b>TOTAL BANDWIDTH</b>	8.91Gbps data rate
<b>MAXIMUM RANGE</b>	10m (32ft) - 4K60 (4:2:0) or 4K30 (4:4:4), 15m (49ft) - 1080p 12 bit (deep color)
<b>3D PASS THROUGH</b>	Supported
<b>HDMI SUPPORT</b>	3D, Deep Color, x.v.Color™, ARC, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, 7.1 multi-channel audio
<b>POWER CONSUMPTION</b>	3.7W
<b>OPERATING TEMPERATURE</b>	0° to +40° (32Â° to 104°)
<b>STORAGE TEMPERATURE</b>	-40° to +70° (-40° to 158°)
<b>HUMIDITY</b>	10% to 90%, RHL non-condensing
<b>INCLUDED ACCESSORIES</b>	Power cord, infrared remote control transmitter
<b>PRODUCT DIMENSIONS</b>	19cm x 13cm x 2cm (7.5 x 5.1 x 0.8) W, D, H
<b>PRODUCT WEIGHT</b>	0.23kg (0.51lbs) approx
<b>STANDARD COMPLIANCE</b>	HDCP 1.4, HDMI 1.4, HDTV compatible
<b>SHIPPING WEIGHT</b>	0.37kg (0.82lbs) approx
<b>SAFETY REGULATORY COMPLIANCE</b>	CE
<b>ENVIRONMENTAL REGULATORY COMPLIANCE</b>	Complies with appropriate requirements of RoHs and WEEE

## KRUHDIN2F16

Kramer

KRUHDOUT2F16



Kramer 2âˆ“channel 4K60 4:2:0 HDMI Output Card

## KRVS1616DN

Kramer

KRVS1616DNEM



Kramer 2x2 to 16x16 Modular 4K60 4:2:0 Multiâˆ“Format Managed Digital Matrix Switcher, second optional redundant

PSU - (hot swappable), Quiet fan design (incl. THOR)

### Specifications

<b>INPUTS</b>	2 to 16 (in increments of 2) of various inputs See ACCESSORIES & RELATED PRODUCTS
<b>OUTPUTS</b>	2 to 16 (in increments of 2) of various outputs See ACCESSORIES & RELATED PRODUCTS
<b>MAX. DATA RATE</b>	10.2Gbps (3.4Gbps per graphic channel) depending on the cards used
<b>MAX RESOLUTION</b>	Up to 4K@60Hz (4:2:0)
<b>CONTROLS</b>	Front panel buttons, infrared remote control transmitter, RS-232, Ethernet
<b>SWITCHING</b>	Confirm or At Once for immediate switching
<b>POWER CONSUMPTION</b>	100-240V AC, 50/60Hz, 135VA
<b>MAX. NOISE</b>	43DB
<b>OPERATING TEMPERATURE</b>	0° to +40° (32° to 104°)
<b>STORAGE TEMPERATURE</b>	-40° to +70° (-40° to 158°)
<b>HUMIDITY</b>	10% to 90%, RHL non-condensing
<b>INCLUDED ACCESSORIES</b>	Power cord, infrared remote control transmitter
<b>PRODUCT DIMENSIONS</b>	19 x 5.12 x 4U (43.6cm x 13.00cm 2.00cm) W, D, H 19 x 14.17 x 4U (43.6cm x 36.00cm 17.70cm) W, D, H
<b>PRODUCT WEIGHT</b>	0.2kg (0.5lbs) approx. 8.9kg (19.6lbs) approx.
<b>SHIPPING DIMENSIONS</b>	34.50cm x 16.50cm x 5.20cm (13.58 x 6.50 x 2.05) W, D, H 0.00cm x 0.00cm x 0.00cm (0.00 x 0.00 x 0.00) W, D, H
<b>SHIPPING WEIGHT</b>	0.4kg (0.8lbs) approx. 10.2kg (22.5lbs) approx.

## HDMI Extenders

Kramer

### 4K HDR HDMI Compact PoC Extender over Long-Reach DGK at 2.0

Kramer

KRPT8712KIT

4K HDR HDMI Compact PoC Extender over Long-Reach DGK at 2.0

## HDBaseT over Cat Cable

### HDBaseT over Cat Cable ::

SPC5RX

SPC5RX

HDMI CAT5 Splitter Receiver

## HDBaseT over Cat Cable :: Blustream

### EX40B-KIT Slim Line HDMI Extender Set

Blustream

BSEX40BKIT



Blustream EX40B-KIT Slim Line HDMI Extender Set - 40m @1080p (1080i up to 50m) & Bi-directional IR

### Specifications

<b>Video Input Connectors</b>	EX40B-TX: 1x HDMI Type A, 19-pin, female EX40B-RX: 1x RJ45
<b>Video Output Connectors</b>	EX40B-TX: 1x RJ45 EX40B-RX: 1x HDMI Type A, 19-pin, female
<b>Audio Output Connectors</b>	2x RCA (SPDIF), 2x Audio 3.5mm stereo jack
<b>IR Input Ports</b>	1x 3.5mm stereo jack
<b>IR Output Ports</b>	1x 3.5mm mono jack
<b>Power Supply</b>	5V/1A DC, screw type connector, one per balun required

### HDBaseT Extender Set - 100m (4K up to 70m)

Blustream

HEX100ARC



Blustream HDBaseT Extender Set - 100m (4K up to 70m), Bi-directional IR, Bi-directional PoH (PoE), Audio Breakout, ARC, RS-232, 3 x LAN switch

### HDBaseT Receiver 100m (4K up to 70m)

Blustream

HEX100ARCRX



stream HDBaseT Receiver - 100m (4K up to 70m), Bi-directional IR, PoH (PoE), Optical input, ARC, RS-232, 3 x Ethernet Switch

### HDBaseT Receiver 100m (4K up to 70m)

Blustream

HEX100ARCTX

Blustream HDBaseT Transmitter - 100m (4K up to 70m), Bi-directional IR, PoH (PoE), Optical input, ARC, RS-232, 3 x Ethernet Switch

## HDBaseT Extender Set 100m (4K up to 70m)

Blustream

HEX100ARCV2



Blustream HDBaseT Extender Set - 100m (4K up to 70m), Bi-directional IR, Bi-directional PoH (PoE), Audio Breakout, ARC, RS-232, 3 x LAN switch, 4K, HDCP 2.2, HDMI Loop Out

## HDBaseT Extender Set 70m (4K up to 40m)

Blustream

HEX70BKIT



Blustream HDBaseT Extender Set - 70m (4K up to 40m), Bi-directional IR, Bi-directional PoH (PoE) Includes One Emitter and One Target

## HDBaseT Receiver

Blustream

HEX70BRX



Blustream HDBaseT Receiver - 70m (4K up to 40m), Bi-directional IR, PoH (PoE), Compatible with HMXL88 & HSP14AB

## HDBaseT Receiver

Blustream

HEX70BTX

Blustream HDBaseT Transmitter - 70m (4K up to 40m), Bi-directional IR, PoH (PoE)

### Specifications

<b>Video Input</b>	1x HDMI Type A, 19-pin, female
<b>Video Output</b>	1x HDBaseT™ RJ45
<b>IR Input Ports</b>	2x 3.5mm stereo jack
<b>IR Output Ports</b>	2x 3.5mm mono jack
<b>Power Supply</b>	12V / 2A DC, screw type connector
<b>Power Consumption</b>	9.5W
<b>Ind. Extender Dimensions (W x D x H)</b>	105mm x 75mm x 26mm, without connections
<b>Ind. Extender Dimensions (W x D x H)</b>	110mm x 75mm x 26mm, with connections
<b>Ind. Unit Weight</b>	0.25kg
<b>Box Dimensions (W x D x H)</b>	295mm x 155mm x 80mm
<b>Shipping Weight</b>	0.95kg
<b>Operating Temperature</b>	32° to 104° (0° to 40°)
<b>Storage Temperature</b>	-4° to 140° (-20° to 60°)

## HDBaseT Extender Set 70m (4K up to 40m)

Blustream

HEX70EDKIT



Blustream HDBaseT Extender Set - 70m (4K up to 40m), RS-232 Pass through, Bi-directional IR, Bi-directional PoH (PoE)

## HDBaseT Extender Set 70m (4K up to 40m)

Blustream

HEX70EDKITV2



Blustream HDBaseT Extender Set - 70m (4K up to 40m), Bi-directional IR, Bi-directional PoH (PoE) HDMI Loop out & HDCP 2.2

## HDBaseT over Cat Cable :: Kramer

## HDMI 4K60 4HDBaseT Receiver with RS-232 & IR

Kramer

KRTP580RAU



"4K60 4:2:0 HDMI HDCP 2.2 Receiver with RS-232 & IR over Long Reach HDBaseT"

### Specifications

<b>INPUTS</b>	1 HDBT on an RJ-45 female connector
<b>OUTPUTS</b>	1 HDMI on an HDMI connector
<b>PORTS</b>	1 IR on a 3.5mm mini jack for IR link extension, 1 RS-232 on a 9-pin D-sub connector for serial link extension and device firmware upgrade
<b>EXTENSION LINE</b>	HDBaseT 1.0 compliant; Up to 40m (130ft) at 4K @60Hz (4:2:0); up to 70m (230ft) at full HD (1080p @60Hz 36bpp); Note: When using Kramer HDBaseT cables
<b>VIDEO</b>	Up to 10.2Gbps bandwidth (3.4Gbps per graphic channel) Up to 4K UHD @60Hz (4:2:0) 24bpp resolution HDMI 2.0 and HDCP 2.2 signal compliance
<b>EXTENDED RS-232 CONTROL RS-232</b>	300 to 115200 baud rate
<b>POWER SOURCE</b>	12V DC, 2A
<b>POWER CONSUMPTION</b>	12V DC, 430mA
<b>ENCLOSURE</b>	Tools size, Aluminium type
<b>COOLING</b>	Convection ventilation
<b>OPERATING TEMPERATURE</b>	0° to 40°C (32° to 104°F)
<b>STORAGE TEMPERATURE</b>	-40° to +70°C (-40° to 158°F)
<b>HUMIDITY</b>	10% to 90%, RHL non-condensing
<b>INCLUDED ACCESSORIES</b>	Power supply unit
<b>OPTIONAL ACCESSORIES</b>	RK-3T rack adapter

## HDMI over Coax

### HDMI over Coax :: Blustream

## HDMI Over Coax Extender Set

Blustream

BSCEX120BKIT



Blustream HDMI Over Coax Extender Set 120m@1080p & Bi-Directional IR CEX120B-Kit

### Specifications

<b>Video Input Connectors</b>	1x HDMI Type A
<b>Video Output Connectors</b>	1x BNC connector
<b>Audio Output Connectors</b>	2x RCA (SPDIF), 2x Audio 3.5mm stereo jack
<b>IR Input Ports</b>	1x 3.5mm stereo jack
<b>IR Output Ports</b>	1x 3.5mm mono jack
<b>Casing Product Dimensions (WxDxH)</b>	79mm x 84mm x 28mm
<b>Supported Video Resolutions</b>	480i 30Hz, 576i 25Hz, 720p 50Hz, 720p 60Hz, 1080i 25Hz, 1080i 30Hz, 1080p 24Hz, 1080p 30Hz, 1080p 60Hz
<b>Note</b>	4K, 3D and 480i/p Video is not supported
<b>Supported Audio Resolutions</b>	Dolby Digital (up to 7.1CH), DTS ES (up to 7.1CH), 2CH PCM

## HDMI over IP Multicast

### HDMI over IP Multicast :: Blustream

## IP Multicast Control module

Blustream

BSCM100



Blustream IP Multicast Control module for TCP/IP, RS-232 and IR Control of Blustream Multicast Systems (BSCM-100)

## IP Multicast UHD Video Receiver over 1GB Network

Blustream

BSIP100UHDRX



Blustream IP Multicast UHD Video Receiver over 1GB Network - Up to 100m, Built-in video scaler, Video-wall mode, Bi-directional IR & RS-232, PoE and Analogue audio breakout

## IP Multicast UHD Video Transmitter

Blustream

BSIP100UHDTX



Blustream IP Multicast UHD Video Transmitter over 1GB Network - Up to 100m, Bi-directional IR & RS-232, PoE and



Analogue line-level input

## HDMI Scalers

**Blustream**

**Multi-format presentation switcher**

**Blustream**

**BSMFP72**



Blustream multi-format presentation switcher with in-built video scaling, audio embedding / de-embedding, and advanced EDID management

**HDMI 4K HDCP 2.2 compliant down-scaler with EDID management**

**Blustream**

**BSSC11HD**



Blustream HDMI 4K HDCP 2.2 compliant down-scaler with EDID management SC11HD

**BSSC11HDV2**

**Blustream**

**BSSC11HDV2**



Blustream HDMI 4K HDCP 2.2 compliant down-scaler with EDID management SC11HD.V2

### Specifications

<b>Audio Input Connectors</b>	1x Analogue Left/Right audio (3.5mm stereo jack)
<b>Audio Output Connectors</b>	1x RCA (SPDIF) & 1x Analogue Left/Right audio (3.5mm stereo jack)
<b>Video Input Connectors</b>	1x HDMI Type A
<b>Video Output Connectors</b>	1x HDMI Type A
<b>EDID</b>	4-PIN DIP switch
<b>Mode</b>	4-PIN DIP switch
<b>Product upgrade</b>	1x Female Micro USB
<b>Dimensions including connections (W x H x D)</b>	83mm x 15mm x 83mm
<b>Shipping Weight</b>	0.5kg
<b>Operating Temperature</b>	32 to 104 (0 to 40)
<b>Storage Temperature</b>	-4 to 140 (-20 to 60)
<b>Power Supply</b>	5V/1A DC

## HDMI Signal Managers

**Blustream**

**HDCP 2.2 Manager**

**Blustream**

**BSHDPC11AB**



Blustream HDCP 2.2 Manager conversion to all lower HDCP formats with audio de-embedded to Analogue L/R & Coaxial digital output concurrently

**Advanced HDMI 2.0 HDCP 2.2 Signal Manager with Audio Embedder / De-Embedder & EDID Management**

**Blustream**

**BSSM11**



Advanced HDMI 2.0 HDCP 2.2 Signal Manager with Audio Embedder / De-Embedder

**Kramer**

**EDID Processor**

**Kramer**

**KRPT1C**



4K HDR HDMI EDID Processor 17.82Gbps (5.94Gbps per data channel) Up to 4K@60Hz (4:4:4) UHD Supports HDR (High Dynamic Range)

### Specifications

<b>INPUT</b>	1 HDMI connector
<b>OUTPUT</b>	1 HDMI connector
<b>MAX DATA RATE</b>	17.82Gbps (5.94Gbps per data channel), 4K compatible
<b>STANDARDS SUPPORTED</b>	Supports HDR10, HDMI and HDCP 2.2
<b>CONTROLS</b>	4 DIP-switches
<b>INDICATOR</b>	Power LED
<b>POWER REQUIREMENTS</b>	Takes power from the HDMI line
<b>OPERATING TEMPERATURE</b>	0° to +40°C (32° to 104°F)
<b>STORAGE TEMPERATURE</b>	-40° to +70°C (-40° to 158°F)
<b>HUMIDITY</b>	10% to 90%, RHL non-condensing
<b>OPTIONS</b>	RK-4PT 19" rack adapter"

## HDMI Cables

**Blustream**

**0.5m HDMI Lead High-speed with Ethernet, 3D, Deep colour, all resolutions up to 4K**

**Blustream**

**BSHDMI05**

Blustream 0.5m HDMI Lead High-speed with Ethernet, 3D, Deep colour, all resolutions up to 4K

**1m HDMI Lead High-speed with Ethernet, 3D, Deep colour, all resolutions up to 4K**

**Blustream**

**BSHDMI1**

Blustream 1m HDMI Lead High-speed with Ethernet, 3D, Deep colour, all resolutions up to 4K

**Kordz PRS3 Series Active Optical Cable High Speed (4K@60 4:4:4) 10m**

**Kordz**

**PRS3HD10**



Kordz PRS3 Series Active Optical Cable High Speed (4K@60 4:4:4) 10m

**Kordz PRS3 Series Active Optical Cable High Speed (4K@60 4:4:4) 15m**

**Kordz**

**PRS3HD15**

Kordz PRS3 Series Active Optical Cable High Speed (4K@60 4:4:4) 15m

**Kordz PRS4 Series Active Optical Cable**

**Kordz**

**PRS4**

Kordz PRS4 Series Active Optical Cable High Speed (4K@60 4:4:4) 20m

**Kramer**

**10.6m High speed 4k active HDMI cable**

**Kramer**

**KRCAHM35**

Kramer 10.6m High speed 4k active HDMI cable. 18Gbps

**15.2m High speed 4k active HDMI cable**

**Kramer**

**KRCAHM50**

Kramer 15.2m High speed 4k active HDMI cable. 18Gbps

## 20m High speed 4k active HDMI cable

Kramer **KRCAHM66**

Kramer 20m High speed 4k active HDMI cable. 18Gbps

## CLS-AOCH/60-33

Kramer **KRCLSAOCH6010**

Active Optical 4K Pluggable HDMI Cable 3/4" 10m

## CLS-AOCH/60-328

Kramer **KRCLSAOCH60100**

Active Optical 4K Pluggable HDMI Cable 3/4" 100m

## CLS-AOCH/60-66

Kramer **KRCLSAOCH6020**

Active Optical 4K Pluggable HDMI Cable 3/4" 20m

## Kramer LSHF Active Fiber Optic High-Speed HDMI Cable - 4K 98ft or 30m

Kramer **KRCLSAOCH6030**



Kramer LSHF Active Fiber Optic High-Speed HDMI Cable - 4K 98ft or 30m

### Specifications

OVERALL	
<b>VIDEO RESOLUTION</b>	4K @60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color
<b>MAX. DATA RATE</b>	Up to 10.2Gbps
<b>SUPPORTED COLOR SPACES</b>	RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601
<b>EMBEDDED AUDIO</b>	Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD
<b>HDMI COMPLIANCE</b>	HDCP 2.2, EDID, CEC
PHYSICAL	
<b>CONNECTORS</b>	Male HDMI Type A, 24K gold-plated
<b>CABLE STRUCTURE</b>	Hybrid optical fiber cable
<b>FIBER OPTIC</b>	Multi-mode fiber
<b>CONDUCTORS</b>	6x28AWG (7/0.127mm)
<b>OUTER SHEATH MATERIAL</b>	LSHF or plenum
<b>OUTER SHEATH COLOR</b>	Gray
<b>OUTER SHEATH DIAMETER</b>	3.4mm
<b>CABLE BENDING RADIUS</b>	6mm
<b>CONNECTOR MAX. PULLING STRENGTH</b>	15lbs

### Specifications

<b>MAX. COMPRESSION LOAD RESISTANCE</b>	500N (50kg, 110lbs)
ELECTRICAL	
<b>POWER SUPPLY</b>	No external power supply needed (draws current from the source). If source power is not sufficient, connect the AD-HM/HF/UAM-USB to HDMI power injector to an external power
<b>POWER CONSUMPTION</b>	0.25W max
USAGE AND ENVIRONMENTAL	
<b>OPERATING TEMPERATURE</b>	+32~+122 ℓ (0~+50ℓ)
<b>STORAGE TEMPERATURE</b>	-22~+122 ℓ (0~+50ℓ)
<b>OPERATING HUMIDITY</b>	5 ~ 85%
REGULATORY	
<b>LSHF (COMPLIANCE)</b>	IEC 60332-1, IEC 60754-1, IEC 61034-2
<b>PLENUM (COMPLIANCE)</b>	CMP-OF
<b>RoHS</b>	2011/65/ EU

## CLS-AOCH/60-131

Kramer **KRCLSAOCH6040**

Active Optical 4K Pluggable HDMI Cable 3/4" 40m

## CLS-AOCH/60-164

Kramer **KRCLSAOCH6050**



Active Optical 4K Pluggable HDMI Cable 3/4" 50m

### Specifications

OVERALL	
<b>VIDEO RESOLUTION</b>	4K @60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color
<b>MAX. DATA RATE</b>	Up to 10.2Gbps
<b>SUPPORTED COLOR SPACES</b>	RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601
<b>EMBEDDED AUDIO</b>	Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD
<b>HDMI COMPLIANCE</b>	HDCP 2.2, EDID, CEC
PHYSICAL	
<b>CONNECTORS</b>	Male HDMI Type A, 24K gold-plated
<b>CABLE STRUCTURE</b>	Hybrid optical fiber cable
<b>FIBER OPTIC</b>	Multi-mode fiber
<b>CONDUCTORS</b>	6x28AWG (7/0.127mm)
<b>OUTER SHEATH MATERIAL</b>	LSHF or plenum
<b>OUTER SHEATH COLOR</b>	Gray
<b>OUTER SHEATH DIAMETER</b>	3.4mm
<b>CABLE BENDING RADIUS</b>	6mm
<b>CONNECTOR MAX. PULLING STRENGTH</b>	15lbs
<b>MAX. COMPRESSION LOAD RESISTANCE</b>	500N (50kg, 110lbs)
ELECTRICAL	

### Specifications

<b>POWER SUPPLY</b>	No external power supply needed (draws current from the source). If source power is not sufficient, connect the AD-HM/HF/UAM-USB to HDMI power injector to an external power
<b>POWER CONSUMPTION</b>	0.25W max
USAGE AND ENVIRONMENTAL	
<b>OPERATING TEMPERATURE</b>	+32~+122 ℓ (0~+50ℓ)
<b>STORAGE TEMPERATURE</b>	-22~+122 ℓ (0~+50ℓ)
<b>OPERATING HUMIDITY</b>	5 ~ 85%
REGULATORY	
<b>LSHF (COMPLIANCE)</b>	IEC 60332-1, IEC 60754-1, IEC 61034-2
<b>PLENUM (COMPLIANCE)</b>	CMP-OF
<b>RoHS</b>	2011/65/ EU

## CLS-AOCH/60-197

Kramer **KRCLSAOCH6060**

Active Optical 4K Pluggable HDMI Cable 3/4" 60m

## Kramer LSHF Active Fiber Optic High-Speed HDMI Cable - 4K, 230ft / 70m

Kramer **KRCLSAOCH6070**



Kramer LSHF Active Fiber Optic High-Speed HDMI Cable - 4K, 230ft / 70m

### Specifications

OVERALL	
<b>VIDEO RESOLUTION</b>	4K @60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color
<b>MAX. DATA RATE</b>	Up to 10.2Gbps
<b>SUPPORTED COLOR SPACES</b>	RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601
<b>EMBEDDED AUDIO</b>	Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD
<b>HDMI COMPLIANCE</b>	HDCP 2.2, EDID, CEC
PHYSICAL	
<b>CONNECTORS</b>	Male HDMI Type A, 24K gold-plated
<b>CABLE STRUCTURE</b>	Hybrid optical fiber cable
<b>FIBER OPTIC</b>	Multi-mode fiber
<b>CONDUCTORS</b>	6x28AWG (7/0.127mm)
<b>OUTER SHEATH MATERIAL</b>	LSHF or plenum
<b>OUTER SHEATH COLOR</b>	Gray
<b>OUTER SHEATH DIAMETER</b>	3.4mm
<b>CABLE BENDING RADIUS</b>	6mm
<b>CONNECTOR MAX. PULLING STRENGTH</b>	15lbs
<b>MAX. COMPRESSION LOAD RESISTANCE</b>	500N (50kg, 110lbs)
ELECTRICAL	

Specifications	
<b>POWER SUPPLY</b>	No external power supply needed (draws current from the source). If source power is not sufficient, connect the AD-HM/HF/UAM - USB to HDMI power injector to an external power
<b>POWER CONSUMPTION</b>	0.25W max
<b>USAGE AND ENVIRONMENTAL</b>	
<b>OPERATING TEMPERATURE</b>	+32~+122 ℓ (0~+50ℓ)
<b>STORAGE TEMPERATURE</b>	-22~+122 ℓ (0~+50ℓ)
<b>OPERATING HUMIDITY</b>	5 ~ 85%
<b>REGULATORY</b>	
<b>LSHF (COMPLIANCE)</b>	IEC 60332-1, IEC 60754-1, IEC 61034-2
<b>PLENUM (COMPLIANCE)</b>	CMP-OF
<b>RoHS</b>	2011/65/ EU

## CLS-AOCH/60-262

Kramer **KRCLSAOCH6080**

Active Optical 4K Pluggable HDMI Cable 80m

## CLS-AOCH/60-295

Kramer **KRCLSAOCH6090**

Active Optical 4K Pluggable HDMI Cable 90m

## KRHMPRO1520

Kramer **KRHMPRO1520**



15.2m Standard Speed HDMI Cable with Ethernet, Pro grade heavy duty construction, triple shield bonded pairs and Lock connectors.

Specifications	
<b>Max. Resolution</b>	4K@60Hz (4:4:4)
<b>CONDUCTOR AWG</b>	3-25ft cables use 26 AWG (7/0.16); 35 & 50ft use 24 AWG (7/0.2)
<b>SHIELD</b>	Dual overall shield against EMI/RFI interference, (a) Al-Mylar, (b) tinned copper
<b>CABLE OD (MM)</b>	3-35ft: 8 ± 0.19mm; 50-65ft: 9.5 ± 0.25mm
<b>MOLDED CONNECTORS</b>	YES
<b>GOLD-PLATED CONNECTORS</b>	YES
<b>STANDARDS COMPLIANCE</b>	HDR, HDCP
<b>FLAME TEST</b>	CL2

## KRHMPRO1950

Kramer **KRHMPRO1950**



19.5m Standard Speed HDMI Cable with Ethernet, Pro grade heavy duty construction, triple shield bonded pairs and Lock connectors.

Specifications	
<b>Max. Resolution</b>	4K@60Hz (4:4:4)
<b>CONDUCTOR AWG</b>	3-25ft cables use 26 AWG (7/0.16); 35 & 50ft use 24 AWG (7/0.2)
<b>SHIELD</b>	Dual overall shield against EMI/RFI interference, (a) Al-Mylar, (b) tinned copper
<b>CABLE OD (MM)</b>	3-35ft: 8 ± 0.19mm; 50-65ft: 9.5 ± 0.25mm
<b>MOLDED CONNECTORS</b>	YES
<b>GOLD-PLATED CONNECTORS</b>	YES
<b>STANDARDS COMPLIANCE</b>	HDR, HDCP
<b>FLAME TEST</b>	CL2

## KRMHM0030

Kramer **KRMHM0030**



High Speed HDMI Cable with Ethernet 1Ft 0.30M 4K@60Hz (4:4:4)

Specifications	
<b>TYPE</b>	High Speed and Standard Speed HDMI cables The 1-35 foot HDMI cables support the following resolutions: 480i, 480p, 720p, 1080i, 1080p
<b>Conductor AWG</b>	28 AWG (7/0.127)
<b>Shield</b>	Dual shield against EMI/RFI interference (a) Al-Mylar (b) Tinned Copper
<b>Cable OD (mm)</b>	7.3
<b>MOLDED CONNECTOR</b>	yes
<b>GOLD PLATED CONNECTORS</b>	yes
<b>STANDARDS COMPLIANCE</b>	HDR, HDCP
<b>FLAME TEST</b>	CL2

## KRMHM0060

Kramer **KRMHM0060**



High Speed HDMI Cable with Ethernet 2Ft or 0.60M 4K@60Hz (4:4:4)

## KRHDMI09

Kramer **KRMHM0090**



Flexible High Speed HDMI Cable with Ethernet 3Ft or 0.90M 4K@60Hz (4:4:4)

## KRMHM0180

Kramer **KRMHM0180**



High Speed HDMI Cable with Ethernet 6ft or 1.8m 4K@60Hz (4:4:4)

## KRMHM0300

Kramer **KRMHM0300**



High Speed HDMI Cable with Ethernet 10Ft or 3M 4K@60Hz (4:4:4)

## KRMHM0460

Kramer **KRMHM0460**



High Speed HDMI Cable with Ethernet 15ft or 4.6M 4K@60Hz (4:4:4)

## KRMHM0760

Kramer **KRMHM0760**



High Speed HDMI Cable with Ethernet 25Ft or 7.60M 4K@60Hz (4:2:0) 1080P

**KRMHM1070**

**Kramer**

**KRMHM1070**



High Speed HDMI Cable with Ethernet 25Ft or 7.60M 4K@60Hz (4:2:0)

**PROQHDMI5M**

**Proquip**

**PROQHDMI5M**

Proquip Digital HDMI Cable 5m High Speed with Ethernet (28AWG)

## HDMI Accessories

**Blustream**

**12v2a PSU Hex70/100 PS122**

**Blustream**

**BSPS122**



Blustream 12v2a PSU Hex70/100 PS122

**Blustream 15v 2A PSU HEXARC100**

**Blustream**

**BSPS152**

Blustream 15v 2A Power Supply for HEX100ARC

**5v2a PSU SP14/SW41**

**Blustream**

**BSPS52**



Blustream 5v2a PSU SP14/SW41

**REM88 IR remote control**

**Blustream**

**RCUREM88**



Blustream REM88 IR remote control

**REMSW41 IR remote Source**

**Blustream**

**RCUSW41**

BluStream REMSW41 IR remote Source control (Suitable For SW41,SW21)

**Kramer**

**ADC-DPM/HF**

**Kramer**

**KRADCPMHF**

DisplayPort Male to HDMI Female Adapter Cable

**ADC-MDP/HF**

**Kramer**

**KRADCMDPHF**

Mini DisplayPort to HDMI Female Adapter Cable

**AD-DM/HF**

**Kramer**

**KRADDMHF**

DVI Male to HDMI Female Adapter Sold in multiples of 10

**AD-HF/HF**

**Kramer**

**KRADHFHF**

HDMI Female to HDMI Female Adapter Sold in multiples of 10

**C-DPM/HM-10**

**Kramer**

**KRDPMHM10**

DisplayPort Male to HDMI Male Cable, 10ft / 3.0m

**C-DPM/HM-6**

**Kramer**

**KRDPMHM6**

DisplayPort Male to HDMI Male Cable, 6ft / 1.8m

**HDMI Audio De-embedder with Stereo Analog Output**

**Kramer**

**KRFC46XL**

HDMI Audio De-embedder with Stereo Analog Output

**C-HM/DM-6**

**Kramer**

**KRHMDM6**

HDMI Male to DVI Male Cable, 6ft / 1.8m

**C-MDP/DPM-3**

**Kramer**

**KRMDPDM3**

Mini DisplayPort to DisplayPort Male, 3ft / 90cm White. 4K@60 (4:4:4)

**C-MDP/HM-6**

**Kramer**

**KRMDPHM6**

Mini DisplayPort Male to HDMI Male Cable, 6ft / 1.8m

**C-MDPM/MDPM-10**

**Kramer**

**KRMDPM10**

Flexible DisplayPort Male to Male Cable, 10ft / 3.0m

**C-MDPM/MDPM-6**

**Kramer**

**KRMDPM6**

Flexible DisplayPort Male to Male Cable, 6ft / 1.8m

## Video Distribution

**Kramer**

**Composite Video & Stereo Audio to HDMI Scaler**

**Kramer**

**KRVP410**

Composite Video & Stereo Audio to HDMI Scaler

**Pro2**

**Composite & Stereo Audio Over Cat5e with IR. A/V Distance up to 300m**

**Pro2**

**PRO1211**



Pro2 Composite & Stereo Audio Over Cat5e with IR. A/V Distance up to 300m

## Composite & Stereo Audio Over Cat5e. A/V Distance up to 300m

Pro2

PRO1221



Pro2 Composite & Stereo Audio Over Cat5e. A/V Distance up to 300m

Unbranded / Generic

## In-Wall S-Video/Stereo Audio CAT5 Extender - Decora Wall Plate

Unbranded / Generic

OUTWPCATS



In-Wall S-Video/Stereo Audio CAT5 Extender - Decora Wall Plate

## Composite over Cat Cable

Unbranded / Generic

## Australian IEC cable for Ubiquiti switches

Unbranded / Generic

HDC61RL



HDMI Extender with IR and HDMI loop thru

## Component over Cat Cable

Resilinx

### Composite AV Balun Receiver

Resilinx

RLBV150



Resi-Linx Composite AV Balun Receiver (single) to be used with RLBV140. Target sold separately

## Audio Integration

Unbranded / Generic

### Single use Mono Ear Bud 2m 3.5mm Plug

Unbranded / Generic

MISEARBUD

Single use Mono Ear Bud 2m 3.5mm Plug

## DAC

Blustream

### DAC Digital to Analogue Audio Converter

Blustream

BSDAC11AU



Blustream DAC (Digital to Analogue Audio Converter) converts either digital optical or coaxial to analogue stereo left/right audio output

#### Specifications

<b>Audio Input Connectors</b>	1x Optical (SPDIF) & 1x RCA (SPDIF)
<b>Output Connectors</b>	2x Analogue stereo left/right (RCA)
<b>Dimensions (W x H x D)</b>	45 x 55 x 25mm (without connections)
<b>Dimensions including connections (WxDxH)</b>	45 x 65 x 25mm
<b>Product Weight</b>	0.1kg (excluding accessories)
<b>Carton / Box Dimensions (WxDxH)</b>	95 x 135 x 55mm
<b>Shipping Weight</b>	0.3kg
<b>Operating Temperature</b>	32 ° to 104 ° (0° to 40°)
<b>Storage Temperature</b>	-4 ° to 140 ° (-20° to 60°)
<b>Power Supply</b>	5V / 1A DC, barrel type connection

### DAC Digital to Analogue Audio Converter - Simultaneous analogue and digital outputs

Blustream

BSDAC12AU



Blustream DAC (Digital to Analogue Audio Converter) converts either digital optical or coaxial to analogue stereo left/right audio output

#### Specifications

<b>Audio Input Connectors</b>	1x Optical digital & 1x Coaxial RCA (SPDIF)
<b>Output Connectors</b>	2x Analogue stereo left/right & 1x Coaxial RCA (SPDIF)
<b>Dimensions (W x H x D)</b>	50mm x 26mm x 42mm
<b>Dimensions including connections (WxDxH)</b>	68mm x 26mm x 42mm
<b>Shipping Weight</b>	0.4kg
<b>Operating Temperature</b>	32 ° to 104 ° (0° to 40°)
<b>Storage Temperature</b>	-4 ° to 140 ° (-20° to 60°)
<b>Power Supply</b>	5V/1A DC

## Converters

Blustream

### ADC Analogue to Digital Audio Converter

Blustream

BSADC11AU



Blustream ADC (Analogue to Digital Audio Converter) converts analogue left/right stereo audio input to both SPDIF optical and coaxial digital PCM outputs

### BSHD11AU

Blustream

BSHD11AU



Blustream HDMI Audio Embedder / De-Embedder

#### Specifications

<b>Audio Input Connectors</b>	1x Analogue Left/Right audio (3.5mm stereo jack)
<b>Audio Output Connectors</b>	1x RCA (SPDIF) & 1x Analogue Left/Right audio (3.5mm stereo jack)
<b>Video Input Connectors</b>	1x HDMI Type A
<b>Video Output Connectors</b>	1x HDMI Type A
<b>Product Dimensions (WxDxH)</b>	60 x 80 x 25mm (with connections)Å
<b>Product Dimensions (WxDxH)</b>	60 x 70 x 25mm (without connections)
<b>Product Weight</b>	0.15kg (excluding accessories)
<b>Carton / Box Dimensions (WxDxH)</b>	165 x 115 x 85mm

Specifications	
<b>Shipping Weight</b>	0.5kg
<b>Operating Temperature</b>	32 ° to 104 ° (0 to 40 °)
<b>Storage Temperature</b>	-4 ° to 140 ° (-20 to 60 °)
<b>Power Supply</b>	5V / 1A DC, screw type connector

## Unbranded / Generic

### Coax to Optical Digital Audio Converter (includes Power Supply)

Unbranded / Generic

COVCOAXDIG



Coax to Optical Digital Audio Converter (includes Power Supply)

## Optical Switch

### Blustream

#### Advanced 4-way optical audio switch

Blustream

BSOPT41AU



Blustream advanced 4-way optical audio switch. Perfect for the integration of multiple audio sources with a soundbar

## Audio over Cat Cable

### Blustream

#### Audio Over Cat5 cable extender

Blustream

BSCAT100AU



Blustream Audio Over Cat5 cable extender transmits audio up to a distance of 300m (192 kHz signals up to 100m)

Specifications	
<b>Audio Input Connectors</b>	1x Optical (SPDIF) & 1x RCA (SPDIF)
<b>Audio Output Connectors</b>	1x RJ45
<b>Video Input Connectors</b>	1x RJ45 & 5V/1A DC

Specifications	
<b>Video Output Connectors</b>	1x Optical (SPDIF), 1x RCA (SPDIF) & 1x Analogue left/right-3.5mm stereo audio jack
<b>Product Dimensions (WxDxH)</b>	76x64x28mm (with connections)
<b>Casing Dimensions</b>	69x64x24mm
<b>Product Weight</b>	0.15kg (excluding accessories)
<b>Carton / Box Dimensions (WxDxH)</b>	165 x 115 x 85mm
<b>Shipping Weight</b>	0.4kg
<b>Operating Temperature</b>	32 ° to 104 ° (0 to 40 °)
<b>Storage Temperature</b>	-4 ° to 140 ° (-20 to 60 °)
<b>Power Supply</b>	5V/1A DC

## AV Receivers

### Unbranded / Generic

DAB17C

Unbranded / Generic

DAB17C



DAB17C DAB and internet radio is an internet radio with both DAB and FM

## Stereo Amp

### AV Gear

#### 20 Watt Mini Audio Distribution Audio Amplifier with RS232 Control

AV Gear

AVGPA2



AV Gear 20 Watt Mini Audio Distribution Audio Amplifier with RS232 Control

Specifications	
<b>Audio Input</b>	2 stereo audio, 1 MIC
<b>Input Connector</b>	2 RCA 1 3.5mm jack 1 6.5mm jack
<b>Input Impedance</b>	>10KΩ
<b>Output</b>	1 Amplifier, 1 stereo audio

Specifications	
<b>Output Connector</b>	1 3.5mm jack 1 Captive screw connector, 4 pole
<b>Output Impedance</b>	50Ω/stereo, 4~8Ω/Amplifier
<b>Frequency Response</b>	20Hz ~ 20KHz
<b>CMRR</b>	>70dB@20Hz~20KHz
<b>SNR</b>	80dB at maximum output
<b>Bandwidth</b>	20Hz ~ 25KHz
<b>Stereo Channel Separation</b>	>75dB@20Hz to 20KHz
<b>THD + Noise</b>	1%@1KHz, 0.3%@20KHz at nominal level
<b>Voltage Gain</b>	32dB
<b>Power Output</b>	20 Watts X 2 (4 Ohms)
<b>Control Parts</b>	
<b>Serial Control Port</b>	RS-232, 9-pin female D connector
<b>Pin Configurations</b>	2 = TX, 3 = RX, 5 = GND
<b>IR Remote</b>	Optional IR remote
<b>Front Panel Control</b>	Optional mountable keypad
<b>Options</b>	TCP/IP control by PT-NET (PTN's programmable interface)

### McLelland

McLelland

AMPD50



- 50W Stereo Amplifier
- Provides 50 watts output per channel.
- RCA jacks for signal loop out.
- 12VDC Trigger In/Out.
- Selectable for Multiple Turn-on modes.
- Selectable for Multiple output modes.
- Short Circuit and Thermal protections.

Specifications	
<b>Terminal Blocks</b>	Speaker output
<b>Output power</b>	50 W @4Ω THD1% RMS ( 70W MAX)
<b>THD1%</b>	50W @4Ω
<b>THD1%</b>	28 W @8Ω
<b>S/N</b>	-107dB 1K(4Ω)
<b>THD</b>	1%(50W 4Ω)
<b>frequency Response</b>	10Hz~50KHz(-3dB)
<b>Input Sensitivity</b>	300mV(50W 4Ω)
<b>Input Impedance (Audio)</b>	10K
<b>Power output</b>	AC 100~240 V 50/60Hz
<b>Power consumption</b>	70W(50W 1% 4Ω)
<b>Bridge mode support</b>	100W for speak out ( Mono. Type)
<b>Dimensions (WxDxH)</b>	10.7" x 7.1" x 1.8" (271 x 180 x 45 mm)
<b>Weight</b>	1.85kg. (Net)

## Pioneer

**Pioneer Slim 2.1 Stereo Receiver, 80w x 2 ch, WiFi & Bluetooth + DAB+**

Pioneer

SXS30DAB



Pioneer Slim 2.1 Stereo Receiver, 80w x 2 ch, WiFi & Bluetooth + DAB+

## Pro2

**Pro1299 3-Source Audio Power Amplifier. Built in DAC. 15W output in stereo mode.**

Pro2

PRO1299



Pro1299 3-Source Audio Power Amplifier. Built in DAC. 15W output in stereo mode

## Multi-room Audio Amp

### McLelland

**6 Source/Zone Audio Distribution Amplifier**

McLelland

MAP1200HD



McLelland 6 Source/Zone Audio Distribution Amplifier with Wall Plates (6pcs Keypad & 1-remote Control) & RS232 to Wifi Adaptor

#### Specifications

<b>Output power</b>	50W x 2 @ 4 Ohm x per zone (25W x 2 @ 8 Ohm)
<b>High efficiency</b>	more than 85% (style D) amplification
<b>Stereo/ Bridge</b>	mono output
<b>Built-in IR receiver &amp; IR remote controller for source</b>	select/ volume/ treble/ bass
<b>12V DC trigger</b>	out to external devices when system in on
<b>12V DC mute trigger</b>	in from external devices
<b>RS-232 port</b>	allows 2-way communication with the Home Automation system
<b>LEDs</b>	6 ones Power On and Standby
<b>Built in</b>	IR Emitter

#### Specifications

<b>Power Supply</b>	AC115V 60 Hz / 230V 50 Hz, Can be switched
<b>Dimension</b>	416D x 89H x 430W "

**6 Source/Zone Audio Distribution Amplifier**

McLelland

MAP1200WD



McLelland 6 Source/Zone Audio Distribution Amplifier with Wall Plates (6pcs Wall Plate & 1-remote Control) With Built IN RS232 to Wifi.

#### Specifications

<b>Output power</b>	50W x 2 @ 4 Ohm x per zone (25W x 2 @ 8 Ohm)
<b>High efficiency</b>	more than 85% (style D) amplification
<b>Stereo/ Bridge</b>	mono output
<b>Built-in IR receiver &amp; IR remote controller for source</b>	select / volume / treble / bass
<b>12V DC trigger</b>	out to external devices when system in on
<b>12V DC mute trigger</b>	in from external devices
<b>RS-232 port</b>	allows 2-way communication with the Home Automation system
<b>LEDs</b>	for 6 ones Power On and Standby
<b>Built in</b>	IR Emitter
<b>Power Supply</b>	AC 115V 60Hz / 230V 50Hz, Can be switched
<b>Dimension</b>	416D x 89H x 430W mm"

**Remote For a MAP1200HD**

McLelland

RCUMCLELLAND



McLELLAND RCU for a MAP1200HD

## Home Theatre Amp

### Pioneer

SC-LX501

Pioneer

SCLX501



**7.2-ch Class D Network LX AV Receiver**

#### Specifications

<b>Channels</b>	7
<b>Amplification Type</b>	Class D (Direct Energy HD)
<b>560 W Multi-ch Simultaneous Drive</b>	(8 ohms, 1 kHz, THD 1.0 %)
<b>270 W/ch</b>	(4 ohms, 1 kHz, 1ch Driven IEC)
<b>160 W/ch</b>	(8 ohms, 1 kHz, 1ch Driven IEC)
<b>Dolby</b>	Atmos®/Dolby Surround
<b>DTS</b>	X*1/DTS Neural:X*1
<b>Dolby®</b>	TrueHD/Dolby Digital Plus
<b>DTS-HD Master</b>	Audio/DTS-HD High Resolution Audio/DTS 96/24/ DTS-ES/DTS-HD Express
<b>DSD Direct Playback via Network/USB</b>	(11.2, 5.6, 2.8 MHz/2ch)
<b>DSD Disc (SACD) Playback via HDMI</b>	(2.8 MHz/5.1ch, 2ch)
<b>Digital Core Engine with Cirrus Logic</b>	(Quad Core) x1
<b>384 kHz/32-bit</b>	DAC (AK4458)
<b>HDMI Audio Return Channel</b>	(ARC)
<b>MCACC Auto Room Tuning</b>	∞∅ Phase Control ∞∅ Subwoofer EQ (4 Band)
<b>Advanced Sound Retriever</b>	(2ch)
<b>Advanced Surround Modes</b>	∞∅ Classical, Unplugged, Entertainment Show, Drama, Advanced Game, Action, Rock/Pop, Sports, Extended Stereo, Extended Mono, Front Stage Surround, Auto Surround
<b>Ultra HD Pass-through with HDCP 2.2</b>	(4K/60p/4:4:4/24-bit, 4K/24p/4:4:4/36-bit, 4K/60p/4:2:0/36-bit)
<b>Ultra HD Upscaling</b>	(1080p 4K)
<b>3D Ready</b>	(Blu-ray Disc™, Broadcast, and Games)
<b>Deep Colour</b>	(36-bit), "x.v.Colour"
<b>HDMI</b>	1 In
<b>USB</b>	1 In for USB Drive
<b>MCACC Setup</b>	MIC In
<b>Phones</b>	1 Out
<b>HDMI</b>	6 In (4 Assignable)
<b>HDMI</b>	2 Out (1 for MAIN, 1 for SUB)
<b>Ethernet</b>	1 In

Specifications	
AV (Component)	1 In (Assignable)
AV (Composite)	2 In (Assignable)
Audio	1 In (Assignable)
Phono (MM)	1 In
Digital Coaxial	1 In (Assignable)
Digital Optical	2 In (Assignable)
Subwoofer	2 Pre Out
Zone 2	Pre/Line Out
Speaker	9 ch Out (FRONT, CENTER, SURROUND, SURROUND BACK/ZONE 2/ Bi-AMP, HEIGHT/SP B)
IR	1 In/1 Out
12 V Trigger	2 Out/RS-232C
FM/AM Antenna Specifications	
Power Requirements	AC 220-230 V, 50/60 Hz
Power Consumption/ Standby	250 W/0.2 W
Dimensions (W x H x D)	435 x 185 x 395 mm
Weight	12 kg"

### Pioneer 9.2ch Theatre amplifier, 185w per channel)

Pioneer	SCLX701
Pioneer 9.2ch Theatre amplifier, 185w per channel)	

### SC-LX901 AV Receiver 11 Ch. Direct Energy HD 200W

Pioneer	SCLX901
	
Pioneer SC-LX901 AV Receiver 11 Ch. Direct Energy HD 200W. HDMI 8in/2 out (Main+ Sub/Zone) 4k Pass Through, 4k Up Scaling. Airplay Modes, Wi-fi & Bluetooth Built In	

### VSX531

Pioneer	VSX531
Pioneer VSX531 AV Receiver. (5.1, 130W/ch, Bluetooth)	
Specifications	
Power Requirements	AC 220-240 V, 50/60 Hz
Power Consumption/ Standby	220 W/0.45 W
Dimensions (W x H x D)	435 x 168 x 320.5 mm
Weight	8 kg

### VSX832

Pioneer	VSX832
	
Pioneer 5.1ch amplifier with IP Control (130 W/ch)	

### VSX932

Pioneer	VSX932
	
VSX932 Pioneer 7.2ch amplifier (130W/ch) with Bluetooth & WiFi	

## Speakers

## Architectural Speakers

## In-ceiling Speaker

### In-ceiling Speaker :: Flatline Acoustics

6" 2 Way Kevlar 20 Degree Angled Speakers - 125 Watt and 4 OHM/8 OHM Selectable

Flatline Acoustics	SPKDS650IC
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Flatline Acoustics 6" 2 Way Kevlar 20 Degree Angled Speakers - 125 Watt and 4 OHM/8 OHM Selectable

### In-ceiling Speaker :: Jamo

Contractor Series 6.5", Single Stereo' spkr, wizzer cone, 100W

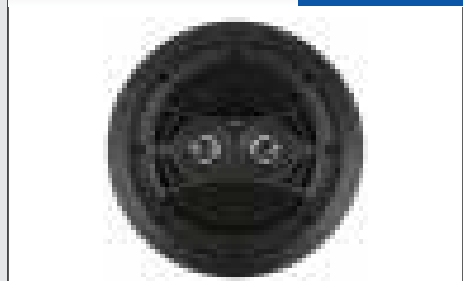
Jamo	JA652DVCA2
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JAMO Contractor Series 6.5", Single Stereo' spkr, wizzer cone, 100W

Contractor Series 8", Single Stereo Speaker, 100 Watt (ea)

Jamo	JA852VDACA2
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JAMO Contractor Series 8", Single Stereo Speaker, 100 Watt (ea)

### In-ceiling Speaker :: Krix

Krix	SPKCPMA20W
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Specifications	
Frequency Range	45Hz-40kHz in room response
Power Handling	20-120 Watts RMS recommended amplifier power
Sensitivity	90dB for 2.83 volts at 1 metre
Configuration	5 inch 2-way
Bass Driver(s)	Cast aluminium basket with a nominal 130mm (5") doped curvilinear paper cone. 25mm (1") voice coil wound on high powered aluminium former with copper shorting ring. Vented and double magnet shielded
Tweeter	26mm (1") ring radiator tweeter
Impedance	Nominally 6 Ohms (minimum 3.9 Ohms)
Enclosure Type	Bass reflex, front vented
Dimensions	295mm diameter x 193mm mounting depth
Mounting cut-out diameter	247mm recommended



Specifications	
<b>Finish</b>	White (can be painted to match your decor) or brushed chrome
<b>Input Terminals</b>	Gold plated spring terminals
<b>Weight</b>	2.5kg each

## Krix **SPKCMPAASW**

Specifications	
<b>Frequency Range</b>	45Hz-40kHz in room response
<b>Power Handling</b>	20 -120 Watts RMS recommended amplifier power
<b>Sensitivity</b>	90dB for 2.83 volts at 1 metre
<b>Configuration</b>	5 inch 2-way
<b>Bass Driver(s)</b>	Cast aluminium basket with a nominal 130mm (5") doped curvilinear paper cone. 25mm (1") voice coil wound on high powered aluminium former with copper shorting ring. Vented and double magnet shielded
<b>Tweeter</b>	26mm (1") ring radiator tweeter
<b>Impedance</b>	Nominally 6 Ohms (minimum 3.9 Ohms)
<b>Enclosure Type</b>	Bass reflex, front vented
<b>Dimensions</b>	295mm diameter x 183mm mounting depth
<b>Mounting cut-out diameter</b>	247mm recommended
<b>Input Terminals</b>	Gold plated spring terminals
<b>Weight</b>	2.5kg each

## Krix **SPKCMPHASW**

Specifications	
<b>Frequency Range</b>	65Hz-40kHz in room response
<b>Power Handling</b>	20-100 Watts RMS recommended amplifier power
<b>Sensitivity</b>	86dB for 2.83 volts at 1 metre
<b>Configuration</b>	4 inch 2-way
<b>Bass Driver(s)</b>	Nominal 100mm (4") doped paper cone. 25mm (1") voice coil wound on high temperature Kapton former
<b>Tweeter</b>	20mm (3/4") ring radiator tweeter
<b>Crossover Points</b>	2kHz
<b>Impedance</b>	Nominally 6 Ohms
<b>Enclosure Type</b>	Bass reflex, front vented
<b>Dimensions</b>	254mm diameter x 145mm deep
<b>Mounting cut-out diameter</b>	207mm recommended
<b>Input Terminals</b>	push type connectors

Specifications	
<b>Weight</b>	2kg each

## Krix **SPKCMPELW**

Specifications	
<b>Frequency Range</b>	45Hz-120kHz in room response
<b>Power Handling</b>	10 -120 Watts RMS recommended amplifier power
<b>Sensitivity</b>	86dB for 2.83 volts at 1 metre
<b>Configuration</b>	Dual concentric 2-way
<b>Bass Driver(s)</b>	150mm (6") curvilinear polypropylene driver, 38mm (1 1/2") voice coil wound on high temperature Kapton former
<b>High Frequency Driver</b>	20mm (3/4") dome, coaxially mounted
<b>Enclosure Type</b>	Semi-enclosed, infinite baffle
<b>Weather Resistance</b>	Dust and splash resistant, IP54 rated
<b>Dimensions</b>	180mm diameter x 86mm mounting depth
<b>Cut Out Diameter</b>	164mm diameter recommended (template provided)
<b>Net Weight</b>	2kg

## Krix **SPKCMPHOLW**

Specifications	
<b>Frequency Range</b>	90Hz-20kHz in room response
<b>Power Handling</b>	10 - 80 Watts RMS recommended amplifier power
<b>Sensitivity</b>	87dB for 2.83 volts at 1 metre
<b>Impedance</b>	Nominally 8 Ohms (minimum 7.5 Ohms)
<b>Configuration</b>	Full Range
<b>Enclosure Type</b>	Acoustically treated infinite baffle
<b>Dimensions</b>	95mm diameter x 108mm mounting depth
<b>Full Frequency Driver</b>	Nominal 75mm (3") polypropylene cone, with a 20mm (3/4") voice coil wound on an aluminium former and neodymium magnet
<b>Input Terminals</b>	Spring terminals
<b>Cut-out Diameter</b>	82mm to 88mm recommended
<b>Weight</b>	0.5 kg each

## Krix **SPKCMPTRW**

Specifications	
<b>Frequency Range</b>	45Hz-20kHz in room response
<b>Power Handling</b>	20 - 200 Watts RMS recommended amplifier power
<b>Sensitivity</b>	93dB for 2.83 volts at 1 metre
<b>Impedance</b>	Nominally 6 Ohms (minimum 5.3 Ohms)
<b>Configuration</b>	Dual concentric 2-way
<b>Enclosure Type</b>	Semi-enclosed, infinite baffle
<b>Dimensions</b>	295mm diameter x 182mm mounting depth
<b>Low Frequency Driver</b>	Cast aluminium basket, 200mm (8") curvilinear polypropylene driver, 38mm (1 1/2") voice coil wound on high temperature kapton former
<b>High Frequency Driver</b>	45mm (1 3/4") high sensitivity mylar dome compression driver firing through the bass driver pole piece
<b>Input Terminals</b>	Gold plated spring terminals
<b>Weather Resistance</b>	Dust and splash resistant, IP54 rated
<b>Cut-out Diameter</b>	248mm recommended
<b>Weight</b>	5kg each

## In-ceiling Speaker :: Novonde

### 2-Way In-Ceiling Speakers, 6.5", 125W, 4/8ohm, Aluminium Grills (Pair)

#### Novonde **SPKNL620IC**



Novonde 2-Way In-Ceiling Speakers, 6.5", 125W, 4/8ohm, Aluminium Grills (Pair)

### 3-Way In-Ceiling Speakers, 8", 150W, 4/8ohm, Aluminium Grills (Pair)

#### Novonde **SPKNL830IC**



Novonde 3-Way In-Ceiling Speakers, 8", 150W, 4/8ohm, Aluminium Grills (Pair)

## 3-Way In-Ceiling Speakers, 8", 150W, 4/8ohm, With Magnetic Grills (Pair)

Novonde

SPKNL830ICLP



Novonde 3-Way In-Ceiling Speakers, 8", 150W, 4/8ohm, Low Profile Magnetic Grills (Pair)

## Signature Series 8", 2-Way In-Ceiling, Kevlar, In Low profile Version With Magnetic Grills

Novonde

SPKNLPR800IC



Novonde Signature Series 8", 2-Way In-Ceiling Kevlar Speakers. Low profile With Magnetic Grills (Pair)

## In-Wall Speaker

### In-Wall Speaker :: Flatline Acoustics

#### Contractor Series In-Wall Speakers 4" Pair

Flatline Acoustics

SPKCS400IW



Flatline Acoustics Contractor Series In-Wall Speakers 4" (Pair)

#### LS-Series In-Wall Speakers, 6.5", Pair

Flatline Acoustics

SPKLS650IW



Flatline Acoustics LS-Series In-Wall Speakers, 6.5" (Pair)

### Technical Specifications

<b>Woofers</b>	6.5" PP cone with mica, rubber surround, 538.64g Magnet, 1" Voice coil
<b>Midrange</b>	
<b>Tweeter</b>	Swivel 30 degrees, 1" teterone dome, Ferro-fluid cooled, Neodymium magnet, wide dispersion
<b>Crossover</b>	Phonatic PCB board, 6dB woofer section, 12dB tweeter section, polyimide auto protective reset switch for tweeter
<b>Frequency Response</b>	48Hz ~ 22KHz
<b>Sensitivity</b>	88dB
<b>Depth of speaker</b>	87mm
<b>Recommended amplifier power</b>	10 ~ 125W
<b>Impedance</b>	8 ohm
<b>Cut out size</b>	11" x 7.25"
<b>Weight (pair pack)</b>	6.12kg
<b>Dimensions (pair pack)</b>	15" (H) x 14.25" (W) 13" (L)

### In-Wall Speaker :: Krix

Krix

SPKCMPSYMW

### In-Wall Speaker :: Novonde

Custom Series Kevlar in wall L/C/R 2x5.5", aluminum grille, stainless steel screws, 72mm de

Novonde

SPKNR555IW



Novonde Custom Series Kevlar in wall L/C/R 2x5.5", aluminum grille, stainless steel screws, 72mm depth (Each)

## Outdoor Speaker

### Outdoor Speaker :: Cord

Cord 5.25" 2-Way Weather Proof Surface Mount Speakers (Pair) - Black

Cord

SMFIVE



Cord 5.25" 2-Way Weather Proof Surface Mount Speakers (Pair) - Black

### Outdoor Speaker :: Krix

Krix

SPKCMPTROPW

### Outdoor Speaker :: Novonde

Novonde Outdoor Speakers, 5.25", White (Pair)

Novonde

SPKNL525OS



Novonde Outdoor Speakers, 5.25", White (Pair)

## On-Wall

### On-Wall :: Kramer

KRYARDEN8C

Kramer

KRYARDEN6OD



6.5â€Inch, Highâ€Performance, Onâ€Wall Stereo Speaker

## In Ceiling

Novonde

SPKNL620ICLP

Novonde

SPKNL620ICLP

Novonde 2-Way In-Ceiling Speakers, 6.5", 125W, 4/8ohm, With Magnetic Grills (Pair)

## In Wall

Novonde

Novonde Custom Series Kevlar in wall L/C/R 2x5.5", Magnetic Grill, stainless steel screws, 72mm de

Novonde

SPKNR555IWLP

Novonde Custom Series Kevlar in wall L/C/R 2x5.5", Magnetic Grill, stainless steel screws, 72mm depth (Each)

## Timber Speakers

## Bookshelf Speaker

### Bookshelf Speaker :: Sherwood

5" Two Way bookshelf Speaker (Pair)- Black Woodgrain

Sherwood

TEATRO5RBLK



Sherwood 5" Two Way bookshelf Speaker (Pair)- Black Woodgrain

## Subwoofer

Krix

Krix Seismix 1 M5 subwoofer

Krix

SPKCMPS1M5BV



Krix Seismix 1 M5 subwoofer, downward firing, Black imitation wood grain

Krix

SPKCMPS3M6A

Pioneer

SMS3SW

Pioneer

SMS3SWV2

Pioneer S-MS3SW Bass Reflex Powered Subwoofer 12" driver 200 Watts RMS

Sherwood

10" 100W Active Subwoofer (Forward Firing) - Black Woodgrain

Sherwood

TEATRO10SW



Sherwood 10" 100W Active Subwoofer (Forward Firing) - Black Woodgrain

## Speaker Pack

Pioneer

5.1 Speaker System - designed and engineered by Andrew Jones. Curved cabinet & superior crossover

Pioneer

FS52PACK



Pioneer 5.1 Speaker System - designed and engineered by Andrew Jones. Curved cabinet & superior crossover

Sherwood

5.1 Channel Speaker Pack - Black Woodgrain

Sherwood

TEATROBLKP



Sherwood 5.1 Channel Speaker Pack - Black Woodgrain

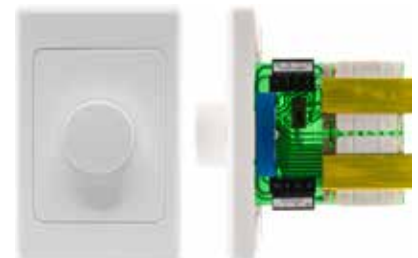
## Volume Control

Pro2

100W In-wall 12 Step Volume Control

Pro2

PRO1 163P



Pro2 100W In-wall 12 Step Volume Control

60W In-wall 6 Step Volume Control for 4, 8 or 16 ohm

Pro2

PRO1191



Pro2 60W In-wall 6 Step Volume Control for 4, 8 or 16 ohm

## Transformers

### Unbranded / Generic

Transformer for PA Line 100V 20W

Unbranded / Generic

ICNTRANPA



Transformer for PA Line 100V 20W

Transformer for PA Line 100V 15W

Unbranded / Generic

ICNTRANPA15W



Transformer for PA Line 100V 15W

## Banana Plugs

Kordz

Kordz Gold Banana Plug Plastic Shell (Black)

Kordz

GBP241K



Kordz Gold Banana Plug Plastic Shell (Black)

Kordz Gold Banana Plug Plastic Shell (Red)

Kordz

GBP241R

Kordz Gold Banana Plug Plastic Shell (Red)

### Unbranded / Generic

Gold Plated Banana Plug Pair (1 x Red and 1 x Black)

Unbranded / Generic

CONBANPG



Gold Plated Banana Plug Pair (1 x Red and 1 x Black)

## Replacement Parts

Flatline Acoustics

Relacement Aluminium Grills for 6.5" In-Ceiling Speakers

Flatline Acoustics

SPKGR650IC



Flatline Acoustics Replacement Aluminium Grills for 6.5" In-Ceiling Speakers

Relacement Aluminium Grills for 8" In-Ceiling Speakers

Flatline Acoustics

SPKGRL83IC



Flatline Acoustics Replacement Aluminium Grills for 8" In-Ceiling Speakers

Novonde

Black Magnetic Grills for 8" In-Ceiling Speakers in singles

Novonde

SPKGRNL8M



Black Magnetic Grills for 8" In-Ceiling Speakers in singles

## Bookshelf

Krix

CMPAQUXB

Krix

CMPAQUXB

Krix AQUATIX Outdoor Speaker In Pairs. Black 20 - 100 Watts RMS recommended amplifier power ,2-Way Dia. 185 H x 250 W x 190mm Deep

## Outdoor

### Klipsch

**AW-500 Outdoor Speaker Pair. 5" IMG Woofer 1" Polymer Tweeter Mated to a Square**

Klipsch

AW500



The AW-500 outdoor loudspeaker offers great sounding performances and year-round durability whatever the weather. Sold in Pairs (White)

## Projectors

### Epson

**EH-TW5200 Full HD 2D and 3D 1080p Projector**

Epson

EHTW5200



Epson EH-TW5200 Full HD 2D and 3D 1080p Projector

**EH-TW5300 Full HD 2D and 3D 1080p Projector**

Epson

EHTW5300



Epson EH-TW5300 Full HD 2D and 3D 1080p Projector

#### Specifications

<b>Dimensions D x W x H</b>	249 x 297 x 119 mm
<b>Weight</b>	Approx. 2.9kg
<b>Lamp Warranty</b>	1 Year or 750 Hours
<b>Projector Warranty</b>	2 years
<b>Power Consumption: Lamp on</b>	291 W
<b>Power Consumption: Standby</b>	0.28 W
<b>Noise Level</b>	Normal / Eco: 37 / 27 dB

#### TECHNOLOGY

<b>Projection System</b>	RGB liquid crystal shutter projection system
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#### Specifications

<b>LCD Panel</b>	0.61-inch wide panel (D9, C2Fine, 10Bit)
<b>OPTICAL</b>	
<b>Zoom</b>	1 - 1.2 (Optical)
<b>Screen Size</b>	34" to 332" [0.91 to 9.11 m] (Zoom: Wide) 34" to 332" [1.09 to 10.94 m] (Zoom: Tele)
<b>Projection Distance</b>	60" screen 1.62 - 1.95 m
<b>Projection Lens F Number</b>	1.58-1.72
<b>Projection Lens Focal Length</b>	16.9 mm-20.28 mm
<b>Focus Method</b>	manual
<b>IMAGE</b>	
<b>Colour Light Output</b>	2,200 Lumens
<b>White Light Output</b>	2,200 Lumens
<b>Resolution</b>	1080p
<b>Native Aspect Ratio</b>	16:9
<b>Contrast Ratio</b>	35,000:1
<b>Lamp Hours</b>	Normal: 4,000 Hours Eco: 7,500 Hours
<b>Lamp Type</b>	200 W UHE
<b>Keystone Correction (With Std Lens)</b>	Vertical: -30 to +30 degrees Horizontal: -30 to +30 degrees
<b>Colour Reproduction</b>	Up to 1.07 billion colours
<b>Colour Processing</b>	10 bit
<b>CONNECTIVITY</b>	
<b>Input: Video</b>	1 x RCA (Yellow)
<b>Input: Computer</b>	1 x D-sub 15-pin (RGB)
<b>Input: Digital</b>	2 x HDMI (1 x MHL)
<b>Input: Audio</b>	1 x RCA (Red/White), 1 x HDMI
<b>Input: Control</b>	1 x USB Type B
<b>Output: Audio</b>	1 x Stereo mini-jack
<b>Speaker Output</b>	SW
<b>ADVANCED FEATURES</b>	
<b>MHL - Mobile High Definition Link</b>	Yes
<b>3D Formats</b>	Top-and-Bottom, Side-by-Side
<b>2D to 3D Conversion</b>	Yes
<b>Frame Interpolation</b>	Yes
<b>AV Mute</b>	Yes
<b>Direct Power On</b>	Yes
<b>Security</b>	Kensington®-style lock provision Padlock Security cable hole
<b>Colour Modes</b>	2D: Dynamic, Bright Cinema, Natural, Cinema 3D: 3D Dynamic, 3D Cinema

**EH-TW6700 3D Full HD Projector. 3,000 Lumens, Full HD 1080p**

Epson

EHTW6700



Epson EH-TW6700 3D Full HD Projector. 3,000 Lumens, Full HD 1080p, 1920 x 1080, 16:9

**Epson EH-TW6800**

Epson

EHTW6800



Epson EH-TW6800 3 Home Theatre Projector

**ELPLP67 Projector Bulb V13H010L67**

Epson

ELPLP67



EPSON ELPLP67 Projector Bulb V13H010L67

## Projector Screens

### Tauris Screens

**100" Pull Down Screen (16:9)**

Tauris Screens

100PULLMKII



Westinghouse 100" Pull Down Screen (16:9),

**110" Fixed MKII Screen (16:9) Flocked Boarded Gain 1.1**

Tauris Screens

110FIXED



110" Fixed MKII Screen (16:9) Flocked Boarded Gain 1.1

110" Pull Down Screen (16:9), Slow ReturnControl, Gain 1.0

Tauris Screens

110PULLMKII



Tauris 110" Pull Down Screen (16:9), Slow ReturnControl, Gain 1.0

92" Motorised Screen (16:9) ,IR & RF TRIGGER Switch, Gain 1.0

Tauris Screens

RVM92MOT



Tauris 92" Motorised Screen (16:9) ,IR & RF TRIGGER Switch, Gain 1.0

## Unbranded / Generic

100" Motorised Screen (16:9) (Brand 2C )

Unbranded / Generic

100MOTK11

100" Motorised Screen (16:9) (Brand 2C )

120" Fixed MKII Screen (16:9) Flocked Bordered Gain 1.1 (GandView)

Unbranded / Generic

120FIXEDMKII



120" Fixed MKII Screen (16:9) Flocked Bordered Gain 1.1 (GandView)

120" Motorised Screen (16:9) (Westhouse)

Unbranded / Generic

120MOTMKII

120" Motorised Screen (16:9) (Westhouse)

Pro Projection Screen 1 Size: 130"

Unbranded / Generic

130MOT



Viewmaster Pro Projection Screen 1 Size: 130" Format: 16:9 NPA: 1615mm (H) x 2880mm W Surface: Unity White FG (Gain 1.1) Headbox: White Ripple (Large) Slatrod: Black Ripple Borders: 300mm top / 50mm sides and bottom

92" Fixed Screen (16:9), Slow , Gain 1.0

Unbranded / Generic

92FIXED



92" Fixed Screen (16:9), Gain 1.0

92" Pull Down Screen (16:9), Slow ReturnControl, Gain 1.0

Unbranded / Generic

92PULL



92" Pull Down Screen (16:9), Slow Return Control, Gain 1.0

## Brackets

Sanus

LT25 Tilt Mount 37"-90" (79kg)

Sanus

LT25B7



Large Flat Panel Mount w/Tilt LT25B7 SANUS

## Wall Bracket

Secura

Secura low-profile wall mount

Secura

QML22B2

Sanus Secura Low-profile Wall Mount for 32" to 50" Flat-panel TVs up to 27.3kg

## Unbranded / Generic

Double Arm 26-42 Wall Bracket

Unbranded / Generic

TVB1540

Double Arm 26-42 Wall Bracket

## Flat Bracket

### Flat Bracket :: Meliconi

Space System Tilt Wall Bracket 32" - 50" - Maximum Load 70kg with 15 Degree Tilt

Meliconi

MELFLAT20M



Meliconi Space System Tilt Wall Bracket 32" - 50" - Maximum Load 70kg with 15 Degree Tilt

### Flat Bracket :: Sanus

37"-90" TVs 3.8cm Depth

Sanus

LL22



Sanus 37"-90" TVs 3.8cm Depth , ClickStand, Maximum Vesa 600 x 400, Weight Cap of 79 kg

## VLL5 Flat Mount 51"-80" Premium Series 56Kg

Sanus

VLL5B1



Sanus 51-80" 2.3cm Depth, Lateral Shift, Post Installation Level Adjustment Distance Holder and Quick-Release Latches. Maximum Vesa 675 x 410. Weight Cap 56 kg

## SimplySafe Fixed TV Wall Mount

Sanus

VLL61



Sanus SimplySafe™ Fixed TV Wall Mount for Most 47" ~ 80" Flat-Panel TVs 600x400 Max.Weight 61kg.

## Flat Mount 26"-47" SuperSlim 1.7cm

Sanus

VML10B7



Sanus Slim 26-47" 1.7cm Depth, ClickStand, Lateral Shift, Quick Release, Maximum Vesa 425 x 400, Weight Cap 36 kg

## Flat Mount 22"-50" SuperSlim 2.84cm VML44

Sanus

VML44

Flat Mount 22"-50" SuperSlim 2.84cm, Quick-Release, Max Weight 36kg (Ctn Qty 4)

## VMPL250B 30"-56" Flat bracket (59kg)

Sanus

VMPL250B07



Sanus 30"-56" Flat bracket (59 kg). Lateral Shift, Locking

Mechanism, 3.2 cm depth

## VMPL3B 27"-90" 127Kg

Sanus

VMPL3



Sanus VMPL3B 27"-90" Max.-127Kg Adjustable design Expands and Retracts to fit most TVs. Includes Both Fixed -position Brackets Vesa

## Flat Bracket :: Secura

### Secura low-profile wall mount

Secura

QLL22



Sanus Secura Low-profile Wall Mount for 40" to 70" Flat-panel TVs up to 23kg

### Secura LARGE Fixed TV Mount

Secura

QLL23



Sanus Secura Large Fixed TV Mount. Low Profile, 40 to 70" (101.6cm - 177.8cm) (45kg) Depth - 3.07 cm"

## Flat Bracket :: Unbranded / Generic

### Medium Flat LCD Wall Bracket 40kg

Unbranded / Generic

BRKCMW551F



Medium Flat LCD Wall Bracket - Maximum Load 40kg, 23"-42". 4cm Clearance from the wall

### Large Flat 2 Piece LCD Wall Bracket

Unbranded / Generic

BRKSA5100F



Large Flat 2 Piece LCD Wall Bracket - Maximum Load 100kg, 50"-71", Low Profile

### LCD/TFT Wall Mount BT7510S To 23" Silver

Unbranded / Generic

TVBBT7510S



LCD/TFT Wall Mount BT7510S To 23" Silver

### Medium Flat Screen Wall Mount Black

Unbranded / Generic

TVBBT7532B



Medium Flat Screen Wall Mount Black

## Flat Panel Wall Mount 13" - 27" Artic

Unbranded / Generic

TVBDK7413B

Flat Panel Wall Mount 13" - 27" Artic

## Flat Panel Wall Mount 37" - 70" Tilt

Unbranded / Generic

TVBDK7432B



Flat Panel Wall Mount 37" - 70" Tilt

## Flat Panel Wall Mount to 32" Low Profile

Unbranded / Generic

TVBDK7521B



Flat Panel Wall Mount to 32" Low Profile

## Flat Panel Wall Mount 32" to 42" 75kgs

Unbranded / Generic

TVBLK8421B



Flat Panel Wall Mount 32" to 42" 75kgs

## iPad Wall Mounts

### iPad Wall Mounts :: Simple Wall Mount

iPad Wall Mount White - This in-wall mount is designed for use with the iPad 2nd, 3rd, and 4th Gen

Simple Wall Mount

SWMIPAD



iPad Wall Mount White - This in-wall mount is designed for use with the iPad 2nd, 3rd, and 4th Generations.ac

### iPad Mini Wall Mount White

Simple Wall Mount

SWMINI060



iPad Mini Wall Mount White (1st, 2nd, 3rd Generations)

### iPod 5th Generation Wall Mount White

Simple Wall Mount

SWMPOD5TH



iPod 5th Generation Wall Mount White

## Tilt Bracket

### Tilt Bracket :: Sanus

26 -42" 6cm Depth 412x 330 Max Vesa Fingertip

Sanus

MT25B7



Sanus 26 -42" 6cm Depth 412x 330 Max Vesa Fingertip Tilt 15/-15 Lateral Shift, Lockable with Padlock (Not Included)

VLT16 Super Slim Tilting 51"â€ 80" (57kg)

Sanus

VLT16B1



Sanus VLT16 Super Slim Tilting 51" to 80" (57kg) 2.1 cm depth, Fingertip Tilt 0 to 10 Degrees, Post Installation Level Adjustment, Quick Release Latches

VLT-6 Advanced Tilt TV Wall Bracket

Sanus

VLT6B2



Sanus VLT-6 Advanced Tilt TV Wall Bracket.Can be extended 5.75" away from the wall. Maximum Carry Load 68 kg

VMPL50A Tilt Mount 32"-70" (68kg)

Sanus

VMPL50AB7



Sanus VMPL50A Tilt Mount 32" to 70" (68kg) 4.6cm depth, Fingertip Tilt 9 to -10 Degrees, Post Install Level Adjustment



VST4B7 13"-39", 22kg

Sanus

VST4B7



Sanus VST4B7 13" to 39", 22kg, 5.1 cm Depth, Fingertip Tilt 12 to -12 Degrees, Locking Mechanism

## Tilt Bracket :: Secura

Secura 3 fixed tilting positions

Secura

QLT25B2

Sanus Secura 3 fixed tilting positions for ideal viewing angle (-5/-8/-10 degrees). TV Size 101.6cm - 177.8cm

QMT25

Secura

QMT25

Medium Tilt Mount 32"-50" Fixed Tilt steps -5/-8/-10° VESA 400x400(U)

Secura Small Tilting TV Mount

Secura

QST25



Sanus Secura Small Tilting TV Mount. TVs 13" to 39" (25.4cm - 99.06cm) Depth- 2.39cm Max.(16kg) Max Tilt -6 Deg

## Tilt Bracket :: Unbranded / Generic

Small LCD Wall Bracket 22.7kg

Unbranded / Generic

BRKCMW-103



Small LCD Wall Bracket 22.7kg, +5/-20 Tilt, Vesa 50x50, 75x75 & 100x100

Wall Bracket for 26"-37" TV's

Unbranded / Generic

BRKCMW440



Wall Bracket for 26"-37" TV's with 0" or 5" Tilt. Maximum Load 60Kg. 5.2cm Clearance from the wall

Medium LCD Wall Bracket 23"-40" 40kg

Unbranded / Generic

BRKCMW550T



Heavy Duty Construction Medium Size LCD Wall Bracket 26"-42" - 40kg Maximum Load - 0,5,10 Tilt

LCD/Plasma Wall Mount Versatilt Silver

Unbranded / Generic

TVBBC71570

LCD/Plasma Wall Mount Versatilt Silver

LCD/TFT Wall Mount BT7511 To 53cm

Unbranded / Generic

TVBBT7511S



LCD/TFT Wall Mount BT7511 To 53cm

LCD/TFT Wall Mount Brk BT7518S up to 23"

Unbranded / Generic

TVBBT7518S



LCD/TFT Wall Mount Brk BT7518S up to 23"

Flat Panel Wall Mount 37" to 60" Tilt

Unbranded / Generic

TVBDK8432B



Flat Panel Wall Mount 37" to 60" Tilt

## Articulated/Full Motion Bracket

Articulated/Full Motion Bracket ::

XSM1U. X-Large FUSIONâ„„ç Micro-Adjustable Fixed Wall Mount

XSM1U



X-Large FUSIONâ„„ç Micro-Adjustable Fixed Wall Mount. The installer-inspired fixed mount solves top flat panel installation problems, offering perfect TV positioning and flexible adjustments for extra-large flat panel screens.113KG

Articulated/Full Motion Bracket ::

## Locktek

37- 55 Full Motion Wall Mount

Locktek

TVB751



Locktek 37- 55 Full Motion Wall Mount

## Articulated/Full Motion Bracket :: Sanus

### VLC1 Swivel Mount 40" - 88" 68kg

Sanus VLC1



Sanus VLC1 Swivel Mount 40" - 88". Fits TV's 101.60cm to 223.52cm. Maximum Weight 68kg with swivel left and right of center up 20 Degrees

### Full Motion 51"-70" Premium Series (56kg)

Sanus VLF525B7



Sanus 51"-70" Full Motion bracket. 56kg. Extends 7.6 to 64 cm, Fingertip Tilt, Lateral Shift, Post Installation Leveling, 700x400 Maximum Vesa

### VLF613 Super Slim Bracket 56.7Kg

Sanus VLF613



Sanus VLF613 Super Slim Bracket Does Screen Sizes 42-84" and Can take a Weight up to 56.7kg. Extension From The Wall 32cm Tilt Down 8 degrees Vesa: 777x 420

### VLF628 Screen Sizes 42-90" 68kg

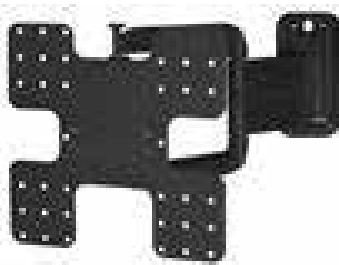
Sanus VLF628B2



Sanus VLF628 Screen Sizes 42-90" and Weighing up to 68kg. Extension From The Wall 82mm to 710mm Tilt +5 to -15 degrees

### VMF322 Full motion mount 32"-50" (27kg)

Sanus VMF322



Sanus VMF322 Super Slim full-motion mount suits 32" to 50", 400 x 400 Vesa

### VMF518-B2 Full motion mount 40"-50" (34kg)

Sanus VMF518B7



Sanus VMF518-B2 Full motion mount 40"-50" (34kg) Extends 8.4 - 46cm FingerTip Tilt

### VSF409 Full Motion 15"-39" (27kg)

Sanus VSF409B7



Sanus VSF409-B715-39"200X 200 Max Vesa 27kg Cap. Extends 8.3 - 24cm ,Fingertip Tilt 360 Rotation ( ctn Qty -4)

### VF415 Full Motion 15"-39" (27kg)

Sanus VSF415B7



Sanus VF415 Full Motion 15" to 39" (27 kg) Extends 8.3cm to 39 cm, Fingertip Tilt, 360 Degree Rotation

### XF228B1 Full motion mount 42"-90" (79kg)

Sanus XF228B1



Sanus XF228B1 Full motion mount 42"-90" (79kg)

## Articulated/Full Motion Bracket :: Secura

Sanus Secura Swivel Mount. TVs 40-70" 1 Arm (49.8kg) Max Extend 27cm Tilt+5/-15 VESA: Max 900x4

Secura QLF210



Sanus Secura Swivel Mount. TVs 40-70" 1 Arm (49.8kg) Max Extend 27cm Tilt+5/-15 VESA: Max 900x400.

### Secura Dual Arm Full Motion Mount

Secura QLF214



Sanus Secura Dual Arm Full Motion Mount. TVs 40 to 70 (50kg) VESA: 2x2/6x4. 14" extended"

### Secura Single Arm Swivel Mount

Secura QSF207



Sanus Secura Single Arm Swivel Mount. TVs Up to 39" (25.4cm - 99.06cm) (11kg). VESA: 75x75/100x100/200x200. Extends 19.3 cm

## Secura Swivel Mount

Secura

QSF210



Sanus Secura Swivel Mount. TVs Up to 39" 25.4cm - 99.06cm (12kg) Max Dep.-26.59 cm. VESA: 75x75/100x100/200x200

## Articulated/Full Motion Bracket :: Unbranded / Generic

Double Arm. Tilt 5 Up and 20 Down.36.3Kg

Unbranded / Generic

BRKCMW1537



Double Arm. Tilt 5 Up and 20 Down. Swivel Left and Right Adjustable. Max. Load 36.3Kg. Max. Clearance From Wall 9.5 - 56cm

Double Arm. Tilt 50 Up and 20 Down. 60Kg

Unbranded / Generic

BRKCMW167



Double Arm. Tilt 50 Up and 20 Down. Swivel Left and Right Adjustable. Max. Load 60Kg. Max. Clearance From Wall 13 - 63cm. Up to 56" LCD

Double Arm. Tilt 50 Up and 20 Down. 45.4Kg

Unbranded / Generic

BRKCMW197



Double Arm. Tilt 50 Up and 20 Down. Swivel Left and Right

Adjustable. Max. Load 45.4Kg. Max. Clearance From Wall 13 - 63cm. Up to 42" LCD

## Flat Panel Wall Mount to 22" Tilt+Swivel

Unbranded / Generic

TVBDK7512B



Flat Panel Wall Mount to 22" Tilt+Swivel

## Flat Panel Wall Mount Single Arm To 40"

Unbranded / Generic

TVBDK7534A



Flat Panel Wall Mount Single Arm To 40"

## Ceiling Mounts

### Unbranded / Generic

## Ceiling Mount Vesa

Unbranded / Generic

BRKCMC008



Ceiling Mount Vesa (50x50,75x75, 100x100,100x200 and 200x200mm). Adjustable Tilt 5 Degrees up and 20 Degrees Down. Maximum Load 36Kg for 37" LCD

## Ceiling Mount Adjustable Tilt

Unbranded / Generic

BRKCMC010



Ceiling Mount - Adjustable Tilt 5 Degrees up and 20 Degrees Down with 360 Degree Swivel Maximum Load 75kg for 32"-56" LCD

## Ceiling Mount Adjustable Tilt

Unbranded / Generic

BRKCMC011



Ceiling Mount Adjustable Tilt 5 Degrees up and 20 Degrees Down with 360 Degree Swivel Maximum Load 40kg for 26"-42" LCD

## Ceiling Mount Adjustable Tilt

Unbranded / Generic

BRKCMC014



Ceiling Mount Adjustable Tilt 90 Degrees up and 90 Degrees Down with 360 Degree Swivel Maximum Load 22.7kg for 37" LCD

## Flat Panel Ceiling Mount Up to 32"

Unbranded / Generic

TVBCEILING



Flat Panel Ceiling Mount Up to 32"

## Projector

Sanus

VMPR1 Universal ceiling projector mount (22kg).

Sanus VMPR1B



SANUS VMPR1 tilt and swivel ceiling mount for projectors up to 22.73 kg. Compatible with more than 95% of all DLP and LCD projectors on the market

## Unbranded / Generic

Projector extension pole

Unbranded / Generic BRKACC826



Projector extension pole to suit PJR-054 (Black)

Projector Universal Wall Mount (Black)

Unbranded / Generic BRKPJR049



Projector Universal Wall Mount (Black) Maximum Load 15kg

Projector Universal Ceiling Mount (Black)

Unbranded / Generic BRKPJR054



Projector Universal Ceiling Mount (Black) Maximum Load 20kg

## Speaker Bracket

Sanus

SA405 Soundbar Speaker Mount

Sanus SA405B1



Sanus SA405 Soundbar Speaker Mount, attaches to bottom of TV, Max Weight 6.8kg.

Play1, Play3 Pair of Sonos Speaker Stands, for play1 or play 3. White version

Sanus WSS2W1



Sanus Play1, Play3 Pair of Sonos Speaker Stands, for play1 or play 3. White version

WSWM21W2

Sanus WSWM21W2

Sanus Speaker Wall Mount For Sonos One, Play1 and Play3 and Both Tilt And Swivel motion Pair White Single In White

### Specifications

Product Width	2.00" / 5.08cm
Product Height	3.83" / 9.73cm
Product Depth	2.78" / 7.06cm
Product Weight	0.60lbs / 0.27kg

Sanus Adjustable Speaker Wall Mount

Sanus WSWM22B2

Speaker Wall Mount For Sonos One, Play1 and Play3 and Both Tilt And Swivel motion Pair Black

WSWM22W2

Sanus WSWM22W2

Sanus Speaker Wall Mount For Sonos One, Play1 and Play3 and Both Tilt And Swivel motion Pair White Pair In White

## Unbranded / Generic

Speaker Wall Bracket, Maximum Load 5kg, Black

Unbranded / Generic BRKSWB102B



Speaker Wall Bracket, Maximum Load 5kg, Black

Speaker Wall Bracket, Maximum Load 5kg, Silver

Unbranded / Generic BRKSWB102S



Speaker Wall Bracket, Maximum Load 5kg, Silver

Premium Wireless speaker stand for Sonos Play 1 and Play 3 speakers. Single black stand with integr

Unbranded / Generic WSS21B2

Premium Wireless speaker stand for Sonos Play 1 and Play 3 speakers. Single black stand with integrated cable management

WSS22B2 Wireless speaker stand

Unbranded / Generic WSS22B2

Premium Wireless speaker stand for Sonos ONE, Play 1, Play 3 speakers. Pair of Black Stands with integrated cable management and Carpet spikes as well as Rubber Feet.

WSS22W2 Wireless speaker stand

Unbranded / Generic WSS22W2

Premium Wireless speaker stand for Sonos ONE, Play 1, Play 3 speakers. Pair of White Stands with integrated cable management and Carpet spikes as well as Rubber Feet.

WSSA1B2

Unbranded / Generic WSSA1B2

Premium Speaker Stand With Adjustable 63.5-106.6cm Height Without Tools. For Sonos Play 1 and Play 3 speakers. Sold In Single Black

## WSSA2B2

Unbranded / Generic

WSSA2B2

Premium Speaker Stand With Adjustable 63.5-106.6cm Height Without Tools. For Sonos Play 1 and Play 3 speakers. Sold In Pairs Black

## Specialty Brackets

Meliconi

## Ghost System Back Lighting Kit

Meliconi

GHLIGHT



Meliconi Ghost System Back Lighting Kit

## Ghost 1000 TV Wall Bracket System - Carbon Fibre

Meliconi

MELG1000CF

Meliconi Ghost 1000 TV Wall Bracket System - Carbon Fibre

## Ghost 1000 TV Wall Bracket System - Piano Black

Meliconi

MELG1000PB

Meliconi Ghost 1000 TV Wall Bracket System - Piano Black

## Ghost 1000 TV Wall Bracket System - Silver

Meliconi

MELG1000SI

Meliconi Ghost 1000 TV Wall Bracket System - Silver

## Ghost 1000 TV Wall Bracket System - White

Meliconi

MELG1000WH

Meliconi Ghost 1000 TV Wall Bracket System - White

## Ghost 2000 TV Wall Bracket System - Metallic Blue

Meliconi

MELG2000BL

Meliconi Ghost 2000 TV Wall Bracket System - Metallic Blue

## Ghost 2000 TV Wall Bracket System - Carbon Fiber

Meliconi

MELG2000CF

Meliconi Ghost 2000 TV Wall Bracket System - Carbon Fiber

## Ghost 2000 TV Wall Bracket System - Piano Black

Meliconi

MELG2000PB



Meliconi Ghost 2000 TV Wall Bracket System - Piano Black

## Ghost 2000 TV Wall Bracket System - Silver

Meliconi

MELG2000SI



Meliconi Ghost 2000 TV Wall Bracket System - Silver

## Ghost 2000 TV Wall Bracket System - White

Meliconi

MELG2000WH



Meliconi Ghost 2000 TV Wall Bracket System - White

## Ghost 100 Motorised TV Wall Bracket System - Black

Meliconi

MELGHMOTOR



Meliconi Ghost 100 Motorised TV Wall Bracket System - Black

## Ghost 1000 TV Wall Bracket System - Metallic Blue

Meliconi

MELG1000BL

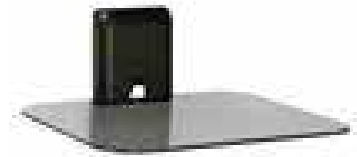
Meliconi Ghost 1000 TV Wall Bracket System - Metallic Blue

Sanus

## VMA401 AV Component Shelf (single column mount directly under TV) Max 8Kg

Sanus

VMA401B1

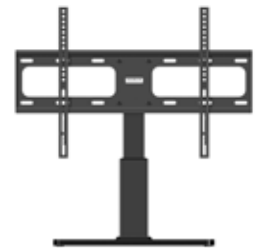


The SANUS Vertical Series VMA401 is a single-column AV component shelf that mounts directly under wall-mounted TVs. Maximum Weight 8Kg

## Universal Fixing Mount For TV from 32" to 60"

Sanus

VTVS1



Sanus Universal Fixing Mount For TV from 32 to 60" weighing up to 27kg. Featuring both height and swivel adjustment

Unbranded / Generic

## LCD Under Cabinet Screen Mount Silver

Unbranded / Generic

TVBBT7525S

LCD Under Cabinet Screen Mount Silver

## Bracket Accessories

Sanus

### ELM701 anti-tip strap

Sanus ELM701



Sanus ELM701 anti-tip strap - reduces the risk of TV tipping

### AV device mount behind TV rack

Sanus SASP1



Sanus AV streaming media device panel mounting panel (includes mounting hardware and straps)

## Cable Management

### Cable Management :: Sanus

#### Sanus Cable Tunnel Kit

Sanus SA304W1

Sanus SA304-W1 Cable Tunnel Kit. Can be painted & cut to size (Ctn 4)

## AV Cables

Kramer

#### C-MGMA/MGMA-10

Kramer KRMGMA10

Flexible VGA with 3.5mm Audio Male to Male Cable, 10ft / 3.0m

#### C-MGMA/MGMA-15

Kramer KRMGMA15

Flexible VGA with 3.5mm Audio Male to Male Cable, 15ft / 4.6m

#### C-MGMA/MGMA-25

Kramer KRMGMA25

Flexible VGA with 3.5mm Audio Male to Male Cable, 25ft / 7.6m

#### C-MGMA/MGMA-6

Kramer KRMGMA6

Flexible VGA with 3.5mm Audio Male to Male Cable, 6ft / 1.8m

## Audio Cables

Kramer

#### C-A35M/2RAM-15

Kramer KRAS3M2R15

3.5mm Stereo Audio Male to 2 RCA Male Cable, 15ft / 4.6m

#### C-A35M/2RAM-3

Kramer KRAS3M2R3

3.5mm Stereo Audio Male to 2 RCA Male Cable, 3ft / 0.9m

#### C-A35M/2RAM-50

Kramer KRAS3M2R50

3.5mm Stereo Audio Male to 2 RCA Male Cable, 50ft / 15.2m

#### C-A35M/A35M-15

Kramer KRAS3MAS315

3.5 mm Stereo Audio Male to Male Cable, 15ft / 4.6m

#### C-A35M/A35M-3

Kramer KRAS3MAS33

3.5 mm Stereo Audio Male to Male Cable, 3ft / 0.9m

#### C-A35M/A35M-6

Kramer KRAS3MAS36

3.5 mm Stereo Audio Male to Male Cable, 6ft / 1.8m

## Component Video Cables

Meliconi

### Cable Cover Black. 200cm Long with 27mm Diameter

Meliconi MELCABNERO



Meliconi Cable Cover Black. 200cm Long with 27mm Diameter

### Cable Cover White 200cm Long with 27mm Diameter

Meliconi MELCCBK



Meliconi Cable Cover White 200cm Long with 27mm Diameter

## AV Power Conditioning

Belkin

### BELKIN PureAV 2 Outlet SurgeCube with Aerial & F-type protection + \$55,000 Warranty Dark Grey

Belkin BELPURAV



BELKIN PureAV 2 Outlet SurgeCube with Aerial & F-type protection + \$55,000 Warranty Dark Grey

## Digitek

### Power Board 8 Way Surge Protection - 3444 Joule Protection

Digitek **OUTPBSPP80**



Digitek Power Board 8 Way Surge Protection - 3444 Joule Protection

#### Specifications

<b>Sockets</b>	8 way
<b>Surge Current</b>	14400 amps
<b>Connections</b>	2x Coax cable connection, 3x Phone/ internet connections, 8x Power outlets
<b>Power Cord length</b>	1.8m lead
<b>Warranty</b>	Lifetime Warranty (with manufacturers)

### 1 AC Outlet with 2 1A USB Charger Surge Protection 918 Joules

Digitek **OUTPBUSB**



1 AC Outlet with 2 1A USB Charger Surge Protection 918 Joules

#### Specifications

<b>Electrical Rating</b>	10A, 240V, 2400 Watts
<b>Surge Lines Protected</b>	3-Line (L-N, L-PE, N-PE)
<b>Surge Energy Joule Rating</b>	918 Joules
<b>Max. Spike Current</b>	36,000 Amps
<b>Response Time</b>	1 Nanosecond
<b>Max Spike Voltage</b>	6 kV
<b>USB Charger</b>	2-port (5v/2.1 A Total)

### Power Board 4 Way Surge Protection 1722 Joule Protection 09SPPB4

Digitek **OUTPSPPB4**



Digitek 4 Way Power Board with Surge Protection.

## AV Power Boards

### Thor

#### THORA12BF

Thor **THORA12BF**

Thor Smartboard 8 Surge Protection and Filtering Power Board. Active Tracking.(A12BF)

#### Specifications

<b>Product Dimensions</b>	350mm(L) x 45mm(H) x 140mm(W)
<b>Supply voltage</b>	240V AC 50/Hz
<b>Maximum current rating</b>	10amps/2400 W (VA)
<b>Clamping voltage</b>	275VAC
<b>Reaction time</b>	less than 1 nanosecond
<b>Maximum transient spike impulse current</b>	208,000 amps (equivalent to 52,000 amps using UL1449 standard)
<b>Maximum energy dissipation</b>	6080 Joules (equivalent to 2050 Joules using UL1449 standard)
<b>Protection modes</b>	(all 8 outlets protects on all 3 conductors): Active/Neutral, Active/Earth, Neutral/Earth)
<b>Number of multi-stage filter banks</b>	2
<b>Number of isolated banks</b>	3
<b>Number of dedicated outlets</b>	4+3+1
<b>Total number of protected AC outlets</b>	8
<b>RJ 45 data protection</b>	1 in and 2 out
<b>AV/TV Connection</b>	In and out
<b>Cable TV 'F' type connection</b>	In and out
<b>Operating conditions</b>	Indoor/AC mains
<b>Operating temperatures</b>	-10C/+60C
<b>Cable length</b>	1.8m

#### THORB12R

Thor **THORB12R**

Thor 8 Way GreenPower Power Board with remote on/off and USB. Surge Protection and Filtering. Model B12R

#### THORB8F

Thor **THORB8F**

Thor Smartfilter 8 Surge Protection & Filtering power board (B8F)

### THOR 2-Way Power Board Filter & Surge Protector (6 year warranty) C2

Thor **THORC2**

Thor 2 Way SmartFilter Power Board. Filter & Surge Protection. Model C2

#### THORD145

Thor **THORD145**

Thor SmartFilter 7 Way Power Board with Filter & Surge Protector D1/45B

#### THORE145

Thor **THORE145**

Thor Smartprotect 4 Surge Protect and Filtering. (E1/45S)

#### THORSTVIQ3

Thor **THORSTVIQ3**

Thor s-Tviq/3 SMART TV IQ Supply Voltage 240/Vac 50Hz Maximum Current Rating 5amps/1200 WA (VA) Clamping Voltage 275Vac Reaction Time Less than 1 Nano Second Maximum Energy Dissipation over 23,000 Joules

#### Specifications

<b>Product Dimensions</b>	160mm (L) x 25mm (H) x 25mm (W)
<b>Supply voltage</b>	240V AC 50Hz
<b>Maximum current rating</b>	5amps/1200 W (VA)
<b>Clamping Voltage</b>	275VAC
<b>Reaction speed</b>	less than 1 nanosecond
<b>noise reduction filter</b>	EMI/RFI
<b>operating conditions</b>	Indoor AC/Mains
<b>Operating temperature</b>	-10C/+60C
<b>Cable length</b>	1.2m

## Smart Rack Guard

### Thor

#### THORRF11

Thor **THORRF11**

Thor Smart Rack Guard 11 way (7 plug outlets + 4 IEC outlets) Smart Brain. (RF11)

#### Specifications

<b>Product Dimensions</b>	484 mm x 47.5 mm x 182 mm
<b>Supply voltage</b>	240V AC 50Hz
<b>Maximum current rating</b>	10amps/2400 W (VA)
<b>Clamping Voltage</b>	275VAC
<b>Reaction speed</b>	less than 1 nanosecond
<b>Maximum transient spike impulse current (Amps)</b>	156,000 amps. Equivalent to 39,000 Amps using UL1449 standard
<b>Maximum Energy Dissipation (Joules)</b>	3420 Joules. Equivalent to 1140 Joules using UL1449 standard
<b>Noise Reduction Filter</b>	EMI/RFI (SmartBrain Passive)
<b>Total Number Protected and Filtered outlets</b>	11
<b>Operating conditions</b>	Indoor/AC Mains
<b>Operating Temperatures</b>	-10C/+60C
<b>Cable length</b>	2.0m

THORRF11	
Thor	THORRF11R
Thor Smart Guard Remote 11 way (7 plug outlets + 4 IEC outlets) Smart Brain. IP control/monitoring. (RF11R)	
<b>Specifications</b>	
Product Dimensions	500 mm x 48 mm x 140 mm
Supply voltage	240V AC 50Hz
Maximum current rating	10amps/2400 W (VA)
Clamping Voltage	275VAC
Reaction speed	less than 1 nanosecond
Maximum transient spike impulse current (Amps)	156,000 amps. Equivalent to 39,000 Amps using UL1449 standard
Maximum Energy Dissipation (Joules)	3420 Joules. Equivalent to 1140 Joules using UL1449 standard
Noise Reduction Filter	EMI/RFI (SmartBrain Passive)
Total Number Protected and Filtered outlets	11
Operating conditions	Indoor/AC Mains
Operating Temperatures	-10C/+60C
Cable length	2.0m

## Hard Wired

### Thor

THORCM90	
Thor	THORCM90
Thor Smart Cavity Mount. In-wall hardwired Active Tracking Filter & Surge protection. 16A. (CM90)	
<b>Specifications</b>	
Supply Voltage	240/Vac 50/Hz
Maximum Current Rating	16amps/3840 W (Va)
Clamping Voltage	275Vac
Reaction Time	Less than 1 Nano Sec?
Maximum Transient Spike Impulse Current (AMPS)	49,000 amps
Maximum Energy Dissipation (Joules)	1330 Joules
Total Number of Protected AC Outlets	1 to 4 wall plates
Earth leakage Range	Less than 1 milli amp
Operating conditions	Indoor / AC Mains
Operating Temperatures	- 10C/+60C
Protection Modes (Protects on all 3 conductors)	Active/Neutral

THORDRM95	
Thor	THORDRM95
Thor Smart Series DIN rail mount hard wired . Filtration and Surge Protection (20 amps) (DRM95-20A)	
<b>Specifications</b>	
Supply Voltage	240/Vac 50/Hz
Maximum Current Rating	20amps/4800 W (Va)
Clamping Voltage	275Vac

Specifications	
Reaction Time	Less than 1 Nano Sec
Maximum Transient Spike Impulse Current (AMPS)	49,000 amps
Maximum Energy Dissipation (Joules)	1330 Joules
Earth leakage Range	Less than 1 milli amp
Operating conditions	Indoor / AC Mains
Operating Temperatures	- 10C/+60C
Protection Modes on all 3 conductors	Active/Neutral/Earth

THORDRM95	
Thor	THORDRM9530A
DRM95-30A Thor Hard Wired AC Mains Filter + Surge Protection Isolation Module (30 amps). DIN Rail Mountable	
<b>Specifications</b>	
Product Dimensions	105mm(W) x 96mm(H) x 60mm(D)
Supply voltage	240/V AC 50Hz
Maximum current rating	30amps/7200 W (VA)
Clamping Voltage	275VAC
Reaction speed	less than 1 nanosecond
Maximum transient spike impulse current (Amps)	76,000 amps
Maximum Energy Dissipation (Joules)	2320 Joules
Earth Leakage Range	Less than 1 milli amp
Operating Conditions	Indoor/AC Mains
Operating Temperatures	-10C/+60C
Protection Modes	on all 3 conductors Active/ Neutral/Earth
Enclosure	Wide din rail 105mm

THORDRM95	
Thor	THORHLVD20A
THOR HLVD20A DIN Rail mount High/Low voltave protection 20A (190v-270v) Adjustable delay.	
<b>Specifications</b>	
Product Dimensions	70mm (L) x 90mm (H) x 60mm (W)
Supply voltage	240/V AC 50Hz
Maximum current rating	20amps/4800 W (VA)
detection Voltage	190V to 270V
Reaction speed	800 m/secs
LED combination	Green = Ok, Orange = Delay mode
LED combination	Red (slow flash) = High Voltage detected, RED (fast flash) = Low Voltage detected
Reset Delay override	(push button on front)
Operating Temperature	-10C/+60C

THORRM10	
Thor	THORRM10
Thor 19" 3RU Rack mount bracket for A12F, A12BF, B12R, B8F boards. Powder coated. (RM10)	


Power Conditioner	
Thor	
OUTPSPS10	
Thor	OUTPSPS10
Thor PS10 Power Station Pure Unpolluted 240V. Sine Wave 24/7 with A12 Eight Way Filter Board	
<b>Specifications</b>	
Supply Voltage	240/Vac 50Hz
Maximum Current Rating	10amps/2400 W (Va)
Wave Form	Pure Sine Wave
Operating Voltage	180v - 260v
Safety Approval No.	RCM 5287
Double Filtration and Protection Management	A12 Smart Board included

THORPS10	
Thor	THORPS10
Thor power station with A12 8wy power board - (6 year warranty with \$500,000 connected equipment warranty)	

THOR PS20 Smart Power Station	
Thor	THORPS20
THOR PS20 Smart Power Station	
<b>Specifications</b>	
Product Dimensions	436mm x 195mm x 380mm
Supply voltage	240/V AC 50Hz
Maximum current rating	20amps/4800 W (VA)
Wave Form	Pure Sine Wave
Operating Voltage	180V - 260V
Incoming Voltage out of designed range (i.e. 180v - 260v)	if input was 270v then output would be approx 250v to 255v
Incoming Voltage out of designed range (i.e. 180v - 260v)	if input voltage was 140v then output would be approx 230v - 235v

## IR Distribution

### Blustream

IR conversation cable - 3.5mm to 3.5mm	
Blustream	IRCAB
	
Blustream IR conversation cable - 3.5mm to 3.5mm Cable	



## Pro2

**IR Repeater Kit (PRO1183) - Connects IR receivers, power supply and emitters together to inte**

Pro2 IRCIRKIT



Pro.2 IR Repeater Kit (PRO1183) - Connects IR receivers, power supply and emitters together to interface the IR system to the audio/video components

**PRO1142 dual emitter. Control two devices from one output on your IR distribution module**

Pro2 PRO1142



PRO1142 dual emitter. Control two devices from one output on your IR distribution module

**IR Over Coax System**

Pro2 PRO1188A



Pro2 IR Over Coax System allows IR signals to be inserted onto a coax cable in one location and extracted from coax on another location

**IR Over Coax Spare Receiver**

Pro2 PRO1188AS



Pro2 IR Over Coax Spare Receiver

## Resilinx

**Cat5e IR Distribution Hub. IR Distribution up to 7 Targets in Star-wired configuration**

Resilinx RLIR170



Resi-Linx Cat5e IR Distribution Hub. IR Distribution up to 7 Targets in Star-wired configuration

### Specifications

Width	140mm
Height	50mm
Depth	35mm
Connections	8 x IDC terminators, 8 x RJ45 sockets
Mounting Depth	30mm
Data performance Spec	Cat5e

**Foxtel Approved Compact IR Distribution Module for use with RL-IR505**

Resilinx RLIR305



Resi-Linx Foxtel Approved Compact IR Distribution Module for use with RL-IR505 (Receiver Module and Flat Target), RLIR700 (single) or RL-IR800 (double) Emitters

### Specifications

Frequency Range	20 kHz - 200 kHz
Power input	12V DC 500mA Switch Mode
Cable requirement	UTP cable
Max. Cable length	Up to 60 metres
Max. Targets pr system	Up to 7 Targets
Size	70 x 40 x 23mm
Power input	110 - 240V AC
Power output	12V DC - 500mA
Connection	Power Out: 1.8m length with Female - 2.1mm minijack

**Foxtel Approved IR target and Receiver Module includes Flat IR Target**

Resilinx RLIR505



Resi-Linx Foxtel Approved IR target and Receiver Module includes Flat IR Target

### Specifications

Connections	2 x RJ45 sockets, 1 x IR emitter, 1 x IR line out
Maximum cable length	Up to 60m
Included cable lengths	1.75m
Maximum target reception distance	Up to 10m
Maximum targets per system	Up to 7
Cable requirement	UTP cable

**Infrared Box & Flat Target for Coax IR System Foxtel Approved**

Resilinx RLRF210



Resi-Linx Infrared Box & Flat Target for Coax IR System Foxtel Approved

**RF Video Distribution Unit with IR Control**

Resilinx RLRF3802



Resi-Linx RF Video Distribution Unit with IR Control. Active, Low Loss Combiner and Splitter with 3 Inputs and 8 Outputs

### Specifications

Length	135mm
Width	69mm
Weight	405g
Depth	22mm
Output connections	8
Input connections	3
Power input	110-240V AC
Power output	12V DC - 1.5A switch mode
Power output connection	1.8m length with F-2.1mm jack
Power requirement	12V DC power supply

Specifications	
Output Frequency Pass	30KHz to 850KHz
Gain/loss	ANT+2dB/ Modulator+3dB
Output run distance	60M
Isolation(Modulators inputs to ANT)	-80dB

## SignalMAX

Mini IR Repeater Kit (Blister Pack) Includes 1 x flat target, 2 x dual emitters, junction box and p

SignalMAX **IRCIRKITM**



Mini IR Repeater Kit (Blister Pack) Includes 1 x flat target, 2 x dual emitters, junction box and power supply

## Unbranded / Generic

Audio and Video Over CAT5 Receiver with IR

Unbranded / Generic **IRCAVCAT5R**



Audio and Video Over CAT5 Receiver with IR

## IR Distribution Accessories

### Blustream

Single IR Emitter

Blustream **BSIRE1**



Blustream Single IR Emitter

### Blustream Twin IR Emitter

Blustream **BSIRE2**



Blustream Twin IR Emitter

### Blustream IR Receiver

Blustream **BSIRR**



Blustream IR Receiver

## Kramer

C-A35M/IRE

Kramer **KRA35MIRE**

3.5mm Male to IR Emitter Control Cable, 10ft / 3.0m

## Pro2

IR Block Target Dual Band 38/56kHz (PRO1178A)

Pro2 **IRCTARGETWB**



IR Block Target Dual Band 38/56kHz (PRO1178A)

Component/AV + IR Balun. Australian Wall Plates (PRO1254D)

Pro2 **IRCWKITCPV**



Pro.2 Component/AV + IR Balun. Australian Wall Plates (PRO1254D)

### DC & IR Passing 2-way Splitter/Combiner

Pro2 **PROIR2512**



DC & IR Passing 2-way Splitter/Combiner

DC & IR Passing 4-way Splitter/Combiner (2514)

Pro2 **PROIR2514**



DC & IR Passing 4-way Splitter/Combiner

## Resilinx

12V DC 1.5A Electronic Switch Mode Power Supply ( Used PSU412RV instead )

Resilinx **RLACC102**



Resilinx 12V DC 1.5A Electronic Switch Mode Power Supply

IR Target Mount for use with RL-IR505 and RL-RF210 targets

Resilinx **RLACC150**



Resilinx IR Target Mount for use with RL-IR505 and RL-RF210 targets

## Emitter Shields (SOLD IN Pairs ) for use with RL-IR700,800

Resilinx

RLACC160



Resi-Linx Emitter Shields (SOLD IN Pairs ) for use with RL-IR700,800

## Foxtel Approved IR Kit including Double Emitter, Flat Target, Mini Junction Box and Power

Resilinx

RLIR100KIT



Resi-Linx Foxtel Approved IR Kit including Double Emitter, Flat Target, Mini Junction Box and Power Supply

## Single IR Emitter (for use with RL-RF110/120/140/125/145 and IR100/300/400)

Resilinx

RLIR700



Resi-Linx Single IR Emitter (for use with RL-RF110/120/140/125/145 and IR100/300/400)

## Double IR Emitter (for use with RL-RF110/120/140/125/145 and IR100/300/400)

Resilinx

RLIR800



Resi-Linx Double IR Emitter (for use with RL-RF110/120/140/125/145 and IR100/300/400)

## Plasma Friendly IR Target for use with RLRF210

Resilinx

RLRF200



Resi-Linx Plasma Friendly IR Target for use with RLRF210

## Unbranded / Generic

## 12V Switch Mode Power Supply 1.2A for use with IRCJUNBOX

Unbranded / Generic

IRCP12V12A

12V Switch Mode Power Supply 1.2A for use with IRCJUNBOX



# G :: Home Automation

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## Control Systems

### Control System Hardware

#### Aeon Labs

Aeon Labs Z-Wave Key Fob 4 Buttons DSA22ZWAU

Aeon Labs **ZWDSA22ZWAU**



Aeon Labs Z-Wave Key Fob 4 Buttons DSA22ZWAU

Aeon Labs Z-Wave Plug-In-Line Smart Switch Appliance Module (2nd Edition) DSC24-ZWAU

Aeon Labs **ZWDSC24ZWA**



Aeon Labs Z-Wave Plug-In-Line Smart Switch Appliance Module (2nd Edition) DSC24-ZWAU

Z-Wave Garage Door Kit

Aeon Labs **ZWGARDOOR**



Z-Wave Garage Door Kit

#### Fibaro

FGS223ZW

Fibaro **FGS223ZW**



Fibaro Z-Wave Double Switch 2 FGS-223 ZW5 V3.2

Fibaro Z-Wave Motion, Temperature, Light & Humidity MultiSensor (4 in 1 PIR)

Fibaro **ZWDSB05ZWAU**

Fibaro Z-Wave Motion, Temperature, Light & Humidity Multi-Sensor (4 in 1 PIR) SHG-FMS202

#### Specifications

<b>RF Protocol</b>	Gen 5 Z-Wave (Multilevel Command Class)
<b>Operating Voltage</b>	4 AAA 1.5V Alkaline batteries or USB power adapter (optional)
<b>Status indicator</b>	LED light
<b>Mounting</b>	Wall and ceiling
<b>Sensitivity Distance</b>	5-10 meters in 1100-3600 angle
<b>RF Frequency</b>	921.42Mhz - AU/NZ approved RF for Z-wave
<b>Operation Range</b>	Up to 30m when no obstacles
<b>Application</b>	Indoor/Outdoor
<b>Operation temperature</b>	-5-55 degree □
<b>Storage temperature</b>	-10 ~ 80 □
<b>Weight</b>	118g
<b>Housing</b>	IP42 waterproofing ABS 85x85x42 mm

Fibaro Z-Wave Door and Window Sensor Plus Binary Input (White) reed switch

Fibaro **ZWFGK101WH**



Fibaro Z-Wave Door and Window Sensor Plus Binary Input (White)

Fibaro Z-Wave Door and Window Sensor Plus Binary Input (Black)

Fibaro **ZWFGKFDSBLK**



Fibaro Z-Wave Door and Window Sensor Plus Binary Input (Black)

Fibaro Z-Wave Roller Shutter Controller

Fibaro **ZWFGFR221**



Fibaro Z-Wave Roller Shutter Controller

Fibaro Z-Wave In-Wall Double Relay Switch (FGS222)

Fibaro **ZWFGRELAY2**



Fibaro Z-Wave In-Wall Double Relay Switch (FGS222)

Z-Wave In-Wall Relay Switch Max 2500W Switching Lighting Load

Fibaro **ZWFGS211**



Fibaro Z-Wave In-Wall Relay Switch (FGS211)

FGS213

Fibaro **ZWFGS213**

Fibaro Z-Wave In-Wall Single Switch Lighting Load FGS213

## Fibaro Z-Wave Dimmer Bypass 2 FGB-002 v4.2

Fibaro **ZWFIBFG002**



Fibaro Z-Wave Dimmer Bypass 2 FGB-002 v4.2

## Fibaro Z-Wave Dimmer Bypass (FGB001)

Fibaro **ZWFIBFG01**



Fibaro Z-Wave Dimmer Bypass (FGB001)

## Z-Wave In-Wall Dimmer (FGD211)

Fibaro **ZWLIGHTG2**



Fibaro Z-Wave In-Wall Dimmer (FGD211)

## Fibaro Z-Wave Universal Sensor

Fibaro **ZWSHGFG221**



Fibaro Z-Wave Universal Sensor

## Fibaro Z-Wave Motion Sensor (FMS202)

Fibaro **ZWSHGFG202**



Fibaro Z-Wave Motion Sensor (FMS202)

## Lockwood Z-Wave Digital Deadbolt Touch Keypad

Fibaro **ZWSHGSCYL**



Fibaro Lockwood Z-Wave Digital Deadbolt Touch Keypad

## KAS

### KAS ZM1702AU Z-Wave Keypad Lock (Right Lever)

KAS **ZWZM1702AU**



KAS ZM1702AU Z-Wave Keypad Lock (Right Lever)

## Kramer

### KT-107 7 inch Wall & Table Mount PoE Touch Panel

Kramer **KRKT107**



7 inch elegant, portable, high quality touch panel. Single Ethernet cable for connectivity & powering. Resilient 802.11 b/g/n/ac Wi-Fi connectivity. Flexible mounting and security options Android 6.0 OS

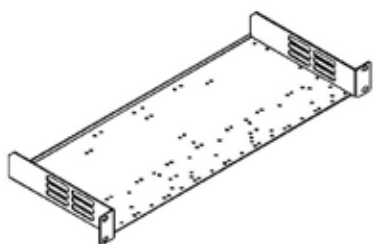
## Specifications

<b>TABLETOP MOUNT PORTS</b>	1 1000/100/10BaseT Ethernet on RJ-45 connector, 1 micro USB 2.0, 2-pin terminal block for DC power supply
<b>ON-WALL MOUNT PORTS</b>	1 1000/100/10BaseT Ethernet on RJ-45 connector, 2-pin terminal block for DC power supply
<b>SPEAKERS</b>	2x1W, 8Ω
<b>MICROPHONE</b>	-42dB ±3dB @1kHz sensitivity
<b>CPU PERFORMANCE</b>	1.6GHz Quad Core, GPU, 2GB RAM, 16GB flash
<b>OS SOFTWARE</b>	Android 6.0.1
<b>MULTI TOUCH</b>	10 points, 2-finger gesture
<b>DISPLAY</b>	7 IPS, 1280x800 RGB pixels, 16:10 aspect ratio, ±85° horizontal/vertical viewing angles, 400cd/m2 brightness, 800:1 contrast ratio
<b>VIDEO DECODING FORMAT</b>	HEVC/H.265, H.264, H.263, MPEG-1/2/4, VC-1, VP6/8, RV8/9/10, AVS, MVC, Sorenson Spark, M-JPEG
<b>VIDEO ENCODING FORMAT</b>	H.264, MVC, VP8, M-JPEG
<b>ETHERNET PORT</b>	10/100/1000Mbps PoE LAN
<b>WIRELESS COMMUNICATION</b>	Wi-Fi 802.11 b/g/n/ac, Bluetooth 4.0 KTâ€¹107RB - 5GHz frequency band range is restricted to up to 5.35GHz
<b>CAMERA</b>	Front, 2M pixels, HD 720p
<b>BATTERY</b>	Rechargeable, supports up to 3 hours of Wi-Fi operation
<b>CONTROLS</b>	Hidden Reset button, power button (ON/OFF), volume up button Touch panel status LED: flashes green during charging, steady green for full charging, red for camera on
<b>POWER INPUTS</b>	Power over Ethernet (complies with IEEE802.3af and IEEE802.3at PoE standards), power supply unit
<b>POWER CONSUMPTION</b>	5V DC, 3A
<b>OPERATING TEMPERATURE</b>	0° to +40( 32° to 104 ℃)
<b>STORAGE TEMPERATURE</b>	-10° to +55( 14° to 131 ℃)
<b>HUMIDITY</b>	10% to 90%, RHL non-condensing
<b>CERTIFICATIONS</b>	CE/CB, FCC, ROHS, REACH
<b>DIMENSIONS</b>	Shipping dimensions: 22.4cm x 13cm x 20.6cm (8.8" x 5.12" x 8.1"), W, D, H Touch panel: 17.8cm x 1.3cm x 13cm (7" x 0.51" x 5.12"), W, D, H Tabletop mount: 18.5cm x 10.7cm x 12.4cm (7.28" x 4.2" x 4.88"), W, D, H Panel mount plate: 14.6cm x 3.7cm x 9.2cm (5.75" x 1.46" x 3.62"), W, D, H On-wall mount unit: 14.6cm x 1.1cm x 9.1cm (5.75" x 0.43" x 3.58"), W, D, H

Specifications	
<b>WEIGHT</b>	Shipping weight: 1.8kg (3.97lbs) approx Touch panel: 0.37kg (0.8lbs) approx
<b>MOUNTING OPTIONS</b>	Table top (with docking station), on-wall (with mount unit and panel mount plate)
<b>INCLUDED ACCESSORIES</b>	Power supply unit adapter (5V, 4.0A AC/DC), tabletop mount, on-wall mount unit, panel mount plate, right angle OTG USB cable, installation screws
<b>OPTIONS</b>	On-wall security lock (KT-107-OWLK)
<b>PRODUCT DIMENSION</b>	17.80cm x 13.00cm x 1.30cm (7.01" x 5.12" x 0.51") W, D, H
<b>PRODUCT WEIGHT</b>	0.4kg (0.8lbs) approx.
<b>SHIPPING DIMENSION</b>	22.40cm x 20.60cm x 13.00cm (8.82" x 8.11" x 5.12") W, D, H
<b>SHIPPING WEIGHT</b>	1.8kg (4.0lbs) approx.

## Kramer 19" Inch Rack Adapter

Kramer **KRRK1**



Kramer 19" Inch Rack Adapter for Selected Desktop & MultiTOOLS RK-1

## KRRKCONPRO

Kramer **KRRKCONPRO**

19" Inch Rack Adapter for VIA Connect PRO, PLUS & GO. 2RU

## SL-240C - Kramer Compact 16" Port Master / Room Controller with PoE

Kramer **KRSL240C**

The SL-240C is a compact master space controller (Kramer Control brain) with PoE. It can operate over Ethernet with control interfaces that include: four bidirectional RS-232, four IR, four GPI/O, and four relays. Size - MegaTOOLS Mount 2 units side-by-side in a 1U rack space with the optional RK-T2B rack adapter

## SL-280 - Kramer 32" Port Master Room Controller

Kramer **KRSL280**

The SL-280 is a master space controller (Kramer Control brain) that can operate over Ethernet with control interfaces that include: eight bidirectional RS-232, eight IR, eight GPI/O, and eight relays. Size - standard 19" (1U). Rack ears included.

## OnControls

### Global Cache (On Controls) WiFi RS232

OnControls **OCWIFI232**



Global Cache (On Controls) WiFi RS232

### Global Cache (On Controls) WiFi Contact Closure

OnControls **OCWIFICONT**



Global Cache (On Controls) WiFi Contact Closure

### Global Cache (On Controls) WiFi IR3

OnControls **OCWIFIIR3**



Global Cache (On Controls) WiFi IR3

### Global Cache (On Controls) Wired RS232

OnControls **OCWIRED232**



Global Cache (On Controls) Wired RS232

## Global Cache (On Controls) Wired Contact Closure

OnControls **OCWIREDCONT**



Global Cache (On Controls) Wired Contact Closure

## Global Cache (On Controls) Wired IR3

OnControls **OCWIREDIR3**



Global Cache (On Controls) Wired IR3

## Global Cache (On Controls) Wired IR3

OnControls **OCWIREDIR3POE**



(On Controls) 3 Wired IR Outputs. Directly Connect to PoE Router/Switch

## RedEye

### RedEye Mini IR Adaptor for iPhone, iPod touch or iPad for full-featured universal remote

RedEye **REDEYEMINI**



RedEye Mini IR Adaptor for iPhone, iPod touch or iPad for full-featured universal remote

## Remotec

Remotec Z-Wave to Split System Aircon IR Controller Extender (ZXT-120)

Remotec

ZWSSAIRCON



Remotec Z-Wave to Split System Aircon IR Controller Extender (ZXT-120)

## Vera

ZWVERAEDGE

Vera

ZWVERAEDGE



ZWVERAPLUS

Vera

ZWVERAPLUS



Vera Plus Home Controller AU

## Motorised Gates

### Centsys

Gate rollers nylon 60mm Black NR4160 (will need two rollers for new Gate) They Are Sold In EA

Centsys

GATROLL60

Gate rollers nylon 60mm Black

90mm x 20mm Gate wheels (with extra clearance) EA

Centsys

GATWHL90B

90mm x 20mm Gate wheels (with extra clearance) EA

NOVA single channel receiver (for garage door)

Centsys

RX1NHV1433

NOVA single channel receiver (for garage door)

NOVA dual channel receiver (for garage door).

Centsys

RX2NHV1433



NOVA dual channel receiver (for garage door)

## Components

### Centsys

Vector cable per metre

Centsys

CABLEVEC69



2 Core x 2mm 4 Core x 0.5mm 25m

Vector cable per metre

ElectricStrike Lock FES10

Centsys

DOORFES10



ElectricStrike Lock FES10

Gear Track -Inc Screw and Washers per 1 M M4 20 X 27 X 1020 6l

Centsys

GATEGEARRK

Gear Track -Inc Screw and Washers per 1 M M4 20 x 27 x 1020 6l

Exit Button and weatherproof enclosure.

Centsys

GATEXITBUT

Exit Button and weatherproof enclosure.

Gate Closing Bracket /Keeper Adjustable (gate stop ADJ)

Centsys

GATKEEPER



Gate Closing Bracket /Keeper Adjustable (gate stop ADJ)

Gate Rollers Nylon Ex Large 150mm Black (ea)

Centsys

GATROLL150

Gate Rollers Nylon Ex Large 150mm Black (ea)

Gate Rollers Nylon Ex Large 250mm Black (ea)

Centsys

GATROLL250

Gate Rollers Nylon Ex Large 250mm Black (ea)

Nylon Roller Bracket

Centsys

GATROLLBRK

Nylon Roller Bracket

Gate Stopper Gold (Opening Side) 135mm High

Centsys

GATSTOP135



Gate Stopper Gold (Opening Side) 135mm High

120mm x 20mm Heavy Duty Gate wheels (ea)

Centsys

GATWHL120

120mm x 20mm Heavy Duty Gate wheels (ea)



## Gooseneck Black Powder Coated

Centsys

GOOSEPOWDER



Gooseneck Black Powder Coated

## PHOTON Wireless Safety Beam V2

Centsys

PHOTONWLBEAM



PHOTON Wireless Safety Beam V2

## Polo power Supply (For Intercom and Remotes for Gates)

Centsys

POLOCH

Polo power Supply (For Intercom and Remotes for Gates)

## 1amp Power Supply

Centsys

Power1amp



1amp Power Supply

## Nova 1 Button TX (Portable Remote & Button)

Centsys

RCUNOVA1



Nova 1 Button TX (Portable Remote & Button)

## Nova 2 Button TX (Portable Remote 2 Buttons)

Centsys

RCUNOVA2



Nova 2 Button TX (Portable Remote 2 Buttons)

## Nova 4 Button TX (Portable Remote & button)

Centsys

RCUNOVA4



Nova 4 Button TX (Portable Remote & Button)

## Nova 4 Ch (quad relay Standalone Nova Remote Receiver)

Centsys

RCUNOVA4RX



Nova 4 Ch (quad relay Standalone Nova Remote Receiver)

## Smartguard Guard A/Knock Shield Stainless

Centsys

SK1BLKGUARD



Smartguard Guard A/Knock Shield Stainless only

## Smartguard Keypad - (Wireless)

Centsys

SK1WLS



Smartguard Keypad - (Wireless)

## Aluminum Gate Track 20mm 2m long

Centsys

TRACK202M

Aluminum Gate Track 20mm 2m long

## Aluminum Gate Track 20mm 3m long

Centsys

TRACK203

Aluminum Gate Track 20mm 3m long

## Aluminum Gate Track 20mm 6m long

Centsys

TRACK206M

Aluminum Gate Track 20mm 6m long

## Vantage Gate Adaptor Kit

Centsys

VANGATBRK

Vantage Gate Adaptor Kit

## Vantage Bolt On Wall Bracket Kit (to suit Single Operation)

Centsys

VANTWALLBKT

Vantage Bolt On Wall Bracket Kit (to suit Single Operation)

## Vector cable 200 metres

Centsys

VCABLE200

Vector cable 200 metres

## Vector cable 25 metres

Centsys

VCABLE25

Vector cable 25 metres

## Vector Mechano Kit

Centsys

VECKMAK00V1



Vector Mechano Kit

## Vector Mechano Kit

Centsys **VECMECKIT**



Vector Mechano Kit

## Vector Tilt Adapter (Conditioned)

Centsys **VECTILTDCN**

Vector Tilt Adapter (Conditioned)

## Vector Tilt Adaptor Pin

Centsys **VECTILPIN**

Vector Tilt Adaptor Pin

## Vector Wall adapter kit

Centsys **VECWAK00V1**

Vector Wall adapter kit

## Vert-X bolt on gate Bracket kit (to suit Single Operation)

Centsys **VERTXGTBKT**



Vert-X bolt on gate Bracket kit (to suit Single Operation)

## Motors

### Centsys

## Centsys D2 Turbo Low Voltage Kit with Bat,RX, 2 x 4 Button Remotes , 1x 240V to 15Vac Weather prooo

Centsys **D2LOW**



Centsys D2 Turbo Low Voltage Kit with Bat,RX, 2 x 4 Button Remotes , 1x 240V to 15Vac Weather proof Power Supply + 30m Cable

## Centsys D2 Turbo motor kit complete with 7.2 amp hour battery power lead transformer charger on-boa

Centsys **D2TURBO**



Centsys D2 Turbo motor kit complete with 7.2 amp hour battery power lead transformer charger on-board receiver 2 x Tx Nova remotes

## Centsys D5evo motor kit complete with 7.2 amp hour battery 1,5m power lead transformer charger onbo

Centsys **D5EVO**



Centsys D5evo motor kit complete with 7.2 amp hour battery 1,5m power lead transformer charger onboard receiver 2 x 4-button Nova remotes

## Centsys Smartguard Keypad (Standalone Access Keypad 1000 users) 3 channel

Centsys **SGWIRED**

Centsys Smartguard Keypad (Standalone Access Keypad 1000 users) 3 channel

## Centsys Vector 400 Swing Gate double kit

Centsys **V400DBLB2TX**

Centsys Vector 400 Swing Gate double kit

## Double Swing Kit-Vantage 400 including Control Panel & RX In Weatherproof Housing With Battery,1.5m

Centsys **VAN400DSW**



Double Swing Kit-Vantage 400 including Control Panel & RX In

Weatherproof Housing With Battery,1.5m power Lead 2x Vantage 400 motor and wall bracket(Bolt on ) 2 x four Button TX

## Centsys Vantage 500 Swing Gate Single kit , Bat,2tx

Centsys **VASSSTD**



Centsys Vantage 500 Swing Gate Single kit , Bat,2tx

# H :: Security

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**Technology :: Support :: Solutions**

Brisbane :: Cairns :: Sunshine Coast :: Newcastle

## Intrusion

SEC100004

SEC100004

FLUSH MOUNT INDOOR SIREN 100-004 Flush Mount Screamer 12V

### Risco

Risco replacement 9v DC plug pack for Agility 3 panel

Risco

1ACA0017

Risco replacement 9v DC plug pack for Agility 3 panel

1CB6029

Risco

1CB6029

Risco Cable , 200MM , SMA FEM.-UFL FEM 1CB6029

1CBTLAU

Risco

1CBTLAU

Risco LightSYS AU Phone Lead 1CBTLAU

1RP022

Risco

1RP022

RISCO Internal Top Hat Screamer

1RP023

Risco

1RP023

External Siren Strobe (tear Drop Design)

1RP024

Risco

1RP024

RISCO Surface Mount Reed Switch (White)

GT06087B

Risco

GT06087B

Risco ShockGard, G2 Vibration Detector

RA300S000A

Risco

RA300S000A

RISCO WatchOut Swivel Bracket

RA350S0000A

Risco

RA350S00A

Risco Beyond DT Bracket (180° Swivel Kit)

RA66

Risco

RA66

Risco ViTRON Swivel Bracket

Ceiling Bracket For Iwise & Digisense Detectors

Risco

RA9000000A



Ceiling Bracket For Iwise & Digisense Detectors

RA91000000A

Risco

RA9100000A

Risco Wall bracket For Iwise & Digisense Detectors

Risco Elegant Keypad Flush Kit, White, Black & Grey surround included

Risco

RAKELFLUSH0A

Risco Elegant Keypad Flush Kit, White, Black & Grey surround included

RG65

Risco

RG65

Risco ViTRON Glass Break Tester

Vitron Plus Acoustic Glass Break Detector Grade 3 (9m/30')

Risco

RG71FM0G30B



Vitron Plus Acoustic Glass Break Detector Grade 3 (9m/30')

RH250LD0000A

Risco

RH250LD0000A

RISCO Smart Home License

LightSYS LCD Keypad

Risco

RISP432KP



Risco LightSYS LCD Keypad

RK150DTG3USC

Risco

RK150DTG3USC

Risco Lunar DT Grade 3 Anti Mask 360 Ceiling Mount Detector (ACT & Greenline) RK150DTG3USC

RK150DTGLUSA

Risco

RK150DTGLUSA

Risco Lunar DT 360 Ceiling Mount Dectector (ACT & greenline) Grade 2

RK2000DPC00B

Risco

RK2000DPC00B

Risco LUNAR PIR 360 Ceiling Mount Dectector Grade 2 RK2000DPC00B

Risco

Risco

RK200DTG3USB

RK200RC0000A

Risco

RK200RC00A

Risco Industrial LUNAR Bi-Directional Infrared Remote Control RK200RC0000A

RK315DT0000C

Risco

RK315DT0000C

RK315DT0000C WATCHOUT DT EXTREME OUTDOOR DETECTOR + SWIVEL GRADE 3 (RELAY & BUS) (15-23M/50-75')

## RK350DT00A

Risco **RK350DT00A**

Risco Beyond DT Wired

## RK410RQ

Risco **RK410RQ**

Risco ZODIAC QUAD PIR DETECTOR WITH SWIVEL CEILING BRACKET, GRADE 2 (12M/40') RK410RQ

## RK412DTPTUSA

Risco **RK412DTPTUSA**

Risco Digisense Dual tech Detector Pet grade 2 (12M/40')

## RK412PT0000A

Risco **RK412PT0000A**

Risco Digisense Dectector PIR PET Grade 2 (12M/40')

## RK500Q0300A

Risco **RK500Q0300A**

Risco Bware Grade 3 Anti Mask (15m/50')

## RK515DTBGL0A

Risco **RK515DTBGL0A**

Risco Bware Bus DT 15mtr G2 Detector, RK515DTBGL0A

## Bware Dual-tech detector, active IR Anti-mask (15m/50')

Risco **RK515DTG300A**



Risco Bware Dual-tech detector, active IR Anti-mask (15m/50')

## Shocktec Plus Digital Shock Detector With Magnet, Grade 2

Risco **RK601SM00B**



Shocktec Plus Digital Shock Detector With Magnet, Grade 2

## RK601SMG300A

Risco **RK601SMG300A**

Risco ShockTec Plus with Magnet G3 Vibration Detector

## RK66S000000B

Risco **RK66S000B**

Risco Seismic with MP & Tester (Relay & BUS)

## RK700PRPW00A

Risco **RK700PRPW00A**

Risco iREX Pus Request to Exit Detector (With Buzzer) White

## Iwise Quad (Dual Pyro) Grade 2 (15m/50')

Risco **RK800Q0AUB**



Iwise Quad (Dual Pyro) Grade 2 (15m/50')

## Iwise Dt Detector Pet Grade 2 (8m/27') & (11m/50')

Risco **RK811DTPTC**



Iwise Dt Detector Pet Grade 2 (8m/27') & (11m/50')

## RK815DTG3USC

Risco **RK815DTG3USC**

RISCO Iwise DT Detector AM (ACT & Greenline) Grade 3 (15M/50')

## RK815DTGLUSB

Risco **RK815DTGLUSB**

RISCO Iwise DT Detector AM (ACT & Greenline) Grade 2 (15M/50')

## RK825DTGLUSB

Risco **RK825DTGLUSB**

RISCO Iwise DT Detector AM (ACT & Greenline) Grade 2 (25M/82')

## RM000K010AUC

Risco **RM000K010AUC**

Risco Control Panel Accessory Kit Includes: Combination Strobe and Siren Top Hat Piezo7Ah 12v DC Battery

## RM432K060AUC

Risco **RM432K060AUC**

LightSYS 2 Digisense PIR Pet Kit Incl. LightSYS 2 Control Panel, LightSYS LCD Keypad , 2 x Digisense Pet PIR Motion Sensors , Battery, Siren, Piezo & Power Supply

## RM432K084AUC

Risco **RM432K084AUC**

Risco Light.Sys kit, 3\*BewBuQ w/Elegant KP

## RM432KW0100A

Risco **RM432KW0100A**



Risco 32 Zone Wireless Receiver Module (RP432EW4000A), with 2 x 4 Button Keyfobs (RP296T4RC00A). For LightSys2 Panel

## RP128B500A

Risco **RP128B500A**

Risco Plastic housing For LightSys 8-Zone Input Expander

## RP128EZ0100A

Risco **RP128EZ0100A**

Risco Single Zone Bus Expander (Enables to Connect Any Detector To RISCO System Bus)

## RP128PSPSEUA

Risco **RP128PSPSEUA**

Risco METAL BOXED ENLOSURE C/W POWER SUPPLY, BELLOUT-PUT + 2 X RELAYS & BATTERY RP128PSPSEUA

## Risco RS232 To USB Converter (for Agility & LightSys)

Risco **RP132EUSB00A**

Risco RS232 To USB Converter (for Agility & LightSys)

## Risco 10Prox Tags,Black (13.56Mhz)

Risco **RP200KT00A**

Risco 10Prox Tags,Black (13.56Mhz)

## Risco 4 x 3A output expander (dry contacts)

Risco **RP296E04000A**

Risco 4 x 3A output expander (dry contacts)

## RWT6G043300A

Risco **RP296E08000A**

Risco 8 xx100MA Output Expander (transistor) RP296E08000A

## Wireless Key Fob

Risco **RP296T4RC00A**

Wireless Key Fob 4 Button, 433Mhz, suit Agility or LightSys

## RP432A050AUC

Risco **RP432A050AUC**

Risco LightSYS 2 Zodiac Quad PIR Kit RP432A050AUC

## LightSYS 2 Control Panel

Risco **RP432A081AUC**



LightSYS 2 Control Panel LightSYS LCD Keypad 2 x iWave Quad

Motion Sensors Battery, Siren, Piezo & Power Supply

## LightSYS 2 Control Panel

Risco **RP432A084AUC**



Changeover kit contains LightSYS 2 Control Panel LCD Keypad

## LightSys2 Elegant Keypad

Risco **RP432A086AUC**

Risco LightSys 2 Control Panel Includes Elegant Keypad ,White With prox & 2 tags

## LightSys2 Elegant Keypad

Risco **RP432A08AUC**



Risco LightSys2 Elegant Keypad

## Risco LightSYS2 Hydri Wired/Wireless Kit

Risco **RP432A1W0A**

Risco LightSYS2 Hybrid Wired/Wireless Kit (2 x iWave 2 Way Wireless PET PIR Sensors, 1 x Control panel, 1 x LCD keypad, 1 x 2 way Wireless Receiver, 2 x Wireless 4 Button Key-fobs, Battery, Siren, Piezo & Power supply)

## RP432B000B

Risco **RP432B000B**

RISCO LightSYS panel Polycarbonate Box Only

## Wireless Receiver, 433mhz, 32 Zones With 2 Outputs

Risco **RP432EW40A**



Wireless Receiver, 433mhz, 32 Zones With 2 Outputs

## 8 Zone Input Expander

Risco **RP432EZ80A**



8 Zone Input Expander

## Plug In 3g Module

Risco **RP432G300A**

Plug In 3g Module

## RP432KP0200A

Risco **RP432KP020A**

Risco Panda Wired Keypad

## RP432KPP200A

Risco **RP432KPP200A**

Risco Panda Wired Keypad c/w PROX + 2 x Tags 1

## RP432P000AUC

Risco **RP432P0AUC**

RISCO LightSYS panel Polycarbonate Box, Main PCB Resistor pack & power Supply

## Vu Point In-Line 14.4 V DC 1.5Ah Power Supply

Risco **RP432PS10A**



Vu Point In-Line 14.4 V DC 1.5Ah Power Supply

## RP432TMP000A

Risco **RP432TMP000A**

Risco Tamper for LightSYS Housing

## RP512AIPMD0A

Risco **RP512AIPMD0A**

Risco PROSYS PLUS MULTI SOCKET IP MODULE & PSTN MODULE KIT RP512AIPMD0A

## Risco PROSYS PLUS METAL PANEL ENCLOSURE RP512BM2100A

Risco **RP512BM2100A**

Risco PROSYS PLUS METAL PANEL ENCLOSURE RP512BM2100A

## RP512EZ1600A

Risco **RP512EZ1600A**

Risco 16 ZONE EXPANDER PCB ONLY RP512EZ1600A

## RP512G30000A

Risco **RP512G30000A**

Risco PROSYS PLUS 3G MODULE RP512G30000A

## Risco IP Dual Socket Plug In Module For (LIGHTSYS2 ONLY)

Risco **RP512IP0000A**



Risco IP Dual Socket Plug In Module For (LIGHTSYS2 ONLY)

## RP512LZ0000A

Risco **RP512LZ0000A**

RISCO Single Zone License ProSYS Plus (Only sold in orders multiples of 8 or 16)

## Risco PROSYS PLUS MAIN PCB ONLY RP512M00000A

Risco **RP512M00000A**

Risco PROSYS PLUS MAIN PCB ONLY RP512M00000A

## Risco IP Dual Socket Plug In Module For (LIGHTSYS2 ONLY)

Risco **RP512MKITA**

Risco PROSYS PLUS MAIN PCB , METAL Panel Enclosure, Battery & Power Supply RP512MKITA

## RPKELPB0000A Elegant Keypad,(Black)

Risco **RPKELPB00A**



Risco Elegant Keypad,(Black) C/w prox. + 2 x Tags

## Elegant Keypad (White) C/W Prox + 2 X Tags

Risco **RPKELPWTOA**

Elegant Keypad (White) C/W Prox + 2 X Tags

## RS401200000A

Risco **RS4012000A**

Risco Lumin8 Satellite Siren, Blue Strobe & logo Illuminator lamp RS401200000A

## RVCM11P0900A

Risco **RVCM11P0900A**

Risco P2P VUpoint, Cube Indoor Camera, 1.3MP, PoE, SD Slot

## P2p Vupoint Cube Camera, 1.3mp Wired Ip, Wifi, Sd & Audio

Risco **RVCM11W00B**



P2p Vupoint Cube Camera, 1.3mp Wired Ip, Wifi, Sd & Audio

## P2p Vupoint Dome Camera, 1.3 Mp With Wired Ip, Wifi & Sd

Risco **RVCM32W02A**

P2p Vupoint Dome Camera, 1.3 Mp With Wired Ip, Wifi & Sd

## RVCM52P1100A

Risco **RVCM52P1100A**

Risco P2P VU point, Bullet Camera, 2MP, PoE, SD Slot \*Power Supply NOT Included\*

## RVCM52P1300A

Risco **RVCM52P1300A**

Risco P2P VUpoint, Bullet Camera, Motorized 2.8-12mm, 2MP, PoE, SD Slot \*Power Supply NOT Included\*

## P2p Vupoint Outdoor Bullet Camera, 1.3 Mp With Wired Ip, Wifi & Sd

Risco **RVCM52W01B**



P2p Vupoint Outdoor Bullet Camera, 1.3 Mp With Wired Ip, Wifi & Sd

## RVCM72P1200A

Risco **RVCM72P1200A**

Risco P2P VU point Eyeball Camera, 2MP, PoE, c/w SD Card \*Power Supply NOT Included\*

## RVLC1000000A

Risco **RVLC1000000A**

RISCO ONVIF (Third Party Camera License)

## Agility IP & PSTN With PET Camera PIR Kit

Risco **RW132A655C**

Agility IP & PSTN With PET Camera PIR Kit

## Agility 3G With PET Camera PIR Kit

Risco **RW132AD33C**

Agility 3G With PET Camera PIR Kit

## Agility 3 G With Standard PET PIR Kit

Risco **RW132AD44COC**

Risco Agility 3 With Standard Pet PIR Kit Includes Agility Control panel, 2-Way LCD Panel, 2 x 2-Way Wireless PET PIR detectors, 2 x 2-Way 4-button keyfobs, Plug pack

## RW132EUSB00A

Risco **RW132EUSB00A**

Risco Agility /Lightys programming Lead RW132EUSB00A

## RW132EVL000A

Risco **RW132EVL0A**

Risco Listen-In & Speak unit module for Agility & lightSys

## 2-Way WI Input(4)/Output(4) & X10 Expander,

Risco **RW132I040H**



2-Way WI Input(4)/Output(4) & X10 Expander,

## Ip Plug In Module For (Agility3 & Lightsys2)

Risco **RW132IP00A**



Ip Plug In Module For (Agility3 & Lightsys2)

## 4-Button WI Long Range Keyfob, 433mhz, Black

Risco **RW132KF1L00H**

4-Button WI Long Range Keyfob, 433mhz, Black

## Slimline Keypad For Agility & Lightsys, 2-Way Internal WI 433mhz (White)

Risco **RW132KL2P00H**



Slimline Keypad For Agility & Lightsys, 2-Way Internal WI 433mhz (White)

## IRisco Agility 2-Way Wireless Keypad, 433Mhz, with proximity reader

Risco **RW132KPPW30H**

IRisco Agility 2-Way Wireless Keypad, 433Mhz, with proximity reader

## Risco 10Prox Tags,Black (13.56Mhz)

Risco **RW132MD24A**

Risco 10Prox Tags,Black (13.56Mhz)

## Agility 3 IP Panel

Risco **RW132V431COC**

Risco Agility 3 IP Panel

## Risco Agility 3 Panel with 3G Module

Risco **RW132V4D1COC**

Risco Agility 3 Panel with 3G Module

## Risco Agility IP & PSTN with Standard Pet PIR Kit

Risco **RW132A666COC**

Risco Agility IP & PSTN with Standard Pet PIR Kit

## Risco Lumin8 2-Way Wireless Sounder 433Mhz (Outdoor siren, Blue lens)

Risco **RWS401B40A**

Risco Lumin8 2-Way Wireless Sounder 433Mhz (Outdoor siren, Blue lens)

## WI 2-Way Indoor Sounder, 433mhz, Ip44

Risco **RWS42043300A**



WI 2-Way Indoor Sounder, 433mhz, Ip44

## RWT312PR400B

Risco **RWT312PR400B**

Risco Watchout WL PIR Outdoor RWT312PR400B

## Panic Wristband Transmitter (Pendant With Lanyard)

Risco **RWT51P400A**



Panic Wristband Transmitter (Pendant With Lanyard)

## VITRON PLUS ACOUSTIC GLASS BREAK DETECTOR GRADE 3 (9M/30')

Risco **RWT52P43300A**



Risco Panic 2 button

## WI Shock Detector With Contact, 433mhz

Risco **RWT62W433A**

WI Shock Detector With Contact, 433mhz

## RWT6G043300A

Risco **RWT6FW433A**

Risco WL Flood Dectector,433Mhz RWT6FW43300A



## RWT6G043300A

Risco **RWT6G043300A**

Risco Vitron Glass Break WL RWT6G043300A

## WIRELESS TWIN BEAM, 433mhz

Risco **RWT740000H**

WIRELESS TWIN BEAM, 433mhz

## RWX10640000A

Risco **RWX106400A**

Risco 1 And 2 Way WL curtain PIR Detector RWX10640000A

## WI 2-Way Smoke Detector (Heat & Rise & Photoelectric)

Risco **RWX34S433A**

WI 2-Way Smoke Detector (Heat & Rise & Photoelectric)

## Risco 2-Way Multi-Function Wireless Contact

Risco **RWX73F43300A**

Risco 2-Way Multi-Function Wireless Contact  
RWX73F43300A

## Eyewave 2-Way WI Pir Pet Camera, 433 Mhz (12m)

Risco **RWX95CMP400B**



Eyewave 2-Way WI Pir Pet Camera, 433 Mhz (12m)

## IWAVE 2-WAY WL PIR PET DET, 433MHZ (12M) (UPTO 36KG)

Risco **RWX95P43300B**

IWAVE 2-WAY WL PIR PET DET, 433MHZ (12M) (UPTO 36KG)

## Risco PERMACONN KIT/NO SIM CARD

Risco **SIMKITRISCOBYO**

Risco PERMACONN KIT/NO SIM CARD

## Agility 3G With PET Camera PIR Kit

Risco **SIMKITRISCOTEL**

Risco PERMACONN KIT/TELSTRA SIM CARD (REQUIRED FOR ONE PATH MONITORING INTO MS)

## Texcom

### Ricochet Expansion Pack (433)

Texcom **RICEXPPK**



Ricochet Expansion Pack (433)

### Ricochet Wireless Smart Key

Texcom **RICFOB**



Ricochet Wireless Smart Key

### Ricochet WLS Shock

Texcom **RICIMPAQ**



Ricochet WLS Shock

### Ricochet Compact Pet Detector

Texcom **RICPIRPW**



Ricochet Compact Pet Detector

## Ricochet Wireless PIR Quad Detector

Texcom **RICPIRQD**

Ricochet Wireless PIR Quad Detector

## Ricochet Wireless PIR-XT

Texcom **RICPIRXT**



Ricochet Wireless PIR-XT

## Ricochet W/less Receiver 32XP

Texcom **RICREC32**



Ricochet W/less Receiver 32XP

## Ricochet WLS Receiver 8 Zone

Texcom **RICREC8**



Ricochet WLS Receiver 8 Zone

## Ricochet Wireless Reed

Texcom **RICREED**



Ricochet Wireless Reed

## Siren strobe - Odyssey 5E Sounder - Compact

Texcom

SOU05COMP



Texcom siren strobe - Odyssey 5E Sounder - Compact

## Premier Elite COM-IP

Texcom

TEXACCCIP4



Texcom Premier Elite COM-IP (CEJ-0003)

## Premier Compact XT Digital PIR

Texcom

TEXACE0001



Texcom ACE-0001 Premier Compact XT Digital PIR

## GSM unit 3g network

Texcom

TEXGSM3G



Texcom GSM unit 3g network

## Texcom NAS Kit 832(P)

Texcom

TEXNASK832ELITE

Texcom NAS Kit 832(P) LCD 2xQD MSS. 832 panel, LCD Keypad, 3 x Elite QD PIR Dectectors, 7.2AH battery, Plug Pack, Mini Combo Siren Strobe, Piezo Siren

## Kits

Texcom

### Change Over Kit 816

Texcom

TEXKIT816CHANGE



Texcom Change Over Kit 816 1-Premier 816 Control Panel Poly Housing Including 1 x Premier LCD Keypad and 1 x Battery 7.2AH

### Texcom Change Over Kit 832

Texcom

TEXKIT832CHANGE



Texcom Change Over Kit 832 Including 1 x Premier 816 Control Panel Poly Housing, 1 x Premier LCD Keypad and 1 x Battery 7.2AH

### Texcom Change Over Kit 832 (no battery)

Texcom

TEXKIT832CHANGE2



Texcom Change Over Kit 832 1-Premier 832 Control Panel Poly Housing. 1- Premier LCD Keypad ,1- Power Supply (With No Battery)

### Texcom NAS Kit 832 (no detectors)

Texcom

TEXNAS832NO

Texcom NAS Kit 832(P) LCD 2xQD MSS. 832 panel, LCD Keypad, 7.2AH battery, 16V plug pack, Mini combo siren strobe, piezo siren, With NO Detectors

### Texcom NAS Kit 816

Texcom

TEXNASK816

Texcom NAS Kit 816(P)-LCD 2 x CQD MSS. 816 panel, LCD

Keypad, 3 x compact PIR's, 7.2AH battery, 16V pug pack, mini combo siren strobe, piezo siren

## Texcom NAS Kit 832

Texcom

TEXNASK832

Texcom NAS Kit 832(P) LCD 2xQD MSS. 832 panel, LCD Keypad, 7.2AH battery, 16V plug pack, Mini combo siren strobe, piezo siren, 3 x Compact PW PIR Detectors

## Panels

Texcom

### Premier Elite 48 Alarm Panel

Texcom

TEXCPP48



Texcom Premier Elite 48 Alarm Panel

### Premier 816 Control Panel (Poly Box)

Texcom

TEXCPP816



Texcom Premier 816 Control Panel (Poly Box)

### Premier 832 Control Panel (Poly Box)

Texcom

TEXCPP832



Texcom Premier 832 Control Panel (Poly Box)

## Premier Elite 88 Control Panel. 8 Zones expandable to 88 zones

Texcom

TEXCPP88



Texcom Premier Elite 88 Control Panel. 8 Zones expandable to 88 zones

## Remote Expander Premier Series

Texcom

TEXEXP8X



Texcom Remote Expander Premier Series

## Local Plug-on Zone Expander Pr

Texcom

TEXEXP8XE



Texcom Local Plug-on Zone Expander Pr

## Keypads

Texcom

## Diamond White Elite Surface Mount Keypad

Texcom

TEXRKPELITEDW



Texcom Diamond White Elite Surface Mount Keypad

## Premier LCD Keypad (Small Display)

Texcom

TEXRKPLCD



Texcom Premier LCD Keypad (Small Display)

## Premier LCD Large Display K/pa

Texcom

TEXRKPLCDL



Texcom Premier LCD Large Display K/pa

## Internal Detectors

Texcom

## Premier Compact QD PIR. Digital quad element PIR

Texcom

TEXACF0001



Texcom ACF-0001 Premier Compact QD PIR. Digital quad element PIR with unrivaled performance & false alarm immunity

## Premier Compact PW - Digital pet-immune PIR. Animal immunity up to 35 kg

Texcom

TEXACH0001



Texcom ACH-0001 Premier Compact PW - Digital pet-immune PIR. Animal immunity up to 35 kg

## Bkts For Compact IR (SOLD IN PACKETS OF 10) BKT-COMIR

Texcom

TEXBKTCOMIR



Texcom Brackets For Compact IR (10)

## Electric mortice lock/door strike. Interchangeable fail safe/fail secure function.

Texcom

TEXDSSDA10M



Electric mortice lock/door strike. Interchangeable fail safe/fail secure function.

## Impaq Glass Break

Texcom

TEXGBDIMP



Texcom Impaq Glass Break

## Prestige 360 DT PIR

Texcom

TEXPIRAFW1



Texcom Premier 360 Dual Tech PIR

## Mirage pet immune dual tech DT PIR detector

Texcom

TEXPIRMPET06



Texcom Mirage pet immune dual tech DT PIR detector

## PIRPDQ002 Premier Elite QD PIR Detector

Texcom

TEXPIRPDQ002



Texcom PIRPDQ002 Premier Elite QD PIR. Detector

## Premier Elite Dual Tech 10.525Ghz PIR

Texcom

TEXPIRPDT2



Texcom Premier Elite Dual Tech 10.525Ghz PIR

## Genuine 360 Degree Quad element pyro ensures true omni directional pick up

Texcom

TEXPIRRF3006



Texcom Genuine 360 Degree Quad element pyro ensures true omni directional pick up

## Heavy Duty Roller Door Reed Switch - Hardwired

Texcom

TEXRS002



Texcom Heavy Duty Roller Door Reed Switch - Hardwired

## magnetic reed switch white plastic light duty 2-wire

Texcom

TEXRS60W



Texcom magnetic reed switch white plastic light duty 2-wire

## Flush mounted recessed magnetic reed switch white plastic light duty 2-wire 10mm wide

Texcom

TEXRSFM001



Texcom flush mounted recessed magnetic reed switch white plastic light duty 2-wire 10mm wide

## Flush mounted recessed magnetic reed switch white plastic light duty 2-wire 20mm wide

Texcom

TEXRSFM002



Texcom flush mounted recessed magnetic reed switch white plastic light duty 2-wire 20mm wide

## Fire detector - Exodus 4W Optical & Heat Multisensor

Texcom

TEXSDOHF002



Texcom fire detector - Exodus 4W Optical & Heat Multisensor

## Communication Modules

Texcom

### Premier Communicator 2400

Texcom

TEXCOMPREM24



Texcom Premier Communicator 2400

### Comm. IP Model ACC-CIP004 (CEJ-0003)( GOTO TEXACCCIP4)

Texcom

TEXIPMODEL



Texcom Comm. IP Model ACC-CIP004 (CEJ-0001)

### USB com cable. Connect directly from PC to Texcom board for easy programming with Wintex

Texcom

TEXUSBCOM

Texcom USB com cable. Connect directly from PC to Texcom board for easy programming with Wintex

## Accessories

### Brooks

**BROOKS COMPLAINT SMOKE ALARM.**  
F.01U.271.569

Brooks

BSECEIB186P



Brooks Australian Standards Compliant Smoke Alarm

### Risco

**Risco LightSYS Main PCB Only RP432M00000E**

Risco

RP432M00000E

Risco LightSYS Main PCB Only RP432M00000E

**RVCM32P1000A**

Risco

RVCM32P1000A

Risco P2P VUpoint, Dome Camera, 2MP, PoE, SD Slot

### Texcom

**Premier Alarm RX with 2xTX4 - Bus RX Kit Remote Arming / Disarming Kit for Texcom Panels**

Texcom

TEXSHERLOB



Texcom Premier Alarm RX with 2xTX4 - Bus RX Kit Remote Arming / Disarming Kit for Texcom Panels

**Texcom / SHERLO-S4 4 Channel Stand Alone TX (1km LOS)**

Texcom

TEXSHERLS4



Texcom / SHERLO-S4 4 Channel Stand Alone TX (1km LOS)

**Texcom / SHERLO-MB3000P. Mimic Base Code hopping 1.5A P**

Texcom

TEXSHERMB3



Texcom / SHERLO-MB3000P. Mimic Base Code hopping 1.5A P

**Texcom / SHERLO-RPT800 Repeater Unit RPT800**

Texcom

TEXSHERPT8



Texcom / SHERLO-RPT800 Repeater Unit RPT800

**Texcom / SHERLO-PTX1. Pendant Remote 1 Button Code H**

Texcom

TEXSHERPTX1



Texcom / SHERLO-PTX1. Pendant Remote 1 Button Code H

**Texcom / SHERLO-TX1 1 Button Code Hop Keyring remote**

Texcom

TEXSHERTX1



Texcom / SHERLO-TX1 1 Butt Code Hop K/ring remote

**Texcom / SHERLO-TX2. 2 Button Code Hop K/ring remote**

Texcom

TEXSHERTX2



Texcom / SHERLO-TX2. 2 Button Code Hop K/ring remote

**Texcom / SHERLO-TX4. 4 Button Code Hop K/ring remote**

Texcom

TEXSHERTX4



Texcom / SHERLO-TX4. 4 Button Code Hop K/ring remote

**Texcom / SHERLO-TX4-500 500m:4Ch Code Hop receiver**

Texcom

TEXSHERX45



Texcom / SHERLO-TX4-500 500m:4Ch Code Hop receiver

## Texcom / SHERLO-COMRX.V3 LCD Complex RX 2000 User 150m

Texcom

TEXSHERXV3



Texcom / SHERLO-COMRX.V3 LCD Complex RX 2000 User 150m

## Internal piezo siren screamer 110dB

Texcom

TEXSOU003



Texcom internal piezo siren screamer 110dB

## flush mounted internal piezo siren 110dB

Texcom

TEXSOU007



Texcom flush mounted internal piezo siren 110dB

## Mini siren strobe combination combo piezo screamer flashing light

Texcom

TEXSOU008

Texcom Mini siren strobe combination combo piezo screamer flashing light

## Odyssey 5E Sounder-Compact

Texcom

TEXSOU05E



Texcom Odyssey 5E Sounder - Compact

## Unbranded / Generic

Battery, 12V 7.2AH SEALED LEAD ACID

Unbranded / Generic

BSBA006



Battery, 12V 7.2AH SEALED LEAD ACID

## Panic Buttons

Texcom

Emergency Panic Button

Texcom

EPB



Emergency Panic Button

## CCTV

## IP CCTV

## IP Dome Cameras

IP Dome Cameras :: Ubiquiti

UVC G3 IP IR Dome Camera

Ubiquiti

UBIUVCG3D



Ubiquiti UVC G3 IP IR Dome Camera

UVC G3 IP IR Dome Camera

Ubiquiti

UBIUVCG3D5P



Ubiquiti UVC G3 IP IR Dome Camera

IP Dome Cameras :: WAMA

WAMA 4MP compact dome IP camera

WAMA

WAMNF4D62S

WAMA 4MP compact dome IP camera, H.265, f=3.6mm, VCA, IR=10m, IP66

WAMA 4MP compact vandal resistant dome IP camera

WAMA

WAMNF4V22S



4MP compact vandal resistant dome IP camera, H.265, f=3.6mm, VCA, IR=20m, IP66

WAMA 4MP vandal resistant dome IP camera

WAMA

WAMNF4V56W

WAMA 4MP vandal resistant dome IP camera, H.265, f=2.8~12mm, VCA, IR=25m, IP66

WAMA NM2B22S

WAMA

WAMNM2B22S

WAMA 2MP Mini Bullet IP camera, H.265, f=3.6mm, VCA, IR=20m, IP66

WAMA 2MP eyeball IP camera H.265

WAMA


WAMNM2D22S


WAMA 2MP eyeball IP camera, H.264, f=3.6mm, IR=15m, IP65


### Specifications

#### CAMERA

Image Sensor	Sony 1/2.9 2.2MP CMOS sensor
Effective Pixel	1920 (H) x 1080 (V)
Frame Rate	25/30fps

Specifications	
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
<b>Audio Compression</b>	-
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	30m
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	3.6mm
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	
<b>Event Type</b>	Video motion detection, video tamper
<b>Action Type</b>	Dial-back, snapshot, email notification
<b>External Alarm Input</b>	0
<b>Motion Detection</b>	4
<b>Relay Output</b>	0
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	0
<b>Audio Output</b>	0
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP65
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V / PoE, 10W
<b>Dimensions (mm)</b>	95 (H) x diam.120 (D)
<b>Weight</b>	675g
<b>Accessories</b>	CC-WL0D3, CC-DP0D3
WAMA 2MP eyeball IP camera 2.8mm	
<b>WAMA</b>	<b>WAMNS2D3228</b>
	

WAMA 2MP eyeball IP camera, H.264, f=2.8mm, IR=30m, IP65	
WAMA 2MP mini dome IP camera	
<b>WAMA</b>	<b>WAMNS2D52S</b>
	
WAMA 2MP mini dome IP camera, H.264, f=3.6mm IP65	
Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.9" 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps-8000kbps)
<b>Audio Compression</b>	-
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	Color: 0.06 lux, B/W: 0.01 lux
<b>IR Range</b>	-
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	3.6mm
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	
<b>Event Type</b>	Video motion detection, video tamper
<b>Action Type</b>	Dial-back, snapshot, email notification
<b>External Alarm Input</b>	0
<b>Motion Detection</b>	4
<b>Relay Output</b>	0
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	0
<b>Audio Output</b>	0

Specifications	
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP65
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 5W
<b>Dimensions (mm)</b>	59 (H) x diam.110 (W)
<b>Weight</b>	391g
2MP Vandal Resistant Dome IP Camera 2.8-12mm	
<b>WAMA</b>	<b>WAMNS2V34W</b>
	
WAMA 2MP Vandal Resistant Dome IP Camera, H.264 f=2.8-12mm, IR=25m, IP67, IK10	
Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.9" 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps-8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	40m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8 - 12mm
<b>S/N Ratio</b>	50db
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Sens-Up</b>	Auto / manual
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording

Specifications	
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 10W
<b>Dimensions (mm)</b>	93 (W) x 96 (H) x 263 (L)
<b>Weight</b>	904g

## WAMA 5MP vandal resistant dome IP camera

WAMA WAMNS5V36W



WAMA 5MP vandal resistant dome IP camera, H.265, f=3.6-10mm motorized P-Iris lens, VCA, IR=25m, IP66

Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.8" 2.1MP STAR-VIS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on), 0.002 lux@ F1.4 (IR off)
<b>IR Range</b>	25m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8-12mm motorized lens
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>True WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones

Specifications	
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Video Analysis</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Environmental Protection</b>	IP67, IK10
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 8W
<b>Dimensions (mm)</b>	130 (H) x diam.149 (D)
<b>Weight</b>	1120g
<b>Accessories</b>	CC-WL0V3, CC-DP0V3

## WAMA 8MP (UHD 4K) Compact Vandal Resistant Dome IP Camera

WAMA WAMNS8V26W



WAMA 8MP (UHD 4K) Compact Vandal Resistant Dome IP Camera H.265, f=2.8-10mm motorized lens, VCA, IR=20m, IP66

Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.8" 2.1MP STAR-VIS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)

Specifications	
<b>Min. Illumination</b>	0.0 lux (IR on), 0.002 lux@ F1.4 (IR off)
<b>IR Range</b>	20m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8-12mm motorized lens
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>True WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Video Analysis</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 8W
<b>Dimensions (mm)</b>	88 (H) x diam.117 (D)
<b>Weight</b>	660g



## WAMA 2MP Starlight Compact Vandal Resistant Dome IP Camera

WAMA

WAMNV2V26W



WAMA 2MP Starlight Compact Vandal Resistant Dome IP Camera  
H.265, f=2.8-12mm motorized lens, VCA, IR=20m, IP66, True WDR

### Specifications

#### CAMERA

Image Sensor	Sony 1/2.8" 2.1MP STAR-VIS sensor
Effective Pixel	1920 (H) x 1080 (V)
Frame Rate	25/30fps
Resolution	Up to 1080p (main stream); up to D1 (sub stream)
Video Compression	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
Audio Compression	G.711A (64kbps)
Open Standard	ONVIF (Profile S)
Min. Illumination	0.0 lux (IR on), 0.002 lux@ F1.4 (IR off)
IR Range	20m (adjustable)
Sync System	Internal
Scan System	Progressive scan
Lens	2.8-12mm motorized lens
Electronic Shutter	Auto / manual (1/30-1/10000) / FLK
S/N Ratio	50db

#### CONTROL

Video Adjustment	Brightness, contrast, sharpness, hue
3D Noise Reduction	Close / low / mid / mid-high / high
True WDR	Close / low / mid / high
Auto Gain Control	Low / mid-low / mid / mid-high / high
Day / Night Mode	Auto / day / night
Privacy Mask	4 zones
Mirror	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
Sens-Up	Auto / manual

#### EVENT

Event Type	External alarm, video motion detection, video tamper, network interruption
Video Analysis	Tripwire, loitering, missing / unattended object detection, crowd monitoring
Action Type	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
External Alarm Input	2
Motion Detection	4
Relay Output	1

#### COMMUNICATION

Network	RJ-45, 100 base-T
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### Specifications

Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
Concurrent Connection	5
Audio Input	1
Audio Output	1
Video Output	1 (CVBS)

#### MISCELLANEOUS

Weather Protection	IP66
Operating Environment	-20 ~ 55degC / 90% relative humidity (no condensation)
Power Supply	DC12V/PoE, 8W
Dimensions (mm)	88 (H) x diam.117 (D)
Weight	660g

## 2MP starlight vandal resistant dome IP camera

WAMA

WAMNV2V36W



WAMA 2MP Starlight vandal resistant dome IP camera, H.265, f=2.8-12mm motorized lens, VCA, IR=25m, IP66, True WDR

### Specifications

#### CAMERA

Image Sensor	Sony 1/2.8" 2.1MP STAR-VIS sensor
Effective Pixel	1920 (H) x 1080 (V)
Frame Rate	25/30fps
Resolution	Up to 1080p (main stream); up to D1 (sub stream)
Video Compression	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
Audio Compression	G.711A (64kbps)
Open Standard	ONVIF (Profile S)
Min. Illumination	0.0 lux (IR on), 0.002 lux@ F1.4 (IR off)
IR Range	25m (adjustable)
Sync System	Internal
Scan System	Progressive scan
Lens	2.8-12mm motorized lens
Electronic Shutter	Auto / manual (1/30-1/10000) / FLK
S/N Ratio	50db

#### CONTROL

Video Adjustment	Brightness, contrast, sharpness, hue
3D Noise Reduction	Close / low / mid / mid-high / high
True WDR	Close / low / mid / high
Auto Gain Control	Low / mid-low / mid / mid-high / high
Day / Night Mode	Auto / day / night
Privacy Mask	4 zones
Mirror	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
Sens-Up	Auto / manual

### Specifications

#### EVENT

Event Type	External alarm, video motion detection, video tamper, network interruption
Video Analysis	Tripwire, loitering, missing / unattended object detection, crowd monitoring
Action Type	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
External Alarm Input	2
Motion Detection	4
Relay Output	1

#### COMMUNICATION

Network	RJ-45, 100 base-T
Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP

Concurrent Connection	5
Audio Input	1
Audio Output	1
Video Output	1 (CVBS)

#### MISCELLANEOUS

Environmental Protection	IP67, IK10
Operating Environment	-20 ~ 55degC / 90% relative humidity (no condensation)
Power Supply	DC12V/PoE, 8W
Dimensions (mm)	130 (H) x diam.149 (D)
Weight	1120g
Accessories	CC-WL0V3, CC-DP0V3

## 10x Indoor PTZ Camera

WAMA

WAMNZ2T210



2MP H.264 10x indoor high speed dome IP camera

### Specifications

#### CAMERA

Image Sensor	1/2.8" 2.0MP CMOS sensor
Effective Pixel	1920 (H) x 1080 (V)
Frame Rate	25/30fps
Resolution	up to 1920 x 1080 (main stream); up to D1 (sub stream)
Video Compression	H.264, M-JPEG (100kbps ~ 6000kbps)
Open Standard	ONVIF (Profile S)
Min. Illumination	0.06 lux (colour), 0.01 lux (B/W)
Lens	10X optical zoom, f=4.7~47mm
Electronic Shutter	1/15 (Max) ; 1/5000 (Min)
S/N Ratio	50db

#### CONTROL

Specifications	
<b>Video Adjustment</b>	Brightness, contrast, sharpness
<b>Noise Reduction</b>	3D NR
<b>Digital WDR</b>	1 - 5 / off
<b>Video Compensation</b>	BLC / HLC / off
<b>Auto Gain Control</b>	Auto / on / off
<b>Day / Night Mode</b>	Auto / day / night
TELEMETRY	
<b>Panning Angle</b>	360deg
<b>Panning Speed</b>	0.1deg-200deg/sec (manual); 240deg/sec (preset)
<b>Tilting Angle</b>	90deg
<b>Preset</b>	255
<b>Patrol</b>	4
<b>Tour</b>	4
<b>Pattern</b>	4
<b>Home Position</b>	Preset / patrol / tour / pattern / off
EVENT	
<b>Event Type</b>	External alarm, video motion detection
<b>Action Type</b>	Dial-back, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	1
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	AC24V, DC24V/PoE (IEEE802.3at), 15W
<b>Dimensions (mm)</b>	129 (H) x diam.149 (D)
<b>Weight</b>	1.5kg

## 10x Outdoor PTZ Camera

WAMA **WAMNZ2T310**



2MP H.264 10x outdoor high speed dome IP camera

Specifications	
CAMERA	
<b>Image Sensor</b>	1/2.8" 2.0MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps

Specifications	
<b>Resolution</b>	up to 1920 x 1080 (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (100kbps ~ 6000kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on); 0.06 lux (colour, IR off), 0.01 lux (B/W, IR off)
<b>IR Range</b>	80m
<b>Lens</b>	10X optical zoom, f=4.7~47mm
<b>Electronic Shutter</b>	1/15 (Max) ; 1/5000 (Min)
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness
<b>Noise Reduction</b>	3D NR
<b>Digital WDR</b>	1 - 5 / off
<b>Video Compensation</b>	BLC / HLC / off
<b>Auto Gain Control</b>	Auto / on / off
<b>Day / Night Mode</b>	Auto / day / night
TELEMETRY	
<b>Panning Angle</b>	360deg
<b>Panning Speed</b>	0.1deg-200deg/sec (manual); 240deg/sec (preset)
<b>Tilting Angle</b>	90deg
<b>Preset</b>	255
<b>Patrol</b>	4
<b>Tour</b>	4
<b>Pattern</b>	4
<b>Home Position</b>	Preset / patrol / tour / pattern / off
EVENT	
<b>Event Type</b>	External alarm, video motion detection
<b>Action Type</b>	Dial-back, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	1
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	AC24V, DC24V/PoE (IEEE802.3at), 25W
<b>Dimensions (mm)</b>	291 (H) x diam.149 (D)
<b>Weight</b>	2.7kg

33x Outdoor PTZ Camera	
WAMA	<b>WAMNZ3T133</b>
3MP H.264 starlight 33x outdoor high speed dome IP camera	
Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.8" 3.2MP STARVIS sensor
<b>Effective Pixel</b>	2048 (H) x 1536 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	up to 2048 x 1536 (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (100kbps ~ 10000kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on); 0.05 lux (colour, IR off), 0.005 lux (B/W, IR off)
<b>IR Range</b>	150m (adaptive illumination angle)
<b>Lens</b>	33x, f=4.3~141.9mm
<b>Electronic Shutter</b>	1/25-1/5000 sec. (normal); 1/5-1/5000 sec. (low light)
	1/5-1/5000 (manual)
<b>S/N Ratio</b>	55db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness
<b>Noise Reduction</b>	3D NR
<b>True WDR</b>	1 - 5 / off
<b>Video Compensation</b>	BLC / HLC / off
<b>Auto Gain Control</b>	Auto / on / off
<b>Day / Night Mode</b>	Auto / day / night
TELEMETRY	
<b>Panning Angle</b>	360deg
<b>Panning Speed</b>	0.1deg-150deg/sec (manual); 200deg/sec (preset)
<b>Tilting Angle</b>	90deg
<b>Preset</b>	255
<b>Patrol</b>	4
<b>Tour</b>	4
<b>Pattern</b>	4
<b>Home Position</b>	Preset / patrol / tour / pattern / off
EVENT	
<b>Event Type</b>	External alarm, video motion detection
<b>Action Type</b>	Dial-back, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T

Specifications	
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	AC24V, DC24V/PoE (IEEE802.3at), 36W (IR on)
<b>Dimensions (mm)</b>	380 (H) x diam.216 (D)
<b>Weight</b>	5.5kg
<b>Accessories</b>	CS-PD0T1, CS-CN0T1, CS-PL0T1, CS-RC0T1

## WAMPZ2T310

WAMA	WAMPZ2T310
WAMA 2MP Starlight High Speed Dome IP Camera, H.265, 12x, VCA, IR=80m, IP66, PoE+	

## IP Turret Cameras

### IP Turret Cameras :: WAMA

## WAMA 4MP eyeball IP camera

WAMA	WAMNF4D3228
WAMA 4MP eyeball IP camera, H.265, f=2.8mm, VCA, IR=30m, IP65	

## WAMA 4MP eyeball IP camera

WAMA	WAMNF4D32S
WAMA 4MP eyeball IP camera, H.265, f=3.6mm, VCA, IR=30m, IP65	


## WAMA 2MP vandal resistant eyeball IP camera

WAMA	WAMNM2D34W
	

WAMA 2MP eyeball IP camera, H.265, manual f=2.8-12mm, IR=25m, IP65

Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.9 2.2MP CMOS sensor

Specifications	
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps - 8000kbps)
<b>Audio Compression</b>	-
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range 30m</b>	Sync System Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8 12mm
<b>Angle of View</b>	Horizontal: 93° ~ 33° Vertical: 49° ~ 19°
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	≤50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, saturation, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night</b>	Auto / color / B/W / external
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90° rotation / 180° rotation / 270° rotation
<b>Slow Shutter</b>	Close / open
EVENT	
<b>Event Type</b>	Video motion detection, video tamper
<b>Action Type</b>	Dial-back, snapshot, email notification
<b>External Alarm Input</b>	0
<b>Motion Detection</b>	4
<b>Relay Output</b>	0
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	0
<b>Audio Output</b>	0
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP65
<b>Operating Environment</b>	-20 ~ 55 / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V, 10W
<b>Dimensions (mm)</b>	95 (H) x Φ120 (D)
<b>Weight</b>	675g
<b>Accessories</b>	CC-WL0D3, CC-DP0D3

WAMA 2MP eyeball IP camera	
WAMA	WAMNS2D32S
	
WAMA 2MP eyeball IP camera, H.264, f=3.6mm, IR=30m, IP65	
Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.9" 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps, 8000kbps)
<b>Audio Compression</b>	-
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	30m
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	3.6mm
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	
<b>Event Type</b>	Video motion detection, video tamper
<b>Action Type</b>	Dial-back, snapshot, email notification
<b>External Alarm Input</b>	0
<b>Motion Detection</b>	4
<b>Relay Output</b>	0
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	0
<b>Audio Output</b>	0
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP65

Specifications	
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V / PoE, 10W
<b>Dimensions (mm)</b>	95 (H) x diam.120 (D)
<b>Weight</b>	675g
<b>Accessories</b>	CC-WL0D3, CC-DP0D3

## WAMA 2MP vandal resistant eyeball IP camera

WAMA **WAMNS2D34W**



WAMA 2MP eyeball IP camera, H.264, manual f=2.8-12mm, IR=25m, IP65

Specifications	
<b>CAMERA</b>	
<b>Image Sensor</b>	Sony 1/2.9" 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps, 8000kbps)
<b>Audio Compression</b>	-
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	30m
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8 - 12mm
<b>Electronic Shutter</b>	Auto / manual (1/30 - 1/10000) / FLK
<b>S/N Ratio</b>	50db

CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual

EVENT	
<b>Event Type</b>	Video motion detection, video tamper
<b>Action Type</b>	Dial-back, snapshot, email notification
<b>External Alarm Input</b>	0
<b>Motion Detection</b>	4
<b>Relay Output</b>	0

COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T

Specifications	
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	0
<b>Audio Output</b>	0
<b>Video Output</b>	1 (CVBS)

MISCELLANEOUS	
<b>Weather Protection</b>	IP65
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V, 10W
<b>Dimensions (mm)</b>	95 (H) x diam.120 (D)
<b>Weight</b>	675g
<b>Accessories</b>	CC-WL0D3, CC-DP0D3

## IP Bullet Cameras

### IP Bullet Cameras :: Ubiquiti

#### Air Cam HD H.264 IP Camera

Ubiquiti **UBIAIRCAM**



Ubiquiti Air Cam HD H.264 IP Camera

#### UVC G3 IP IR Video Camera AF

Ubiquiti **UBIUVCG3AF**



Ubiquiti UVC G3 IP IR Video Camera with 802.3af adaptor

#### UVC G3 IP IR Video Camera AF 5 Pack

Ubiquiti **UBIUVCG3AF5**



Ubiquiti UVC G3 IP IR Video Camera with 802.3af adaptor (5 pack)

## Ubiquiti UVC G3 PRO IP IR Video Camera

Ubiquiti **UBIUVCG3PRO**



Ubiquiti UVC G3 PRO IP IR Video Camera 3x zoom IP67

### IP Bullet Cameras :: WAMA

#### WAMA 4MP mini bullet IP camera

WAMA **WAMNF4B22S**



WAMA 4MP eyeball IP camera, H.265, f=2.8mm, VCA, IR=30m, IP65

Specifications	
<b>CAMERA</b>	
<b>Image Sensor</b>	1/3" 4MP CMOS sensor
<b>Effective Pixel</b>	2688 (H) x 1520 (V)
<b>Frame Rate</b>	25/30fps
<b>Video Output</b>	1.0Vp-p composite video, 75AZA@
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	20m
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	3.6mm
<b>Electronic Shutter</b>	Auto / manual (1/30 - 1/50000) / FLK

CONTROL	
<b>Video Adjustment</b>	Brightness, sharpness
<b>White Balance</b>	ATW / AWC-SET / AWB / indoor / outdoor / manual
<b>Noise Reduction</b>	2D NR / off
<b>Digital WDR</b>	Auto / on / off
<b>Video Compensation</b>	BLC / HLC / off
<b>Auto Gain Control</b>	Auto / on / off
<b>Day / Night Mode</b>	Auto / B/W / color
<b>Orientation</b>	Mirror / upside down / 180deg rotation

MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V, 5W
<b>Dimensions (mm)</b>	66 (W) x 66 (H) x 166 (L)
<b>Weight</b>	400g

## WAMA 4MP bullet IP camera

WAMA **WAMNF4B36W**

WAMA 4MP bullet IP camera, H.265, f=2.8~12mm, VCA, IR=40m, IP66

## 2MP mini bullet IP camera, 3.6mm

WAMA **WAMNS2B22S**



WAMA 2MP mini bullet IP camera, H.264, f=3.6mm, IR=20m, IP66

### Specifications

#### CAMERA

<b>Image Sensor</b>	Sony 1/2.9, 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps-8000kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	20m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	3.6mm
<b>S/N Ratio</b>	50db
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK

#### CONTROL

<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Sens-Up</b>	Auto / manual
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation

#### EVENT

<b>Event Type</b>	Video motion detection, video tamper
<b>Action Type</b>	Dial-back, snapshot, email notification
<b>External Alarm Input</b>	0
<b>Motion Detection</b>	4
<b>Relay Output</b>	0

#### COMMUNICATION

<b>Network</b>	RJ-45, 100 base-T
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### Specifications

<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	0
<b>Audio Output</b>	0
<b>Video Output</b>	0 (CVBS)

#### MISCELLANEOUS

<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 7W
<b>Dimensions (mm)</b>	66 (W) x 66 (H) x 166 (L)
<b>Weight</b>	400g

## 2MP bullet IP camera 2.8-12mm

WAMA **WAMNS2B34W**



WAMA 2MP mini bullet IP camera, H.264, f=3.6mm, IR=20m, IP66

### Specifications

#### CAMERA

<b>Image Sensor</b>	Sony 1/2.9" 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps, 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	40m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8 - 12mm
<b>S/N Ratio</b>	50db
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK

#### CONTROL

<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Sens-Up</b>	Auto / manual
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation

#### EVENT

### Specifications

<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1

#### COMMUNICATION

<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP

<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)

#### MISCELLANEOUS

<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 10W
<b>Dimensions (mm)</b>	93 (W) x 96 (H) x 263 (L)
<b>Weight</b>	904g

## 2MP long-range bullet IP camera 6-22mm

WAMA **WAMNS2B54M**



WAMA 2MP mini bullet IP camera, H.264, f=3.6mm, IR=20m, IP66

### Specifications

#### CAMERA

<b>Image Sensor</b>	Sony 1/2.9" 2.2MP CMOS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.264, M-JPEG (16kbps, 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	80m
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	6-22mm
<b>S/N Ratio</b>	50db
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK

#### CONTROL

<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
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Specifications	
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Sens-Up</b>	Auto / manual
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation

EVENT	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1

COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 8W
<b>Dimensions (mm)</b>	214 (W) x 134(H) x 241 (L)
<b>Weight</b>	1345g

## 5MP bullet IP camera 3.6-10mm

WAMA **WAMNS5B36W**



5MP bullet IP camera, H.265, f=3.6-10mm motorized P-Iris lens, VCA, IR=40m, IP66

Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/1.8" 6.4MP STARVIS sensor
<b>Effective Pixel</b>	3072 (H) x 2048 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 2592 x 1944 (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)

Specifications	
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	40m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	3.6-10mm P-Iris motorized lens
<b>S/N Ratio</b>	50db
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK

CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>Digital WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Sens-Up</b>	Auto / manual
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation

EVENT	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Video Analysis</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1

COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 10W
<b>Dimensions (mm)</b>	93 (W) x 96 (H) x 263 (L)
<b>Weight</b>	904g

## WAMA 8MP (UHD 4K) Compact Vandal Resistant Dome IP Camera

WAMA **WAMNS8B36W**



WAMA 8MP (UHD 4K) Bullet IP Camera H.265, f=2.8-10mm motorized lens, VCA, IR=40m, IP66

## 2MP starlight bullet IP camera

WAMA **WAMNV2B36W**



2MP starlight bullet IP camera, H.265, f=2.8-12mm motorized lens, VCA, IR=40m, IP66

Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/2.8" 2.1MP STARVIS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on), 0.002 lux@F1.4 (IR off)
<b>IR Range</b>	40m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8-12mm motorized lens
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>True WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	

Specifications	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Video Analysis</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Weather Protection</b>	IP66
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 10W
<b>Dimensions (mm)</b>	93 (W) x 96 (H) x 263 (L)
<b>Weight</b>	904g

## 2MP starlight compact bullet IP camera 2.8-8mm

WAMA

WAMNV2B66W



WAMA 2MP Starlight compact bullet IP camera, H.265, f=2.8-8mm motorized lens, VCA, IR=20m, IP66, True WDR

### Specifications

CAMERA	
<b>Image Sensor</b>	Sony 1/2.8" 2.1MP STARVIS sensor
<b>Effective Pixel</b>	1920 (H) x 1080 (V)
<b>Frame Rate</b>	25/30fps
<b>Resolution</b>	Up to 1080p (main stream); up to D1 (sub stream)
<b>Video Compression</b>	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
<b>Audio Compression</b>	G.711A (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on), 0.002 lux@F1.4 (IR off)
<b>IR Range</b>	25m (adjustable)
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	2.8-12mm motorized lens
<b>Electronic Shutter</b>	Auto / manual (1/30-1/10000) / FLK
<b>S/N Ratio</b>	50db

Specifications	
CONTROL	
<b>Video Adjustment</b>	Brightness, contrast, sharpness, hue
<b>3D Noise Reduction</b>	Close / low / mid / mid-high / high
<b>True WDR</b>	Close / low / mid / high
<b>Auto Gain Control</b>	Low / mid-low / mid / mid-high / high
<b>Day / Night Mode</b>	Auto / day / night
<b>Privacy Mask</b>	4 zones
<b>Mirror</b>	Close / horizontal / vertical / 90deg rotation / 180deg rotation / 270deg rotation
<b>Sens-Up</b>	Auto / manual
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video tamper, network interruption
<b>Video Analysis</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	2
<b>Motion Detection</b>	4
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
MISCELLANEOUS	
<b>Environmental Protection</b>	IP67, IK10
<b>Operating Environment</b>	-20 ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 8W
<b>Dimensions (mm)</b>	130 (H) x diam.149 (D)
<b>Weight</b>	1120g
<b>Accessories</b>	CC-WL0V3, CC-DP0V3

## IP Specialty Cameras

### IP Specialty Cameras :: WAMA

#### 12MP fisheye 360 degrees IP camera

WAMA

WAMNS12F22W



12MP fisheye 360 degrees IP camera, H.264, IR=20m	
Specifications	
CAMERA	
<b>Image Sensor</b>	Sony 1/1.7" 12.4MP CMOS sensor
<b>Effective Pixel</b>	4072 (H) x 3046 (V)
<b>Resolution</b>	Original fisheye view: 2048 x 2048; Double panoramic view: 1920 x 1080; Un-warped view: 1920 x 1080
<b>Video Compression</b>	H.264 (128kbps ~ 8192kbps)
<b>Audio Compression</b>	G.711U (64kbps)
<b>Open Standard</b>	ONVIF (Profile S)
<b>Min. Illumination</b>	0.0 lux (IR on)
<b>IR Range</b>	20m
<b>Sync System</b>	Internal
<b>Scan System</b>	Progressive scan
<b>Lens</b>	Horizontal 185deg field angle, 360deg look around
<b>Electronic Shutter</b>	Auto / manual (1/25-1/10000) / FLK
<b>S/N Ratio</b>	50db (AGC off)
CONTROL	
<b>Video Adjustment</b>	Brightness, colour, contrast, sharpness, saturation
<b>3D Noise Reduction</b>	On / off
<b>BLC</b>	On / off
<b>Low Illumination</b>	On / off
<b>Auto Gain Control</b>	Auto / on / off
<b>Day / Night Mode</b>	B/W, colour, auto
<b>White Balance Mode</b>	Auto / white low lamp / color temp / sunshine / dark clouds / flash light / water bottom / customized
<b>Privacy Mask</b>	Yes
<b>Mirror</b>	Horizontal / vertical
EVENT	
<b>Event Type</b>	External alarm, video motion detection
<b>Action Type</b>	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
<b>External Alarm Input</b>	1
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, NTP, UPNP, FTP
<b>Concurrent Connection</b>	5
<b>Audio Input</b>	1
<b>Audio Output</b>	1
<b>Video Output</b>	1 (CVBS)
<b>RS485</b>	1 (half duplex)
MISCELLANEOUS	
<b>Operating Environment</b>	-30 ~ 60degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/PoE, 12W (IR On)
<b>Dimensions (mm)</b>	48 (H) x diam.148 (D)
<b>Weight</b>	1110g

## UHDTV 4K CS-mount box IP camera

WAMA

WAMNS8E300



UHDTV 4K CS-mount box IP camera, H.264

### Specifications

#### CAMERA

Image Sensor	1/3" 4MP CMOS sensor
Effective Pixel	2688 (H) x 1520 (V)
Frame Rate	25/30fps
Video Output	1.0Vp-p composite video, 75AZA©
Min. Illumination	0.0 lux (IR on)
IR Range	20m
Sync System	Internal
Scan System	Progressive scan
Lens	3.6mm
Electronic Shutter	Auto / manual (1/30 - 1/50000) / FLK

#### CONTROL

Video Adjustment	Brightness, sharpness
White Balance	ATW / AWC-SET / AWB / indoor / outdoor / manual
Noise Reduction	2D NR / off
Digital WDR	Auto / on / off
Video Compensation	BLC / HLC / off
Auto Gain Control	Auto / on / off
Orientation	Mirror / upside down / 180deg rotation

#### MISCELLANEOUS

Weather Protection	IP66
Operating Environment	-20 ~ 55degC / 90% relative humidity (no condensation)
Power Supply	DC12V, 5W
Dimensions (mm)	66 (W) x 66 (H) x 166 (L)
Weight	400g

## 2MP starlight box IP camera

WAMA

WAMNV2E200



WAMA 2MP Starlight box IP camera, H.265, 50/60fps, CS-mount, VCA, True WDR  
\*LENS NOT INCLUDED\*

### Specifications

#### CAMERA

Image Sensor	Sony 1/2.8" 2.1MP STAR-VIS sensor
Max. Resolution	1920 (H) x 1080 (V)
Frame Rate	50/60fps

### Specifications

Resolution	Up to 1080p (main stream); up to D1 (sub stream)
Video Compression	H.265, H.264, M-JPEG (16kbps ~ 8000kbps)
Audio Compression	G.711A (64kbps)
Open Standard	ONVIF (Profile S)
Min. Illumination	Color: 0.02 lux; B/W: 0.002 lux
Sync System	Internal
Scan System	Progressive scan
Lens Interface	C / CS
Electronic Shutter	Auto / manual (1/25-1/10000) / Flickerless
S/N Ratio	50db (AGC off)

#### CONTROL

Video Adjustment	Brightness, color, contrast, sharpness
3D Noise Reduction	Close / low / mid / mid-high / high
True WDR	Close / low / mid / high
Auto Gain Control	Low / mid-low / mid / mid-high / high
Day/Night Mode	Auto / day / night / ext
Privacy Mask	4 zones
Mirror	On / off
Sens-up	Auto / manual

#### EVENT

Event Type	External alarm, video motion detection, video tamper, network interruption
Video Analysis	Tripwire, loitering, missing / unattended object detection, crowd monitoring
Action Type	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
External Alarm Input	1
Motion Detection	4
Relay Output	1

#### COMMUNICATION

Network	RJ-45, 100 base-T
Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP, PPPoE, UPNP, SMTP, FTP
Concurrent Connection	4
Audio Input	1
Audio Output	1
Video Output	1 (CVBS)
RS485	1 (half duplex)

#### MISCELLANEOUS

Operating Environment	-20 ~ 55degC / 90% relative humidity (no condensation)
Power Supply	DC12V/PoE, 5W
Dimensions (mm)	71 (W) x 81 (H) x 148 (L), without lens
Weight	405g

## IP NVRs

### IP NVRs :: Ubiquiti

#### Ubiquiti UniFi UVC NVR 2TB

Ubiquiti

UBIUVCNVR



Ubiquiti UniFi UVC NVR managed up to 50- 2TB

### IP NVRs :: Unbranded / Generic

#### 8 CH NVR 1080p IP Network

Unbranded / Generic

CCTNVR22008P

8 CH NVR 1080p IP Network

### IP NVRs :: WAMA

#### 16-ch 5MP NVR

WAMA

WAMNW12016



WAMA 16 Channel NVR, 5MP, H.264, built-in VCA, HDD slot x 2

### Specifications

#### VIDEO

Compatibility	2MP, 3MP and 5MP WAMA IP cameras
Input	16
Resolution	2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576
Output	VGA, HDMI, 1080p@60Hz
Compression	H.264
Bit Rate	16kbps ~ 8000kbps
Display	1/4/6/9/16

#### AUDIO

Input	1CH + IPC audio in
Output	1
Compression	G.711A

#### RECORDING AND PLAYBACK

Max. Frame Rate	25/30fps
HDD	2 x 3.5" SATA



Specifications	
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	16 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Video Analytic Channel</b>	4
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	4 + IPC alarm in
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 1000 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4
MISCELLANEOUS	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V/5A, 35W (excluding HDD)
<b>Dimension (mm)</b>	360 (W) x 242 (D) x 48 (H)
<b>Weight</b>	2 kg (excluding HDD)

8-ch NVR, 5MP, H.264, POE x 8, HDD slot x 2

WAMA

WAMNW12108



WAMA 8 Channel NVR, 5MP, H.264, POE x 8, HDD slot x 2

### Specifications

VIDEO	
<b>Compatibility</b>	2MP, 3MP and 5MP WAMA IP cameras
<b>Input</b>	8 dedicated ports, RJ-45, 100 base-T, PoE (IEEE 802.3af)
<b>Resolution</b>	2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576
<b>Output</b>	VGA, HDMI, 1080p@60Hz
<b>Compression</b>	H.264
<b>Bit Rate</b>	16-8000kbps
<b>Display</b>	1/4/6/8/9

Specifications	
AUDIO	
<b>Input</b>	IPC audio in
<b>Output</b>	-
<b>Compression</b>	G.711A
RECORDING AND PLAYBACK	
<b>Max. Frame Rate</b>	25/30fps
<b>HDD</b>	2 x 3.5" SATA
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	8 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	-
<b>Video Analytic Channel</b>	-
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	2 + IPC alarm in
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4
MISCELLANEOUS	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC48V/3A, 10W (excluding HDD, IPC)
<b>Dimension (mm)</b>	360 (W) x 242 (D) x 48 (H)
<b>Weight</b>	2 kg (excluding HDD)

16-ch 4K NVR

WAMA

WAMNW32016



WAMA 16 Channel NVR, 4K, H.265, HDD slot x 2

### Specifications

VIDEO	
<b>Compatibility</b>	2MP, 3MP, 5MP and 4K WAMA IP cameras
<b>Input</b>	16
<b>Resolution</b>	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576

Specifications	
<b>Output</b>	HDMI (3840x2160@30Hz, 1920x1080@60Hz)
<b>Compression</b>	H.265, H.264
<b>Bit Rate</b>	16kbps ~ 8000kbps
<b>Display</b>	1/4/6/8/9/16
AUDIO	
<b>Input</b>	IPC audio in
<b>Output</b>	1
<b>Compression</b>	G.711A
RECORDING AND PLAYBACK	
<b>Max. Frame Rate</b>	25/30fps
<b>HDD</b>	2 x 3.5" SATA
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	16 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	-
<b>Video Analytic Channel</b>	-
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	4 + IPC alarm in
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4
MISCELLANEOUS	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC12V, 10W (excluding HDD)
<b>Dimension (mm)</b>	360 (W) x 242 (D) x 48 (H)
<b>Weight</b>	2 kg (excluding HDD)

8-ch NVR, 4K, H.265, POE x 8, HDD slot x 2

WAMA

WAMNW32108




WAMA 8 Channel NVR, 4K, H.265, POE x 8, HDD slot x 2

### Specifications

VIDEO	
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Specifications	
<b>Compatibility</b>	2MP, 3MP, 5MP and 4K WAMA IP cameras
<b>Input</b>	8 dedicated ports, RJ-45, 100 base-T, PoE (IEEE 802.3af)
<b>Resolution</b>	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576
<b>Output</b>	HDMI (3840x2160@30Hz, 1920x1080@60Hz)
<b>Compression</b>	H.265, H.264
<b>Bit Rate</b>	16kbps ~ 8000kbps
<b>Display</b>	1/4/6/8/9
AUDIO	
<b>Input</b>	IPC audio in
<b>Output</b>	-
<b>Compression</b>	G.711A
RECORDING AND PLAYBACK	
<b>Max. Frame Rate</b>	25/30fps
<b>HDD</b>	2 x 3.5" SATA
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	8 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	-
<b>Video Analytic Channel</b>	-
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	4 + IPC alarm in
<b>Relay Output</b>	1
COMMUNICATION	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4
MISCELLANEOUS	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC48V/3A, 10W (excluding HDD, IPC)
<b>Dimension (mm)</b>	360 (W) x 242 (D) x 48 (H)
<b>Weight</b>	2.5 kg (excluding HDD)

32-ch Professional 4K NVR	
<b>WAMA</b>	<b>WAMNW38036</b>
	
WAMA 36 Channel Professional NVR, 4K, H.265, built-in VCA, HDD slot x 8, RAID	
Specifications	
VIDEO	
<b>Compatibility</b>	2MP, 3MP, 5MP and 4K WAMA IP cameras
<b>Input</b>	36
<b>Resolution</b>	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576
<b>Output</b>	HDMI, VGA (3840x2160, 1920x1080@60Hz)
<b>Compression</b>	H.265, H.264
<b>Bit Rate</b>	16kbps ~ 8000kbps
<b>Display</b>	1/4/6/8/9/16/20/25/36
AUDIO	
<b>Input</b>	1CH + IPC audio in
<b>Output</b>	1
<b>Compression</b>	G.711A
RECORDING AND PLAYBACK	
<b>Max. Frame Rate</b>	25/30fps
<b>HDD</b>	8 x 3.5" SATA; 1 x e-SATA
<b>RAID Level</b>	0/1/5/6/10
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	16 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Video Analytic Channel</b>	8
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	4 + IPC alarm in
<b>Relay Output</b>	4
COMMUNICATION	
<b>Network</b>	2x, RJ-45, 1000 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4
MISCELLANEOUS	

Specifications	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	A/C 100-240V, 35W (excluding HDD)
<b>Dimension (mm)</b>	483 (W) x 463 (D) x 90 (H)
<b>Weight</b>	7 kg (excluding HDD)
64-ch Professional 4K NVR	
<b>WAMA</b>	<b>WAMNW38064</b>
WAMA 64 Channel Professional NVR, 4K, H.265, built-in VCA, HDD slot x 8, RAID	
Specifications	
VIDEO	
<b>Compatibility</b>	2MP, 3MP, 5MP and 4K WAMA IP cameras
<b>Input</b>	64
<b>Resolution</b>	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576
<b>Output</b>	HDMI, VGA (3840x2160, 1920x1080@60Hz)
<b>Compression</b>	H.265, H.264
<b>Bit Rate</b>	16kbps ~ 8000kbps
<b>Display</b>	1/4/6/8/9/16/20/25/36/49/64
AUDIO	
<b>Input</b>	1CH + IPC audio in
<b>Output</b>	1
<b>Compression</b>	G.711A
RECORDING AND PLAYBACK	
<b>Max. Frame Rate</b>	25/30fps
<b>HDD</b>	8 x 3.5" SATA; 1 x e-SATA
<b>RAID Level</b>	0/1/5/6/10
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	16 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
EVENT	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	Tripwire, loitering, missing / unattended object detection, crowd monitoring
<b>Video Analytic Channel</b>	8
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	4 + IPC alarm in
<b>Relay Output</b>	4
COMMUNICATION	
<b>Network</b>	2x, RJ-45, 1000 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4

Specifications	
<b>MISCELLANEOUS</b>	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	A/C 100-240V, 35W (excluding HDD)
<b>Dimension (mm)</b>	483 (W) x 463 (D) x 90 (H)
<b>Weight</b>	7 kg (excluding HDD)

## Analog HD CCTV

### Unbranded / Generic

#### 1 CH Passive Balun HD Video And Power - Set

Unbranded / Generic **PTR102VPHD**



1 CH Passive Balun HD Video And Power - Set

## AHD Dome Cameras

### AHD Dome Cameras :: WAMA

#### WAMA 4MP mini eyeball AHD camera

WAMA **WAMAF4B22S**

WAMA 4MP mini eyeball AHD camera, f=3.6mm, IR=20m, IP66

## AHD Turret Cameras

### AHD Turret Cameras :: Saitell

#### AHD 1080P Turret Camera

Saitell **STAHC82D**

Saitell AHD 1080P Turret Camera. WDR 3.6mm. 30m IR. (CVI/TVI/Analog switchable)

### AHD Turret Cameras :: WAMA

#### WAMA 4MP mini eyeball AHD camera

WAMA **WAMAF4D22S**

WAMA 4MP mini eyeball AHD camera, f=3.6mm, IR=15m, IP65

#### WAMA 4MP varifocal eyeball AHD camera

WAMA **WAMAF4D34W**

WAMA 4MP eyeball AHD camera, f=2.8~12mm, IR=30m, IP65

#### WAMA 2MP eyeball AHD camera

WAMA **WAMAS2D22S**

WAMA 2MP eyeball AHD camera, f=3.6mm, IR=15m, IP65

#### WAMA 2MP vandal resistant dome AHD camera

WAMA **WAMAS2V54W**

WAMA 2MP vandal resistant dome AHD camera, f=2.8~12mm, IR=25m, IP66

## AHD Bullet Cameras

### AHD Bullet Cameras :: WAMA

#### WAMA 4MP varifocal bullet AHD camera

WAMA **WAMAF4B34W**

WAMA 4MP bullet AHD camera, f=2.8~12mm, IR=40m, IP66

## AHD DVRs

### AHD DVRs :: WAMA

#### 8-ch NVR, 5MP, H.264, POE x 8, HDD slot x 2

WAMA **WAMDW11004**



WAMA 4 Channel AHD DVR, HDD slot x 1

#### Specifications

##### VIDEO

<b>Compatibility</b>	2MP, 3MP and 5MP WAMA IP cameras
<b>Input</b>	8 dedicated ports, RJ-45, 100 base-T, PoE (IEEE 802.3af)
<b>Resolution</b>	2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576
<b>Output</b>	VGA, HDMI, 1080p@60Hz
<b>Compression</b>	H.264
<b>Bit Rate</b>	16-8000kbps

#### Specifications

<b>Display</b>	1/4/6/8/9
<b>AUDIO</b>	
<b>Input</b>	IPC audio in
<b>Output</b>	-
<b>Compression</b>	G.711A
<b>RECORDING AND PLAYBACK</b>	
<b>Max. Frame Rate</b>	25/30fps
<b>HDD</b>	2 x 3.5" SATA
<b>Recording Mode</b>	Manual, event driven, schedule
<b>Simultaneous Playback</b>	8 channels
<b>Searching Mode</b>	Advanced timeline, channel, event, past moment
<b>Playback Mode</b>	Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame
<b>Snapshot</b>	JPEG format
<b>Back-up</b>	Network, USB
<b>EVENT</b>	
<b>Event Type</b>	External alarm, video motion detection, video analytic (with intelligent IP cameras)
<b>Video Analytic Function</b>	-
<b>Video Analytic Channel</b>	-
<b>Action Type</b>	Dial-back, relay switch control, email notification, buzzer
<b>External Alarm Input</b>	2 + IPC alarm in
<b>Relay Output</b>	1
<b>COMMUNICATION</b>	
<b>Network</b>	RJ-45, 100 base-T
<b>Protocol</b>	TCP/IP, HTTP, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP
<b>Concurrent Connection</b>	4
<b>MISCELLANEOUS</b>	
<b>Operating Environment</b>	-10degC ~ 55degC / 90% relative humidity (no condensation)
<b>Power Supply</b>	DC48V/3A, 10W (excluding HDD, IPC)
<b>Dimension (mm)</b>	360 (W) x 242 (D) x 48 (H)
<b>Weight</b>	2 kg (excluding HDD)

#### WAMA 8-ch AHD DVR, HDD slot x 1

WAMA **WAMDW11008**

WAMA 8 Channel AHD DVR, HDD slot x 1

#### WAMA 16-ch AHD DVR

WAMA **WAMDW12016**

WAMA 16 Channel AHD DVR, HDD slot x 2

## AHD Power Supplies

AHD Power Supplies :: Unbranded /  
Generic

2.1mm DC Power Plug Screw Terminating

Unbranded  
/ Generic

PRC08

2.1mm DC Power Plug Screw Terminating

2.1mm Inline DC Socket Female Screw  
Termination

Unbranded  
/ Generic

PRC09



2.1mm Inline DC Socket Female Screw Termination

## CCTV Accessories

Ubiquiti

UVC G3 IR LED Extender

Ubiquiti

UBIUVCG3LED



Ubiquiti UVC G3 IR LED Extender

## Camera Lenses

Camera Lenses :: WAMA

3MP CS-mount lens 5-50mm

WAMA

WAMCCLNTE2



WAMA 3MP CS-mount lens, f=5-50mm DC iris

UHDTV 4K CS-mount lens 12-50mm

WAMA

WAMCCLNTE3



UHDTV 4K CS-mount lens, f=12-50mm DC iris

WAMCCLNWE2

WAMA

WAMCCLNWE2



WAMA 2MP CS-mount lens, f=2.8-12mm DC iris

UHDTV 4K CS-mount lens 4-13mm

WAMA

WAMCCLNWE3



UHDTV 4K CS-mount lens, f=4-13mm DC iris

## CCTV Controllers / Keyboards

CCTV Controllers / Keyboards :: WAMA

IP joystick controller

WAMA

WAMCSKB0K1



IP joystick controller, built-in LCD

## Camera Mounts / Boxes

Camera Mounts / Boxes :: WAMA

Deep base for NS2-D34W, AS2-D34W

WAMA

WAMCCDP0D3



Deep base for NS2-D34W, AS2-D34W

Deep base for NS2-V34W, NV2-V36W, NS5-V36W

WAMA

WAMCCDP0V3



Deep base for NS2-V34W, NV2-V36W, NS5-V36W

WAMCCHU0B1

WAMA

WAMCCHU0B1

WAMA Outdoor Housing Wall Bracket CC-HU0B0B1

WAMCCHU0H1

WAMA

WAMCCHU0H1

WAMA Outdoor Housing CC-HU0H1

## WAMCCHU0H2

WAMA

WAMCCHU0H2

WAMA Outdoor Housing With AC24V Fan & Heater CC-HU0H2

## CCWL0D3 Wall bracket for NS2-D34W, AS2-D34W

WAMA

WAMCCWL0D3



Wall bracket for NS2-D34W, AS2-D34W

## CC-WL0V3 Wall bracket for NS2-V34W, NV2-V36W, NS5-V36W

WAMA

WAMCCWL0V3



Wall bracket for NS2-V34W, NV2-V36W, NS5-V36W

## Corner fixture for NZ3-T133

WAMA

WAMCSCN0T1



Corner fixture for NZ3-T133

## Pendant bracket for NZ3-T133

WAMA

WAMCSPD0T1



Pendant bracket for NZ3-T133

## Pole fixture for NZ3-T133

WAMA

WAMCSPL0T1



Pole fixture for NZ3-T133

## Recess fixture for NZ3-T133

WAMA

WAMCSRC0T1



Recess fixture for NZ3-T133

## Outdoor housing wall bracket

WAMA

WAMKDS610X

Outdoor housing wall bracket

## Outdoor camera housing with AC24V fan & heater

WAMA

WAMKDS806B

Outdoor camera housing with AC24V fan & heater

## Outdoor camera housing

WAMA

WAMKDS806F

Outdoor camera housing

## Access Control

Paxton

### Net2 Proximity ISO cards without Magstripe, Pack of 500

Paxton

ACP692052



Paxton Net2 Proximity ISO cards without Magstripe, Pack of 500

### Net2 Proximity ISO cards without Magstripe, Pack of 500

Paxton

ACP692500



Paxton Net2 Proximity ISO cards without Magstripe, Pack of 10 (AP-P-690-500)

### Proximity Keycard Pack for use with Compact and Switch2 systems

Paxton

ACP830025



Paxton Proximity Keycard Pack for use with Compact and Switch2 systems (25 green cards in a pack)

### USB Desktop Reader

Paxton

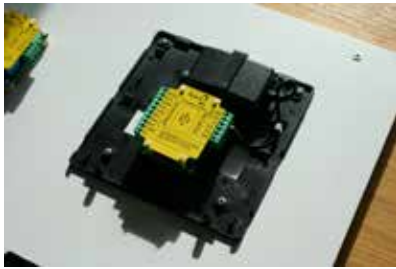
PAX214326



USB Desktop Reader

## Switch2 ACU in Plastic housing

Paxton **PAX242166**



Paxton Switch2 ACU in Plastic housing

## Paxton Proximity P38 Reader (AC-P-333-110)

Paxton **PAX333110**



Paxton Proximity P38 Compact Reader (78x38mm) [AC-P-333-110]

## Net2 Entry Panel Unit

Paxton **PAX337847**

Paxton Net2 Entry - Monitor

## TOUCHLOCK K50 Keypad

Paxton **PAX351110**



Paxton TOUCHLOCK K50 Keypad

### Specifications

<b>Cable Length</b>	5m/16ft
<b>Cable type for extensions</b>	Belden 9540
<b>Maximum Cable extension length</b>	100m/328ft 150m/500ft - USA
<b>Backlit Keypad</b>	Yes
<b>Operating Voltage</b>	10V - 14V DC
<b>Current consumption</b>	180mA
<b>Operating temperature</b>	-35° - +66°
<b>Moisture resistance</b>	IPX7
<b>Vandal Resistance</b>	Medium

## Proximity P50 Reader

Paxton **PAX353110**



Paxton Proximity P50 Reader (Switch2 and Net2 only) [AC-P-353-110]

### Specifications

<b>Electrical</b>	
<b>Operating voltage</b>	10-14 VDC
<b>Current consumption</b>	60-120 mA
<b>Carrier frequency</b>	125 KHz
<b>Clock &amp; data bit period</b>	600
<b>System Specification</b>	
<b>Cable type for extensions</b>	Beldon 9540
<b>Maximum cable extension length</b>	100m
<b>Read range: Keyfob</b>	50 mm
<b>Read range: Token/ISO card</b>	80mm
<b>Read range: Watchprox</b>	35mm
<b>Read range: Net2Air token</b>	1100mm
<b>Additional colored covers available</b>	Yes
<b>Net2Air compatible</b>	Yes
<b>Environment</b>	
<b>Operating Temperature</b>	-35,66°
<b>Moisture resistance</b>	IPX7
<b>Vandal resistance</b>	Medium
<b>Dimensions</b>	
<b>Cable length</b>	5m
<b>Width</b>	50mm
<b>Hieght</b>	100mm
<b>Depth</b>	15mm

## Proximity P50 Compact Reader

Paxton **PAX353210**



Paxton Proximity P50 Compact Reader (100x50mm) [AC-P-353-210]

## Proximity P50 Mifare Reader

Paxton **PAX353467**



Paxton Proximity P50 Mifare Reader (AC-P-353-467)

### Specifications

<b>Electrical</b>	
<b>Operating voltage</b>	10-14 VDC
<b>Current consumption</b>	170 mA
<b>Carrier frequency</b>	125 KHz
<b>Clock &amp; data bit period</b>	570-700
<b>System Specification</b>	
<b>Cable type for extensions</b>	Beldon 9540
<b>Maximum cable extension length</b>	100m
<b>Read range: Keyfob</b>	30 mm
<b>Read range: Token/ISO card</b>	80mm
<b>Read range: Watchprox</b>	20mm
<b>Read range: Net2Air token</b>	850mm
<b>Additional colored covers available</b>	Yes
<b>Net2Air compatible</b>	Yes
<b>Environment</b>	
<b>Operating Temperature</b>	-35,66°
<b>Moisture resistance</b>	IPX7
<b>Vandal resistance</b>	Medium
<b>Dimensions</b>	
<b>Cable length</b>	5m
<b>Width</b>	50mm
<b>Hieght</b>	100mm
<b>Depth</b>	15mm

## Proximity KP50 Keypad

Paxton **PAX355110**



Paxton Proximity KP50 Keypad Reader (AC-P-355-110)

## Exit Button E50

Paxton

PAX356310



Paxton Exit Button E50

## Proximity KP75 keypad

Paxton

PAX375110



Paxton Proximity KP75 Keypad (Keypad Size 143mm H x 75mm W)

## Vandal Resistant Metal Keypad

Paxton

PAX521715



AC-P-521-715 Paxton Vandal Resistant Metal Keypad

## Vandal Res Compact Metal Keypad

Paxton

PAX521836



Paxton Vandal Resistant Compact Metal keypad AC-P-521-836

### Specifications

Cable Length	3m/10ft
Number of PINs	50
Door open time	1 sec - 60 secs
Readers per door	1
Exit button input	yes
Silent operation	yes
Bell button output	yes
Backlit Keypad	yes

### Specifications

Operating Voltage	11V - 24V DC
Current consumption	150mA
12V DC lock output	750mA @ 12V
Operating temperature	-20° - +55°
Moisture resistance	IPX7
Vandal resistance	High

## Proximity P50 Compact Reader

Paxton

PAX568855

Paxton Proximity Vandal Proof Reader [AC-P-568-855]

## Net2 Plus Controller with POE plus Poly Housing

Paxton

PAX682284



Paxton Net2 Plus Controller with POE plus Poly Housing

### Specifications

#### Features

Number of tokens	50,000
Number of PIN's	50,000
PIN length	4-8 digits
Number of codes	50
Code length	4-8 digits
Number of time zones	64
Number of access levels	250
Stored events per ACU	2,728
Data retention during a total power loss	28 days
Hands free compatible	Yes- Requires interface
Clock and data	Yes
26 bit Wiegand	Yes
Readers/Keypads per ACU	4 - check current draw on individual readers
Combined reader port output current	500 mA
Software required	Net2 v4.21 and above

#### Communication

RS485	ACU has an on-board TCP/IP to RS485 converter
TCP/IP Ethernet	Yes
Ethernet network speed	10 Mbit/s - 100 Mbit/s auto MDIX
Ethernet bandwidth requirement	200 kbit/s
DHCP support (fixed IP recommended)	Yes
RS485 network speed	115.2 kbit/s
Reader cable type	Belden 9540
Data cable type	Cat5 or Belden 8723

#### Environment

Operating temperatures - all items	Min 0°C - Max +49°C
Waterproof	No
ACU electrical	

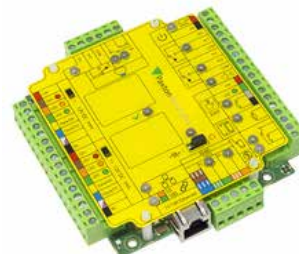
### Specifications

Supply voltage	Min 11V DC - Max 15V DC
Supply current	200 mA
Relay switchable voltage	24V DC
Relay switchable current	4 A
Alarm output current	1 A
PSU electrical	
12V output voltage	Max 13.35V DC
Load output current (PoE+ AT Type 2)	Max 1.5 A
Load output power (PoE+ AT Type 2)	Max 20.4 W
Load output current (AF - AT Type 1)	Max 0.8 A
Load output power (AF - AT Type 1)	Max 10.36 W
Input supply voltage	Min 36V DC - Max 57V DC
Input supply current	Max 0.83 A

## Net2plus 1 door ACU 12V 2A PSU Poly ( Mains Power) unit only

Paxton

PAX682531



Paxton Net2 Plus Single-door Kit (Access Control Unit, 12V Power Supply, Plastic Enclosure) [AC-P-682-531]

## Net2 ProxiSOcard

Paxton

PAX692500



Paxton Net2 ProxiSOcard (N0m/stp). Sold in a packet of 10

## Net2 Proximity Keyfobs. Sold

Paxton

PAX695644

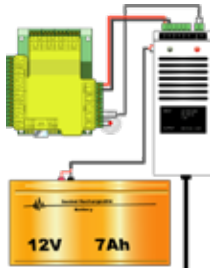


Paxton Net2 Proximity Keyfobs. Sold in a packet of 10

## Paxton Net2 Power supply 12VDC 2Amp

Paxton

PAX857090



Paxton Net2 Power supply 12VDC 2Amp

## Paxton Net2Air bridge-Ethernet PoE Po

Paxton

PAXACP477500



Paxton Net2Air bridge-Ethernet PoE Po

## Paxton Net2Net2 Nano Controller Only (AC-P-654-943)

Paxton

PAXACP654943



Paxton Net2Net2 Nano Controller Only (AC-P-654-943)

## iEVO Control Board

Paxton

PAXMB1PU10K

iEVO Control Board that can be used to control 1 or 2 (same or mix) reader heads. 10k memory = 10,000 finger prints

## iEVO Micro Reader head -Bio RD-MT AC-I-RD-MR-REV4

Paxton

PAXRDMRREV4



iEVO Micro Reader head -Bio RD-MT AC-I-RD-MR-REV4 (Indoor )

## iEVO Ultimate Reader head - Bio

Paxton

PAXRDURREV4



iEVO Ultimate Reader head - Bio

## Unbranded / Generic

### AMGB1-12DSS Armature Plate U-Glass Mount for FEM5700M

Unbranded / Generic

AMGB112DSS



AMGB1-12DSS Armature Plate U-Glass Mount for FEM5700M

### AMLB1 L - Extended Header Bracket for FEM5700

Unbranded / Generic

FEM2613



AMLB1 L - Extended Header Bracket for FEM5700

### FEM5700DM STD Double (FEM10) Dual-Mon Maglock

Unbranded / Generic

FEM5700DM



FEM5700DM STD Double (FEM10) Dual-Mon Maglock

## FEM5700M STD Single (FEM6) Dual-Mon Maglock

Unbranded / Generic

FEM5700M



FEM5700M STD Single (FEM6) Dual-Mon Maglock

## FES10 Multi-Function Electric strike DS-SDA10M

Unbranded / Generic

FES10



FES10 Multi-Function Electric strike DS-SDA10M

## RFID Mifare 1K Grey Keyfob

Unbranded / Generic

PAXACSDAFOB



RFID Mifare 1K Grey Keyfob

## Mag Lock Monitored 275kg HF 12/24 VDC

Unbranded / Generic

PAXML600LE



Mag Lock Monitored 275kg HF 12/24 VDC

## Bracket For 600 on Glass Doors ML-BKT-GG275

Unbranded / Generic

PAXMLBKTGG275

Bracket For 600 on Glass Doors ML-BKT-GG275



## ZL Bracket For 600 Mag Lock

Unbranded / Generic

PAXMLBRK60



ZL Bracket For 600 Mag Lock Aluminium of high tensile strength ML-BKT-ZL-600

## Monitors

### AOC

## AOC 19.5" 4:3 LCD Monitor

AOC

TELE2070SW



AOC 19.5" 4:3 LCD Monitor

## AOC 22" Wide Screen LCD Monitor With VGA BNC and HDMI Inputs

AOC

TELEMON22



AOC 22" Wide Screen LCD Monitor With VGA BNC and HDMI Inputs

## Unbranded / Generic

## TELMON24A2

Unbranded / Generic

TELMON24A2



23.8" Wide Screen Slimline LCD Monitor With VGA and 2x HDMI Inputs AOC

## TELMON24A2

Unbranded / Generic

TELMON24A3

23.8" Wide Screen Slimline LCD Monitor With VGA and 2x HDMI Inputs AOC

## Permaconn 3G & IP Connectivity

### Permacon

## PERMACONN PM45-3G 3G & IP Outstation includes Antenna + Install Kit

Permacon

PM453G



PERMACONN PM45-3G 3G & IP Outstation Includes Antenna + Install Kit

## PERMACONN PM45-4G

Permacon

PM454G

PERMACONN PM45-4G 4G/3G Dual SIM + IP Communicator, includes Antenna + Install Kit

### Specifications

<b>Material</b>	ABS Plastic - white
<b>Dimensions</b>	110mm (h) x 25mm (d) x 80mm (w)
<b>Weight</b>	120g
<b>Operating Environment</b>	0° - 50° @15% to 85% humidity (non-condensing)
<b>Antenna</b>	Triple band 3G & Triple band 4G
<b>Modem</b>	Quectel EC21
<b>Power</b>	8 - 15V DC Terminal (must be powered from approved supply)
<b>Power Consumption</b>	Standby: 0.08A @13.8V DC Transmitting: 0.19A @13.8V DC
<b>Communication Protocol</b>	Ethernet (10/100BASE-T)
<b>IP Address Allocation</b>	DHCP or Static IP
<b>Serial Port</b>	High Speed RS232 interface
<b>Auxiliary Input</b>	3 x 24Hr input - state change detected every second. EOL 3.3K
<b>Auxiliary Output</b>	3 x Open Collector output @ 50mA (max) Function control using Atlas web portal and/or Pocket Secure

### Specifications

<b>Static IP Network Configuration</b>	Ethernet interface using 'IpSetup' program Atlas web portal using GPRS/3G connection
<b>Data Security</b>	AES Encryption
<b>Supported Modulation</b>	BELL-103, ITU-V21/V22/V22B
<b>Approvals</b>	EN 55022:2006/A1:2007, AS/CA S042.1-2011, AS/CA S042.4-2011 AS/NZS 60950.1-2011, AES2201.5:2008, EN 62311:2008, EN 301489-1 EN 301 489-24, EN 301 908-1, EN60950-1

## Power Supplies

### PSG750

PSG750

PowerShield SafeGuard 750VA

### UPPS-D1200VA

UPSD1200

PowerShield Defender 1200VA

## Tactical Technologies

### Tactical Power Supply Dual Channel 12V DC Output (5A)/ Total output current of 6.4A (5A + 1.4A)

### Tactical Technologies

TACPS125A



TACTICAL Dual Channel Power Supply - 12Vdc Output (5A)/ Total output current of 6.4A (5A + 1.4A)

### Tactical Power Supply TTPP24-2A Single 24V AC 2A output

### Tactical Technologies

TACPS242A



TACTICAL TTPP24-2A 24VAC -2A Power Supply

**Tactical Power Supply TPS12-2.5DC-BD10 12V DC 2.5A 10 x 0.25A Integrated high output battery charge**

Tactical Technologies

TACTPS12BD



Tactical Power Supply TPS12-2.5DC-BD10 12V DC 2.5A 10 x 0.25A Integrated high output battery charger

**Tactical Power Supply TPS12-2.5DC 12V DC-2.5a ECO Range**

Tactical Technologies

TACTPS12DC



TACTICAL TPS12-2.5DC 12V DC-2.5a ECO Range Power Supply

**Tactical Power Supply TPS24-3AC 24V AC 3A ECO Range**

Tactical Technologies

TACTPS243A



TACTICAL TPS24-3AC 24V AC-3A ECO Range CCTV Power Supply Fitted

**Tactical Power Supply TPS24-4AC-D4 24V AC-4A (4 x 1A) ECO Range**

Tactical Technologies

TACTPS24D4



TACTICAL TPS24-4AC-D4 24V AC-4A ECO Range CCTV Power Supply Fitted With 4 X 1A

## Unbranded / Generic

**12v DC 1 Amp CCTV Power Adaptor**

Unbranded / Generic

CCTPOW002



12v DC 1 Amp CCTV Power Adaptor

**CCTV Power Supply 12VDC 5A**

Unbranded / Generic

CCTPOW010



CCTV Power Supply 12VDC 5A

**Power Supply Box 12V 10A 12 Cameras**

Unbranded / Generic

CCTPOWP010



Power Supply Box 12V 10A 12 Cameras

**PR-12V5A 12V 5A POWER SUPPLY**

Unbranded / Generic

PR12V5A

PR-12V5A - 12V 5A Power Supply

**PR-12V8A 12V 8A 8CH POWER SUPPLY**

Unbranded / Generic

PR12V8A8CH

PR-12V8A - 12V 8A 8CH Power Supply

## Test Equipment

Saitell

**Handheld CCTV Meter. IP, ONVIF, Analog, PTZ, PoE, Cable Fault Tester.**

Saitell

IPTBOX98



Saitell Handheld CCTV Meter. Supports IP (ONVIF), Analog and HD-CVI. PTZ and PoE Cable Fault Tester

**Handheld CCTV Meter**

Saitell

IPTBOX98HA



Saitell Handheld CCTV Meter. Supports IP (ONVIF), Analog and AHD. PTZ and PoE Cable Fault Tester

**Handheld CCTV Meter**

Saitell

IPTBOXWAM



Saitell Handheld CCTV Meter. Supports IP (ONVIF), Analog and AHD. PTZ and PoE Cable Fault Tester

## EQL Accessories

EQL

**BNC Male Video Balun Slim Case Quick Connect IDC**

EQL EQLE10180C



EQL BNC Male Video Balun Slim Case Quick Connect IDC

**Video Ground Loop Isolator (BNC M) 100mm Tail to BNC F**

EQL EQLE10500



EQL Video Ground Loop Isolator (BNC M) 100mm Tail to BNC F

**400mm BNC Male to BNC Male RG179 Patch Cable**

EQL EQLBNCPATCH



400mm BNC Male to BNC Male RG179 Patch Cable

**Quad BNC Female Video Balun RJ45 Jack**

EQL EQLE10172



EQL Quad BNC Female Video Balun RJ45 Jack

**Quad BNC Female Video Balun Bulkhead RJ45 Jack**

EQL EQLE10172B



EQL Quad BNC Female Video Balun Bulkhead RJ45 Jack

**Dome Male Video Balun Quick Connect IDC**

EQL EQLE10180CD



EQL Dome Male Video Balun Quick Connect IDC

**BNC Male Video Balun Slim Case RJ45 Jack**

EQL EQLE10180R



EQL BNC Male Video Balun Slim Case RJ45 Jack

**BNC Male Video Balun 150mm Tail RJ45 Jack**

EQL EQLE10180T



EQL BNC Male Video Balun 150mm Tail RJ45 Jack

**BNC Male Video Balun with 150mm Tail - Quick Connect IDC**

EQL EQLE10180TC



BNC Male Video Balun with 150mm Tail - Quick Connect IDC

**Video Ground Loop Isolator (BNC F) to BNC M 100mm Tail**

EQL EQLE10500D



EQL Video Ground Loop Isolator (BNC F) to BNC M 100mm Tail

**Power Through Video Balun with 300mm LED Monitor Lead**

EQL EQLE10524



Power Through Video Balun with 300mm LED Monitor Lead

**Transceiver 1 Video Channel 1.5km**

EQL EQLE10600TR



EQL Transceiver 1 Video Channel 1.5km

## 16 Port Versatile CCTV Balun Hub

EQL **EQL10700A**



EQL 16 Port Versatile CCTV Balun Hub

## BNC Female Video Balun Slim Case Quick Connect IDC

EQL **EQLIPC7100**



EQL BNC Female Video Balun Slim Case Quick Connect IDC

## Unbranded / Generic

## Mini Passive BNC Video Balun with 18cm Lead Push Pin terminal

Unbranded / Generic **BVB4201PL**



Mini Passive BNC Video Balun with 18cm Lead Push Pin terminal

## Video Balun ( 1pair)

Unbranded / Generic **CCTBALU001**



Video Balun ( 1pair)

## Video Balun with Lead

Unbranded / Generic **CCTBALU005**



Video Balun with Lead

## Hard Drives

### Seagate

#### HDDSSB1TB

Seagate **HDDSSB2TB**

Seagate Barracuda 2TB 2.5" 7mm 5400RPM 128MB cache hard drive

#### Seagate Seahawk 1TB Security HDD 3.5

Seagate **HDDSSH1TB35**



Seagate Seahawk 1TB Security HDD

#### Seagate Seahawk 2TB Security HDD

Seagate **HDDSSH2TB**

Seagate Seahawk 2TB Security HDD

## Unbranded / Generic

## Toshiba 1TB 2.5 inch USB 3.0 External Portable Hard Disk Drive Black

Unbranded / Generic **HDDTOSH1TB**



Toshiba 1TB 2.5 inch USB 3.0 External Portable Hard Disk Drive

Black

## Western Digital

### WD Purple HDD 1TB INTELLIPOWER 64MB SATAIII (6Gbps)

Western Digital **HDDWD10PUR**



Western Digital Purple HDD WD10PURX 3.5" AV-GP,1TB INTELLIPOWER 64MB SATAIII (6Gbps)

### WD Purple HDD 2TB SATAIII (6Gbps)

Western Digital **HDDWD2PUR**



Western Digital Purple HDD WD20PURX 3.5" AV-GP,2TB INTELLIPOWER 64MB SATAIII (6Gbps)

### WD Purple HDD 3TB SATAIII (6Gbps)

Western Digital **HDDWD30PUR**



Western Digital Purple HDD WD30PURX 3.5" AV-GP,3TB INTELLIPOWER 64MB SATAIII (6Gbps)

#### Specifications

Rotational Speed	IntelliPower
Buffer Size	64 MB
Load/unload Cycles	300,000 minimum
Buffer To Host (Serial ATA)	Buffer To Host (Serial ATA)
Capacity	3 TB
Form Factor	3.5 Inch
User Sectors Per Drive	5,860,533,168
Dimensions	1.028x5.787x4.00 inches
weight	1.40 Pounds
Operating Shock (Read)	65G, 2 ms
Non-operating Shock	250G, 2 ms
Idle Mode	23 dBA
Operating Temperature	-0° to 65°
Power Dissipation	4.40 Watts

## Specifications

<b>Standby</b>	0.60 Watts
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### WD Purple HDD 4TB SATAIII (6Gbps)

Western Digital **HDDWD4PUR**



Western Digital Purple HDD WD40PURX 3.5" AV-GP,4TB INTELLIPOWER 64MB SATAIII (6Gbps)

### WD Purple 6TB SATA III (6Gbps)

Western Digital **HDDWD6PUR**

Western Digital Purple WD40PURX 3.5" AV-GP,6TB intelligpower 64MB ,SATA III,(6Gbps)3Yrs

### WD Purple 8TB SATA III (6Gbps)

Western Digital **HDDWD8PUR**

Western Digital Purple WD40PURX 3.5" AV-GP,8TB intelligpower 64MB ,SATA III,(6Gbps)3Yrs

## Intercoms

### DSPC42

**DSPC42**

SPARE SURFACE MOUNT CAMERA

### FV-DB01M-B2

**FVDB01MB2**



Wifi Low-Powered Battery Video Doorbell Camera, With 2-18650 battery, C-Tick AU Power Adapter

### FVDB02M

**FVDB02M**

Wifi Video Doorbell + Access Control Two In One Camera, C-Tick AU Power Adapter

### FVI6020

**FVI6020**



2 Wire Keypad Kit - 7" Memory Monitor With Stainless Steel Surface AUDIO/VIDEO & Access Keypad Front Door Station

#### Specifications

<b>Power supply</b>	DC 24v
<b>Power consumption</b>	Standby 0.27W; Working 7W(Indoor Station) Standby 0.96W; Working 3.8W(Outdoor Station)
<b>Camera</b>	Color ARS; 420 TV Lines
<b>Unlocking Time</b>	1~99s
<b>Lock Power supply</b>	12Vdc, 280mA(Internal Power)
<b>Number of relay circuits</b>	2(the second lock need external device to support)
<b>Screen</b>	7 Inch digital color TFT
<b>Display Resolutions</b>	800*3(R, G, B) x 480 pixels
<b>Video signal</b>	1Vp-p, 75 $\Omega$ , CCIR standard
<b>Mounting</b>	Surface wall-mount
<b>Material</b>	Aluminum front panel
<b>Color</b>	White
<b>Wiring</b>	2 wires, non-polarity
<b>Dimension</b>	139(H) $\bar{A}$ —212(W) $\bar{A}$ —15(D) mm(FVI-6013MEM) 182(H) $\bar{A}$ —93(W) $\bar{A}$ —44(D) mm(FVI-6016KP) 220(H) $\bar{A}$ —120(W) $\bar{A}$ —50(D) mm(FVI-6016KP-F)

### FVI6030

**FVI6030**



2 Wire Keypad Flush Kit-1 x 7" Memory monitor With Stainless Steel Flush AUDIO/VIDEO & Access keypad Front Door Station

#### Specifications

<b>Power supply</b>	DC 24v
<b>Power consumption</b>	Standby 0.27W; Working 7W(Indoor Station) Standby 0.96W; Working 3.8W(Outdoor Station)
<b>Camera</b>	Color ARS; 420 TV Lines
<b>Unlocking Time</b>	1~99s
<b>Lock Power supply</b>	12Vdc, 280mA(Internal Power)
<b>Number of relay circuits</b>	2(the second lock need external device to support)
<b>Screen</b>	7 Inch digital color TFT

### Specifications

<b>Display Resolutions</b>	800*3(R, G, B) x 480 pixels
<b>Video signal</b>	1Vp-p, 75 $\Omega$ , CCIR standard
<b>Mounting</b>	Surface wall-mount
<b>Material</b>	Aluminum front panel
<b>Color</b>	White
<b>Wiring</b>	2 wires, non-polarity
<b>Dimension</b>	139(H) $\bar{A}$ —212(W) $\bar{A}$ —15(D) mm(FVI-6013MEM) 182(H) $\bar{A}$ —93(W) $\bar{A}$ —44(D) mm(FVI-6016KP) 220(H) $\bar{A}$ —120(W) $\bar{A}$ —50(D) mm(FVI-6016KP-F)

### FVI6040

**FVI6040**



2 Wire Kit- 1 x 7" Memory Monitor With Surface mount Front Door AUDIO/VIDEO Station (NO ACCESS CONTROL)

#### Specifications

<b>Power supply</b>	DC 24v
<b>Power consumption</b>	Standby 0.27W; Working 7W(Indoor Station) Standby 0.8W; Working 3W(Outdoor Station)
<b>Camera</b>	Color CMOS, 520TVL 1/4" camera,1050 wide angle
<b>Unlocking Time</b>	1~99s
<b>Lock Power supply</b>	12Vdc, 280mA(Internal Power)
<b>Number of relay circuits</b>	2(the second lock need external device to support)
<b>Screen</b>	7 Inch digital color TFT
<b>Display Resolutions</b>	800*3(R, G, B) x 480 pixels
<b>Video signal</b>	1Vp-p, 75 $\Omega$ , CCIR standard
<b>Mounting</b>	Surface wall-mount
<b>Material</b>	Zinc alloy panel
<b>Protection</b>	IP54
<b>Wiring</b>	2 wires, non-polarity
<b>Dimension</b>	139(H) $\bar{A}$ —212(W) $\bar{A}$ —15(D) mm(FVI-6013MEM) 176(H) $\bar{A}$ —90(W) $\bar{A}$ —27(D) mm(FVI-6022C)

### FVI7004

**FVI7004**



2 Wire 4 Apartment AUDIO/VIDEO Entry Kit- 1 x External 4

Button Surface Mount AUDIO/VIDEO Door Station + 4 x Internal Intercom Monitor Screens + Power Pack, 1 x 4 Way Controller + 4 x Entry Key-Fobs With Additional Add And Delete Master Key Fobs.

## FVI7008

FVI7008



2 Wire 8 Apartment AUDIO/VIDEO Entry Kit- 1 x External 8 Button Surface Mount AUDIO/VIDEO Door Station + 8 x Internal Intercom Monitor Screens + Power Pack, 2 x 4 way Controller + 8 x Entry Key-Fobs With Additional Add And Delete Master Key Fobs.

## H4SPC5L

H4SPC5L

4 WAY HDMI OVER CAT5 SPLITTER

## Doorbird

### 2-Wire Ethernet PoE Converter

#### Doorbird

DB2WPOE

DoorBird 2-Wire Ethernet PoE Converter

#### Specifications

<b>Dimensions</b>	33 x 25 x 88 mm (H x W x D) 1,30 x 0,98 x 3,46 in (H x W x D)
<b>Power supply</b>	PoE-Switch or PoE-Injector (IEEE 802.3 af/at), not included
<b>Operating conditions</b>	-25° to 55°
<b>Speed</b>	Up to 60 mbit/s at maximum transmission range
<b>Latency</b>	~ 0.01ms
<b>Connectors</b>	1x RJ45, 2x screw terminals
<b>PoE</b>	PoE 802.3 af/at Mode-A and PoE +, up to 30 W
<b>Data line pair</b>	1/2 (+), 3/6 (-)
<b>Range</b>	80 meters / 262 feet with unshielded two-wire cable
<b>Scope of delivery</b>	1x DoorBird 2-Wire Ethernet PoE Converter Sender 1x DoorBird 2-Wire Ethernet PoE Converter Receiver 1x DIN rail
<b>Required accessories</b>	2x Network cable, IEEE 802.3 af/at PoE Switch or PoE Injector, e.g. DoorBird Gigabit PoE Injector, D-Link DGS-1008P or TPLink TL-PoE150S
<b>Approvals</b>	CE, FCC, RoHS, IP50
<b>Weight</b>	140g
<b>EAN</b>	4260423860360

#### Specifications

### Combi horn speaker/siren A001

#### Doorbird

DBA001

Combi horn speaker/siren A001

### BirdGuard B101, White

#### Doorbird

DBB101



BirdGuard B101, White

#### Specifications

<b>Dimensions</b>	2.95in x 6.18in / 7.5cm x 15.7cm (w x h)
<b>Weight</b>	290g
<b>Camera</b>	HDTV
<b>Lens</b>	High-end ultra wide-angle hemispheric lens, 180° horizontal, 90° vertical
<b>Video</b>	VGA to HDTV
<b>Motion Sensor</b>	PIR, up to 26ft / 8m
<b>Audio</b>	Speaker and microphone. Integrated amplifier for connecting an external high-performance passive speaker
<b>Night-vision</b>	12 intelligent Infrared LEDs
<b>Network</b>	Wi-Fi 802.11b/g/n 2.4GHz, Ethernet network
<b>Connectors</b>	power, Ethernet RJ45, external potential-free entrance contact, e.g. motion sensor, external speaker and a potential-free switch, e.g. for garage door, sirens/ alarm etc
<b>Power input</b>	15VDC (power supply 110-240VAC)
<b>Outdoor-ready</b>	Yes, certified IP54
<b>Operating temperature</b>	-20° to +40°
<b>Supported OS</b>	iOS 7+, Android 4+

### IP Video Door Station D101

#### Doorbird

DBD101S



DoorBird IP Video Door Station D101, Polycarbonate housing, White Edition

### IP Video Door Station D201

#### Doorbird

DBD201



DoorBird IP Video Door Station D201

### IP Video Door Station D201B

#### Doorbird

DBD201B



DoorBird IP Video Door Station D201B

### IP Video Door Station D202

#### Doorbird

DBD202

DoorBird IP Video Door Station D202

#### Specifications

<b>Housing</b>	Front panel 3 mm (0,12 in) brushed Stainless steel, galvanized steel sheet flush-mounted housing
<b>Doorbell button</b>	Stainless-steel button with illuminated LED Ring
<b>Nameplate</b>	Illuminated
<b>Mounting type</b>	Flush-mounted
<b>Power supply</b>	15V DC (power 110-240 V AC) or Power over Ethernet (PoE 802.3af Mode-A)
<b>Weight</b>	1.35 kg
<b>Connectors</b>	Power, electric door opener/ strike, door chime, door opener button, network
<b>Weather protection</b>	Yes, IP65
<b>Approvals</b>	CE, IC, FCC, IP65
<b>Dimensions</b>	215 x 125 x 59 mm (H x W x D) 8,46 x 4,92 x 2,32 in (H x W x D)
<b>Operating conditions</b>	-20 to +40° Humidity 10 to 85 % RH(non condensing)
<b>Scope of delivery</b>	Video Door Station, front panel, flushmounted housing, power supply unit(world-wide, 110 - 240 V), DIN-Rail power supply sold separately, screw package,quick start guide, 2 x 1 m (39,37 in)antenna extension cable, 2 x external antenna
<b>EAN</b>	4260423860131
<b>Current System Requirements</b>	

Specifications	
<b>Mobile device</b>	Latest iOS on iPhone/iPad, latest Android on Smartphone/Tablet
<b>Internet</b>	High-Speed landline broadband internet connection, DSL, cable or fiber, min. 500kbs upload bandwidth, no socks or proxy server
<b>Network</b>	802.11 b/g/n 2.4 GHz or Ethernet network, with DHCP
<b>Recommended installation height</b>	Camera lens should be at a min. height of 125 cm (49 in)
<b>Video</b>	
<b>Camera</b>	HDTV 720 p, dynamic (VGA - HDTV)
<b>Lens</b>	High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable
<b>Night-vision</b>	Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs
<b>Audio</b>	
<b>Audio components</b>	Speaker and microphone, echo and noise cancellation
<b>Audio streaming</b>	Two-way duplex
<b>Network</b>	
<b>WiFi</b>	802.11b/g/n 2.4 GHz
<b>Ethernet</b>	Connector, PoE
<b>Motion sensor</b>	
<b>Type</b>	Passive infrared sensor (PIR)
<b>Detection angle</b>	180°
<b>Range</b>	2-8 m (79-315 in) depends on environment
<b>INTEGRATED WIRELESS MODULES</b>	
<b>WiFi</b>	2,4 GHz, external antenna

## IP Video Door Station D202B

Doorbird

DBD202B



DoorBird IP Video Door Station D202B

Specifications	
<b>Housing</b>	Front panel 3 mm (0,12 in) brushed Stainless steel with bronze finish by electroplating, galvanized steel sheet flush-mounted housing
<b>Doorbell button</b>	Stainless-steel button with illuminated LED Ring
<b>Nameplate</b>	Illuminated
<b>Mounting type</b>	Flush-mounted
<b>Power supply</b>	15-24 V DC (power 110-240 V AC) or Power over Ethernet (PoE 802.3af Mode-A)
<b>Weight</b>	1,25 kg

Specifications	
<b>Connectors</b>	Power, electric door opener/strike, door chime, door opener button, network
<b>Weather protection</b>	Yes, IP65
<b>Approvals</b>	CE, IC, FCC, IP65
<b>Dimensions</b>	215 x 125 x 59 mm (H x W x D) 8,46 x 4,92 x 2,32 in (H x W x D)
<b>Operating conditions</b>	-20 to +40° Humidity 10 to 85 % RH (non condensing)
<b>Scope of delivery</b>	Video Door Station, front panel, flush-mounted housing, power supply unit(world-wide, 110 - 240 V), DIN-Rail power supply sold separately, screw package, quick start guide, 2 x 1 m (39,37 in) antenna extension cable, 2 x external antenna
<b>EAN</b>	4260423860186
<b>Current System Requirements</b>	

<b>Mobile device</b>	Latest iOS on iPhone/iPad, latest Android on Smartphone/Tablet
<b>Internet</b>	High-Speed landline broadband internet connection, DSL, cable or fiber, min. 500kbs upload bandwidth, no socks or proxy server
<b>Network</b>	802.11 b/g/n 2.4 GHz or Ethernet network, with DHCP
<b>Recommended installation height</b>	Camera lens should be at a min. height of 125 cm (49 in)
<b>Video</b>	
<b>Camera</b>	HDTV 720 p, dynamic (VGA - HDTV)
<b>Lens</b>	High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable
<b>Nightvision</b>	Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs
<b>Audio</b>	
<b>Audio components</b>	Speaker and microphone, echo and noise cancellation
<b>Audio streaming</b>	Two-way duplex
<b>Network</b>	
<b>WiFi</b>	802.11b/g/n 2.4 GHz
<b>Ethernet</b>	Connector, PoE
<b>Motion sensor</b>	
<b>Type</b>	Passive infrared sensor (PIR)
<b>Detection angle</b>	180°
<b>Range</b>	2-8 m (79-315 in) depends on environment

<b>INTEGRATED WIRELESS MODULES</b>	
<b>WiFi</b>	2,4 GHz, external antenna

## IP Video Door Station D2101V

Doorbird

DBD2101V

DoorBird IP Video Door Station D2101V

Specifications	
<b>GENERAL</b>	

Specifications	
<b>Front panel</b>	Brushed stainless steel, 3 mm (0.12 in)
<b>Mounting housing(backbox)</b>	Stainless steel
<b>Mounting type</b>	Flush-mounted
<b>Call button</b>	Plastic. Engraveable metal cover plate sold separately, see <a href="http://www.doorbird.com/buy">www.doorbird.com/buy</a>
<b>Nameplate</b>	Illuminated
<b>Power supply</b>	15 V DC or Power over Ethernet (PoE 802.3af Mode-A)
<b>Weight</b>	1577 g
<b>Connectors</b>	RJ45, for LAN/PoE, Bi-stable latching relay #1, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener, Bi-stable latching relay #2, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener, Switch relay, max. 1-24 V DC / V AC, 1 ampere, e.g. for conventional door chime, External input (potential-free), for external door opener button, 15 V DC input (+, -)
<b>Weather-proof</b>	Yes, IP65
<b>Approvals</b>	CE, IC, FCC, RoHS, IP65
<b>Dimensions</b>	253 x 131 x 48.75 mm (H x W x D) 9.96 x 5.16 x 1.92 in (H x W x D)
<b>Operating conditions</b>	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non condensing)
<b>Scope of delivery</b>	1 x Main Electrical Unit 1 x Front panel 1 x Mounting housing (backbox) 1 x Power supply unit (mains adaptor) with four country-specific adaptors (110 - 240 V AC to 15 V DC) 1 x RFID key fob 1 x RFID card 1 x Small parts 1 x Installation manual
<b>EAN</b>	4260423860414

<b>CURRENT SYSTEM REQUIREMENTS</b>	
<b>System Requirements</b>	Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server Network: Ethernet Network, with DHCP
<b>Recommended installation height</b>	Camera lens should be at a min. height of 125 cm (49 in)
<b>VIDEO</b>	
<b>Camera</b>	HDTV 720p, dynamic (VGA-HDTV)
<b>LEN's</b>	High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable
<b>Night-vision</b>	Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs (850 nm)
<b>AUDIO</b>	

Specifications	
<b>Audio components</b>	Speaker and microphone, echo and noise cancellation (AEC, ANR)
<b>Audio streaming</b>	Two-way, full duplex
<b>NETWORK</b>	
<b>Ethernet</b>	RJ45 jack, PoE 802.3af Mode-A
<b>MOTION SENSOR</b>	
<b>Type</b>	Active
<b>Detection angle</b>	110°
<b>Range</b>	1 - 10 m (3.3 - 32.9 ft), depends on environment, configurable in 1 m (3.3 ft) steps.
<b>Technology</b>	4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE)
<b>Configuration</b>	Via App, e.g., range (1.10 m / 3.3 - 32.9 ft), Movement direction (coming, leaving, both), Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification), Individual schedules
<b>RFID</b>	
<b>Type</b>	Active Reader Passive Tag (ARPT) system
<b>Standard</b>	ISO/IEC 18000-2:2009 Part 2
<b>Frequency</b>	125 KHz
<b>Range</b>	0 - 3 cm, depends on environment
<b>Antenna</b>	Internal
<b>Configuration</b>	Via app, e.g., Tag (add, delete), Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification), Individual schedules
<b>INTEGRATED WIRELESS MODULES</b>	
<b>RFID</b>	125 KHz
<b>Sensor</b>	26 GHz, can be disabled
<b>IP Video Door Station D2102V</b>	
<b>Doorbird</b>	<b>DBD2102V</b>
DoorBird IP Video Door Station D2102V	
<b>IP Video Door Station D2101V</b>	
<b>Doorbird</b>	<b>DBD21DKV</b>
DoorBird IP Video Door Station D2101V	
<b>Specifications</b>	
<b>I/O</b>	4 USB 3.0, 1 LAN on an RJ-45 connector
<b>GRAPHIC OUTPUTS</b>	1 HDMI, 1 mini DisplayPort, support up to 1080p60 (using the VIA app Multimedia feature) / WUXGA resolution Note: Does not support graphic output to both the HDMI and Mini Display Port simultaneously
<b>AUDIO OUTPUT</b>	3.5mm mini jack for HP/speakers

Specifications	
<b>PROCESSOR</b>	Intel® Braswell CPU, Dual Core 1.04GHz
<b>MAIN MEMORY</b>	2GB, high-speed
<b>STORAGE</b>	EMMC, 32GB
<b>LAN</b>	Gigabit LAN
<b>WIRELESS COMMUNICATION</b>	Intel dual-band wireless 802.11ac - model 3160NGW
<b>AUDIO</b>	Analog or embedded HDMI
<b>POWER SUPPLY</b>	45W power adapter (19V/2.37A)
<b>INPUT VOLTAGE</b>	100V-220V AC, 50/60Hz, auto sensing
<b>INCLUDED ACCESSORIES</b>	Power cord, Kramer mini-DP to VGA adapter, VESA mounting bracket
<b>PRODUCT DIMENSION</b>	
<b>PRODUCT WEIGHT</b>	0.5kg (1.1lbs) approx
<b>SHIPPING DIMENSION</b>	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94") W, D, H
<b>SHIPPING WEIGHT</b>	1.0kg (2.1lbs) approx
<b>Faceplate F101 for DoorBird IP Video Door Station D10x</b>	
<b>Doorbird</b>	<b>DBF101</b>
	
Faceplate F101 for DoorBird IP Video Door Station D10x	
<b>IP I/O Door Controller</b>	
<b>Doorbird</b>	<b>DBIODOORC</b>
DoorBird IP I/O Door Controller (A1081)	
<b>Specifications</b>	
<b>Dimensions</b>	122 x 86 x 32 mm (L x W x H) 4.8 x 3.39 x 1.26 in (L x W x H)
<b>Power supply</b>	15 V DC or power over Ethernet (PoE 802.3af mode A)
<b>Operating conditions</b>	25 to 55°C / -13 to 131°F
<b>Connectors</b>	SMA, RJ45, 12-pin screw terminal for 15 V DC input (+, -) Switch relay 1 (max. 1-24 V DC / V AC, 1 ampere) Switch relay 2 (max. 1-24 V DC / V AC, 1 ampere) Switch relay 3 (max. 1-24 V DC / V AC, 1 ampere) External input 1 (potential-free) External input 2 (potential-free)
<b>WiFi</b>	2.4 GHz, 802.11 b/g/n, external antenna
<b>PoE</b>	IEEE 802.3 af/at (Mode-A)

Specifications	
<b>System requirements</b>	Mobile end device: latest iOS on iPhone/iPad, latest Android on smartphone/tablet Internet: High-speed landline broadband Internet connection, DSL, cable or fiber, no socks or proxy server Network: 802.11 b/g/n 2.4 GHz or Ethernet Network, with DHCP Compatible with all DoorBird IP Video Door Stations.
<b>Scope of delivery</b>	1 x I/O Door Controller 1 x Network Cable 1 x Power supply unit (mains adaptor) with four country-specific adaptors (110 - 240 V AC to 15 V DC) 1 x DIN-Rail adapter 1 x Drilling template 1 x Small parts
<b>Approvals</b>	CE, FCC, UL, RoHS, IP50
<b>Weather-proof</b>	No
<b>Weight</b>	174 g
<b>EAN</b>	4260423860346
<b>DoorBird RFID 125kHz Key Fob</b>	
<b>Doorbird</b>	<b>DBKEYFOB</b>
DoorBird RFID 125kHz Key Fob 64b R/O (10-pack) (D21XX+)	
<b>PoE Injector Gigabit</b>	
<b>Doorbird</b>	<b>DBPOEGB</b>
DoorBird PoE Injector Gigabit (A1091) 802.3 'af' (Mode A) [1/2(+)/3/6(-)]	
<b>Specifications</b>	
<b>Dimensions</b>	80 x 76 x 25 mm (L x W x H) 1.15 x 3 x 0.98 in (L x W x H)
<b>Power supply</b>	15 V DC, 1A
<b>Operating conditions</b>	-25 to 55°C / -13 to 131°F
<b>Speed</b>	10/100/1000 M (Gigabit)
<b>Connectors</b>	2x10/100/1000M RJ45 1xDC 5.5 mm socket
<b>PoE</b>	IEEE 802.3 af (mode A), IEEE 802.3 at (Mode-A), 15.4 watt
<b>Data line pair</b>	1/2 (+), 3/6 (-)
<b>LED</b>	PoE status
<b>Range</b>	80 metres / 262 feet via Cat.5/Cat.6/ Cat.7 network cable
<b>Scope of delivery</b>	1xPoE injector 1xDIN-Rail adapter 1xNetwork Cable 1 x Power supply unit (mains adaptor) with four country-specific adaptors(110 - 240 V AC to 15 V DC) 1 x Drilling template 1x Small parts
<b>Approvals</b>	CE, FCC, UL, RoHS, IP50
<b>Weather-proof</b>	No
<b>Weight</b>	110 g
<b>EAN</b>	4260423860384



## DIN-Rail power supply for DoorBird IP Video Door Station D10x and D20x

Doorbird

DBPSDX0X



DIN-Rail power supply for DoorBird IP Video Door Station D10x and D20x

## Replacement mounting kit for DoorBird IP Video Door Station D10x

Doorbird

DBRD10X

Replacement mounting kit for DoorBird IP Video Door Station D10x

## Replacement mounting housing (backbox) for DoorBird D201

Doorbird

DBRD201



Replacement mounting housing (backbox) for DoorBird D201

## Replacement mounting housing (backbox) for DoorBird D202X

Doorbird

DBRD202X



Replacement mounting housing (backbox) for DoorBird D202X

## IP Video Door Station D205, for integration and RMA purposes, Engineering Edition

Doorbird

DBRD205

DoorBird IP Video Door Station D205, for integration and RMA purposes, Engineering Edition

## Replacement mounting kit for DoorBird IP Video Door Station D20x

Doorbird

DBRD20X

Replacement mounting kit for DoorBird IP Video Door Station D20x

## Housing (backbox) for DoorBird D210XV

Doorbird

DBRD210X



Replacement part: Replacement mounting housing (backbox) for DoorBird IP Video Door Stations D2102V & D2103V

## Brushed Stainless-steel front plate

Doorbird

DBRFD20X

Brushed Stainless-steel front plate

## Brushed Stainless-steel front plate with Bronze finish

Doorbird

DBRFD20XB

Brushed Stainless-steel front plate with Bronze finish

## PIR Motion Sensor replacement cap

Doorbird

DBRSC

PIR Motion Sensor replacement cap

## Micron

## Micron MSDS Silver Surface Mount Colour Door IMFDS

Micron

INTIMFDS



Micron MSDS Silver Surface Mount Colour Door IMFDS

## Micron MSDS White surface mount colour door

Micron

INTIMFDWH



Micron MSDS White surface mount colour door

## Micron MTB-W Push Buton 7" Colour Monitor. Includes power supply. White. IMTBW

Micron

INTIMPBW



Micron MTB-W Push Buton 7" Colour Monitor. Includes power supply. White. IMTBW

## Micron MTS-W 7 Colour Touch Screen Monitor with memory. Includes power supply. White. IMTSW

Micron

INTIMTSW



Micron MTS-W 7 Colour Touch Screen Monitor with memory. Includes power supply. White. IMTSW

## Warning Signs

### Unbranded / Generic

## C.C.T.V Warning Corflute Sign 300 x 480mm

Unbranded / Generic

CS1



C.C.T.V Warning Corflute Sign 300 x 480mm

CCTV warning sticker - front adhesive. 1

Unbranded  
/ Generic

SECCTVSTICKER

CCTV warning sticker - front adhesive. 1

## Batteries

Netic

Panasonic UPS 12VDC VRLA Battery

Netic

BAT12VUPSP

Panasonic UPS 12VDC VRLA Battery



# I :: Information & Communication Technologies

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Technology :: Support :: Solutions

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## Siretta

### Snyper 4G/LTE Spectrum Signal & Network Analyser

Siretta **SNYPERLTE**



Snyper 4G/LTE Spectrum (Only Save 1 Survey) Signal & Network Analyser

### Snyper 4G/LTE Spectrum LIVE SCAN

Siretta **SNYPERTELIS**



Snyper 4G/LTE Spectrum LIVE SCAN Save Up To 50 Surveys Signal & Network Analyser

### Signal & Network Analyser

Siretta **SNYPERPP**



Snyper 3G Spectrum (EU Band) Signal & Network Analyser

### Snyper 3G Spectrum Signal & Network Analyser

Siretta **SNYPERPPNA**



Snyper 3G Spectrum (NA Band) Including 850Mhz Signal & Network Analyser

## Point-to-Point/Point to Multi-

## Point Wireless

### Ubiquiti

#### 19dBi 120deg M5 Sector Antenna

Ubiquiti **UBIAM519120**



Ubiquiti Sector M 5GHz Tx/Rx 19dBi 120 Degree

#### 3x30° HD Sector Antenna

Ubiquiti **UBIAP5AC90**



Ubiquiti Sector 5GHz AC Tx/Rx 5 GHz, 3x30° HD Sector Antenna

#### Bullet M2 High Power 2.4GHz

Ubiquiti **UBIBM2HP**



Ubiquiti Bullet M2 High Power 2.4GHz

#### Bullet M5 Titanium 5GHz

Ubiquiti **UBIBM5TI**



Ubiquiti Bullet M5 Titanium 5GHz

#### IsoStation AC Gen2 CPE 14dBi

Ubiquiti **UBIIS5AC**



Ubiquiti Networks IS-5AC 5GHz IsoStation ac Gen2 CPE 14dBi

#### LiteBeam 2x2 MIMO AC Sector AP 5GHz 16dBi 120deg

Ubiquiti **UBILB5AC16120**



Ubiquiti LiteBeam 2x2 MIMO airMAX® ac Sector AP 5GHz 16dBi 120 degree (integrated radio)

#### LiteBeam AC - 23dBi

Ubiquiti **UBILBE5AC23**



Ubiquiti LiteBeam AC5 - 23dBi CPE only (no AP mode)

#### Ubiquiti LiteBeam M5 AC - Gen2

Ubiquiti **UBILBE5ACG2**

Ubiquiti LiteBeam M5 AC - Gen2

#### LiteBeam M5 - 23dBi

Ubiquiti **UBILBEM523**



Ubiquiti LiteBeam M5 - 23dBi CPE only (no AP mode)

## UBILOCM5AC

Ubiquiti

UBILOCM5AC

Ubiquiti Nanostation Loco M5 5GHz 802.11a/c MIMO antenna, WiFi Wireless Outdoor CPE, (No PoE Injector)

## NanoStation Loco M2 2.4GHz

Ubiquiti

UBILOCOM2S



Ubiquiti NanoStation Loco M2 2.4GHz

## NanoStation Loco M5 5GHz

Ubiquiti

UBILOCOM5



Ubiquiti NanoStation Loco M5 5GHz

### Specifications

<b>Dimensions</b>	161 x 31 x 80 mm (6.31 x 1.22 x 3.15")
<b>Weight</b>	180 g (6.35 oz)
<b>Power Supply (PoE)</b>	24V, 0.5A
<b>Max. Power Consumption 5.5W</b>	5.5W
<b>Power Method</b>	Passive PoE (Pairs 4, 5+; 7, 8 Return)
<b>Operating Frequency</b>	Worldwide: 5170-5875 MHz US: 5725-5850 MHz USA DFS: 5250-5850 MHz
<b>Gain</b>	13 dBi
<b>Networking Interface</b>	(1) 10/100 Ethernet Port
<b>Processor Specs</b>	Atheros MIPS 24Kc, 400 MHz
<b>Memory</b>	64 MB DDR2, 8 MB Flash
<b>Frequency</b>	5 GHz
<b>Cross-pol Isolation</b>	20 dB Minimum
<b>Max. VSWR</b>	1.4:1
<b>Beamwidth</b>	45° (H-pol) / 45° (V-pol) / 45° (Elevation)
<b>Polarization</b>	Dual Linear
<b>Enclosure</b>	Outdoor UV Stabilized Plastic
<b>Mounting</b>	Pole-Mount (Kit Included)
<b>Operating Temperature</b>	-30 to 75°C (-22 to 167° F)
<b>Operating Humidity</b>	5 to 95% Noncondensing
<b>Wireless Approvals</b>	FCC Part 15.247, IC RS210, CE
<b>RoHS Compliance</b>	Yes
<b>Shock &amp; Vibration</b>	ETSI300-019-1.4

## NanoStation Loco M900

Ubiquiti

UBILOCOM9



Ubiquiti NanoStation Loco M900

## 15dBi 120deg M2 Sector Antenna

Ubiquiti

UBIM2G1512S



Ubiquiti Sector M 2GHz Tx/Rx 15dBi 120 Degree

## 16dBi 90deg M2 Sector Antenna

Ubiquiti

UBIM2G1690R



Ubiquiti Sector M 2GHz Tx/Rx 16dBi 90 Degree AM-2G16-90

## 18dBi 120deg M3 Sector Antenna

Ubiquiti

UBIM318120



Ubiquiti Sector M 3GHz Tx/Rx 18dBi 120 Degree

## 16dBi 120deg M5 Sector Antenna

Ubiquiti

UBIM516120



Ubiquiti Sector M 5GHz Tx/Rx 16dBi 120 Degree

## 19dBi 120deg M5 Sector Antenna

Ubiquiti

UBIM519120



Ubiquiti Sector M 5GHz Tx/Rx 19dBi 120 Degree

## 20dBi 90deg M5 Sector Antenna

Ubiquiti

UBIM52090S



Ubiquiti Sector M 5GHz Tx/Rx 20dBi 90 Degree

## 22dBi 45deg Sector Antenna 5GHz AC

Ubiquiti

UBIM5AC2245



Ubiquiti Sector M 5GHz Tx/Rx 20dBi 90 Degree

## NanoBridge M5 5GHz 22dBi (30cm)

Ubiquiti

UBINB5G22



Ubiquiti NanoBridge M5 5GHz 22dBi (30cm)

## NanoBridge M5 5.8GHz 25dBi (40cm)

Ubiquiti

UBINB5G25S



Ubiquiti NanoBridge M5 5.8GHz 25dBi (40cm) ( 09/11/15)

## NanoBeam M2 2.4GHz (40cm)

Ubiquiti

UBINBM2400



Ubiquiti NanoBeam M2 2.4GHz (40cm)

## NanoBridge M3 3GHz

Ubiquiti

UBINBM3



Ubiquiti NanoBridge M3 3GHz

## NanoBeam M5 5GHz 16dBi

Ubiquiti

UBINBM516



Ubiquiti NanoBeam M5 5GHz 16dBi (24/09/15)

## NanoBeam AC 5GHz 16dBi

Ubiquiti

UBINBM516AC



Ubiquiti NanoBeam M5 AC 5GHz 16dBi (NBE-5AC-16) (27/02/16)

## NanoBeam M5 5GHz 19dBi

Ubiquiti

UBINBM519



Ubiquiti NanoBeam M5 5GHz 19dBi

## NanoBeam AC 5GHz 19dBi

Ubiquiti

UBINBM519AC



Ubiquiti NanoBeam M5 AC 5GHz 19dBi (NBE-5AC-19) (24/09/15)

## NanoBeam M5 5GHz 19dBi GbE

Ubiquiti

UBINBM519G



Ubiquiti NanoBeam M5 5GHz 19dBi GbE

## NanoBeam M5 5GHz Dish 22dBi (30cm)

Ubiquiti

UBINBM5300



Ubiquiti NanoBeam M5 5GHz Dish 22dBi (30cm)

## NanoBeam M5 5GHz Dish 25dBi (40cm)

Ubiquiti

UBINBM5400



Ubiquiti NanoBeam M5 5GHz Dish 25dBi (40cm)

## NanoStation M2 2.4GHz

Ubiquiti

UBINSM2S



Ubiquiti NanoStation M2 2.4GHz (24/09/15)

## NanoStation M3 3GHz

Ubiquiti

UBINSM3



Ubiquiti NanoStation M3 3GHz

## NanoStation M5 5GHz

Ubiquiti

UBINSM5



Ubiquiti NanoStation M5 5GHz (09/11/15)

## PowerBeam AC ISO 5GHz Dish

Ubiquiti

UBIPBA300I



Ubiquiti PowerBeam AC ISO 5GHz Dish

## PowerBeam AC ISO 400mm 5GHz Dish

Ubiquiti

UBIPBA400I



Ubiquiti PowerBeam AC ISO 400mm 5GHz Dish

## PowerBeam AC ISO 500mm 5GHz Dish

Ubiquiti

UBIPBA500I



Ubiquiti PowerBeam AC ISO 500mm 5GHz Dish

## PowerBeam AC 5GHz Dish 27dBi (50cm)

Ubiquiti

UBIPBAC500



Ubiquiti PowerBeam AC 5GHz Dish 27dBi (50cm)

## Ubiquiti PowerBeam AC 400 25dBi 5GHz 802.11ac 2x2 MIMO Antenna. 40CM Dish.

Ubiquiti

UBIPBE5AC400



Ubiquiti PowerBeam AC 400 25dBi 5GHz 802.11ac 2x2 MIMO Antenna. 40CM Dish.

## PowerBeam AC 5GHz Gen2 Dish 25dBi

Ubiquiti

UBIPBE5ACG2



Ubiquiti PowerBeam 5AC 5GHz Dish 25dBi Gen 2 (WiFi App Control)

## PowerBridge M5 5GHz 25dBi

Ubiquiti

UBIPBM5



Ubiquiti PowerBridge M5 5GHz 25dBi

## PowerBeam M5 5GHz Dish 25dBi (40cm)

Ubiquiti

UBIPBM5400



Ubiquiti PowerBeam M5 5GHz Dish 25dBi (40cm)

## PICO M2 HP Omni 2.4GHz AP

Ubiquiti

UBIPICOM2



Ubiquiti PICO M2 HP Omni 2.4GHz AP

## 90° horn for IsoStation and PrismStation

Ubiquiti

UBIPRISMAP590

90° horn for IsoStation and PrismStation

### Specifications

<b>Dimensions</b>	~ 6in x ~ 7.35in x ~ 4.46in (152.1mm x 186.8mm x 113.2mm)
<b>Weight</b>	~ 2lbs (0.92kg)
<b>Supported Frequency Range</b>	5.15-5.85GHz
<b>Gain</b>	13
<b>HPOL Beamwidth</b>	90
<b>VPOL Beamwidth</b>	90
<b>Elevation Beamwidth</b>	45
<b>Electrical Downtilt</b>	0
<b>Maximum VSWR</b>	2:1
<b>Wind Survivability</b>	~ 124mph (200kph)
<b>Wind Loading</b>	46N with PrismStation
<b>Polarization</b>	Dual-linear
<b>Cross-Pol</b>	Isolation 17dB

## PrismStation 5AC with 45° horn

Ubiquiti

UBIP55AC45

Shielded airMAX ac BaseStation with airPrism Technology

## Rocket AC Lite 5GHz AP

Ubiquiti

UBIR5ACLITE



Ubiquiti Rocket M5 AC 5.8GHz LITE Rocket5AC-Lite

## Rocket AC 5GHz PRISM

Ubiquiti

UBIR5ACPR



Ubiquiti Rocket M5 AC 5.8GHz PRISM Rocket5AC-PRISM

## 5 GHz 30 dBi Rocket Dish

Ubiquiti

UBIRD5G30



5 GHz 30 dBi Rocket Dish

## 5GHz 30dBi Rocket Dish Light Weight

Ubiquiti

UBIRD5G30LW



5GHz 30dBi Rocket Dish Light Weight

## Rocket Dish, 5G, 34dB, 100cm

Ubiquiti

UBIRD5G34

Rocket Dish, 5G, 34dB, 100cm

## Rocket M2 2.4GHz Radio

Ubiquiti

UBIRM2S



Ubiquiti Rocket M2 2.4GHz

## Rocket M3 (3.3~3.7GHz - Licensed Band)

Ubiquiti

UBIRM3



Ubiquiti Rocket M3 (3.3~3.7GHz - Licensed Band)

## Rocket AC 5GHz PTMP

Ubiquiti

UBIRM5ACPTMP



Ubiquiti Rocket M5 AC 5.8GHz PTMP Rocket5AC-PTMP

## Rocket AC 5GHz PTP

Ubiquiti

UBIRM5ACPTP



Ubiquiti Rocket M5 AC 5.8GHz PTP

## Rocket M5 5GHz Radio

Ubiquiti

UBIRM5S



Ubiquiti Rocket M5 5.8GHz

## Rocket M5 5GHz Titanium Radio

Ubiquiti

UBIRM5TI



Ubiquiti Rocket M5 5.8GHz Titanium

## Rocket M900 (900MHz ISM Band)

Ubiquiti

UBIRM900



Ubiquiti Rocket M900 (900MHz ISM Band)

## Rocket AC 5GHz PRISM Gen2

Ubiquiti

UBIRP5ACG2



Ubiquiti Rocket M5 AC 5.8GHz PRISM Gen2. WiFi radio for dedicated wireless control (via phone app).



## 16dBi 60/120deg Titanium Sector Antenna

Ubiquiti

UBIT2G120



Ubiquiti Sector Titanium 2.5GHz Tx/Rx 16dBi 60/120 Degree

## Dedicated Backhaul Links

Ubiquiti

## 11GHz Duplexer Low Band

Ubiquiti

UBIAF11FXDL

## Airfiber-X 11GHz Radio L

Ubiquiti

UBIAF11FXL

Low Band 10.7~10.955 GHz + 11.2~11.445 GHz

## 11GHz 35dBi Dish

Ubiquiti

UBIAF11G35



## Airfiber 24GHz 1.4Gbps Full-Duplex PtP Radio

Ubiquiti

UBIAF24



Ubiquiti Airfiber AF-24 Operating in the 24GHz 1.4Gbps

### Specifications

<b>Operating Frequency</b>	24.05-24.25 GHz*
<b>Dimensions Radio Box</b>	649 x 426 x 303 mm (25.55 x 16.77 x 11.93") 725 x 520 x 410 mm (28.54 x 20.47 x 16.14")

### Specifications

<b>Weight Radio (Mount Included) Box</b>	10.5 kg (23.15 lb) 17 kg (37.48 lb)
<b>Max. Power Consumption</b>	50W
<b>Power Supply</b>	50V, 1.2A PoE GigE Adapter (Included)
<b>Power Method</b>	Passive Power over Ethernet
<b>Supported Voltage Range</b>	+42 to +58VDC, -48VDC
<b>Certifications</b>	CE, FCC, IC
<b>Wind Loading</b>	480 N @ 200 km/hr (108 lbf @ 125 mph)
<b>Wind Survivability</b>	200 km/hr (125 mph)
<b>Mounting</b>	Pole Mount Kit (Included)
<b>Operating Temperature</b>	-40 to 55° C (-40 to 131°F)
<b>LEDs</b>	(8) Status LEDs: Data Port Speed Data Port Link/Activity Configuration Port Speed Configuration Port Link/Activity GPS Synchronization Modulation Mode Master/Slave RF Status (1) Two-Digit LED Display Calibrated in dBm

### Interface

<b>Data Port</b>	(1) 10/100/1000 Ethernet Port
<b>Configuration Port</b>	(1) 10/100 Ethernet Port
<b>Auxiliary Port</b>	(1) RJ-12, Alignment Tone Port

### System

<b>Maximum Throughput</b>	1.5+ Gbps
<b>Maximum Range</b>	13+ km
<b>Packets per Second</b>	> 1 Million
<b>Encryption</b>	128-Bit AES
<b>Uplink/Downlink Ratio</b>	50% Fixed
<b>Latency Full Duplex Mode Half Duplex Mode</b>	< 200 µs at Full Throughput < 2 ms at Full Throughput
<b>MTU (Maximum Transmission Unit)</b>	Up to 9600

## Airfiber AF-24-HD

Ubiquiti

UBIAF24HD

Ubiquiti Airfiber AF-24HD 24GHz 2Gbps

## Airfiber AF-5 5GHz 1.0Gbps Full-Duplex PtP Radio

Ubiquiti

UBIAF5



Ubiquiti Airfiber AF-5 5GHz 1.0Gbps AF-5

### Specifications

<b>Carton quantity:</b>	1 Pack (1 Unit)
<b>Power cable included:</b>	AU Plug to C5 (Ubiquiti) 600mm)
<b>Certifications:</b>	C-tick FCC EU
<b>Dimensions: (cm)</b>	103 x 55 x 49

### Specifications

<b>Weight: (Kg)</b>	26
<b>Cubic Weight: (Kg)</b>	64

## 5GHz 23dBi Slant 45 Dish

Ubiquiti

UBIAF5G23S

Ubiquiti 5 GHz 30 dBi Slant 45 Antenna - 2 Pack. Pair with Air Fiber 5X radios (sold separately)

## 5GHz 30dBi Slant 45 Dish

Ubiquiti

UBIAF5G30S45



Ubiquiti 5 GHz 30 dBi Slant 45 Antenna AF-5G23-S45

## Ubiquiti Slant 45 conversion Kit For Rocket Dish

Ubiquiti

UBIAF5GOMT



Ubiquiti Slant 45 degree conversion kit for Rocket Dish. Enables AF-X radios to avoid interference on traditional H/V polarities

## Airfiber-X 5GHz Radio.

Ubiquiti

UBIAF5X



Ubiquiti Airfiber AF-5X Radio. Pair with PtP dish, PtMP sector or omni-directional antenna

## Ubiquiti Airfiber AF-5XHD

Ubiquiti

UBIAF5XHD

Ubiquiti Airfiber AF-5XHD Radio. Pair with PtP dish, PtMP sector or omni-directional antenna

## Airfiber-X 4x4 Multiplexer Feed Mount

Ubiquiti

UBIAFMPX4



Ubiquiti AirfiberX 4x4 Multiplexer Feed Mount

## Airfiber-X 8x8 Multiplexer Feed Mount

Ubiquiti

UBIAFMPX8



Ubiquiti AirfiberX 8x8 Multiplexer Feed Mount

## Edgepoint Router 6

Ubiquiti

UBIEPR6



Ubiquiti Edgepoint Router 6

## Edgepoint Router 8

Ubiquiti

UBIEPR8



Ubiquiti Edgepoint Router 8

## Edgepoint WISP switch 16-port

Ubiquiti

UBIEPRS16



Ubiquiti Edgepoint WISP switch 16-port

## Fixed Wireless Distribution & Access

### Integrated Fixed Wireless

#### Integrated Fixed Wireless :: Ubiquiti

## NanoBeam 2.4GHz AC 13dBi

Ubiquiti

UBINB2AC13



Ubiquiti NanoBeam 2.4GHz AC 13dBi (NBE-2AC-13)

## NanoBeam 5GHz AC Gen2 19dBi

Ubiquiti

UBINBM519AC2



Ubiquiti NanoBeam 5GHz AC Gen2 19dBi (NBE-5AC-19-Gen2)

## Fixed Wireless Antennas

### Fixed Wireless Antennas :: Ubiquiti

## UBIAM913120

Ubiquiti

UBIAM913120



900 MHz 13 dBi MIMO Sector Antenna 120 degrees

## 2.4GHz 10dBi Omni Antenna

Ubiquiti

UBIAMO2G10



Ubiquiti 2.4GHz 10dBi Omni

#### Specifications

<b>Dimensions</b>	1030 X 122 X 84
<b>Weight</b>	2.1 kg
<b>Frequency</b>	2.35 - 2.55 GHz
<b>Gain</b>	10 dBi
<b>Elevation Beamwidth</b>	12°
<b>Electrical Downtilt</b>	4°
<b>Max. VSWR</b>	1.7:1
<b>Wind Survivability</b>	125 mph
<b>Wind Loading</b>	14 lb @ 100 mph
<b>Polarization</b>	Dual Linear
<b>Cross-Pol Isolation</b>	25 dB Min
<b>Mounting</b>	Universal Pole Mount, RocketM Bracket, and Weatherproof RF Jumpers Included
<b>ETSI Specification</b>	EN 302 326 DN2

## 5GHz 10dBi Omni Antenna

Ubiquiti

UBIAMO5G10



Ubiquiti 5GHz 10dBi Omni

## 5GHz 13dBi Omni Antenna

Ubiquiti

UBIAMO5G13



Ubiquiti 5GHz 13dBi Omni

### Specifications

<b>Dimensions</b>	799 x 90 x 65 mm (31.46 x 3.54 x 2.56")
<b>Weight</b>	0.82 kg (1.81 lb)
<b>Frequency</b>	5.45 - 5.85 GHz
<b>Gain</b>	13 dBi
<b>Elevation Beamwidth</b>	7°
<b>Electrical Downtilt</b>	2°
<b>Max. VSWR</b>	1.5:1
<b>Wind Survivability</b>	200 km/h (125 mph)
<b>Wind Loading</b>	84.52 N @ 200 km/h (19 lbf @ 125 mph)
<b>Polarization</b>	Dual Linear
<b>Cross-Pol Isolation</b>	25 dB Min
<b>RF Connectors</b>	2 RP-SMA Connectors (Weatherproof)
<b>Mounting</b>	Universal Pole Mount, RocketM Bracket, and Weatherproof RF Jumpers Included
<b>ETSI Specification</b>	EN 302 326 DN2

## 5GHz 21-19dBi 60-120 degree Titanium Sector Antenna

Ubiquiti

UBIAMV5GTI

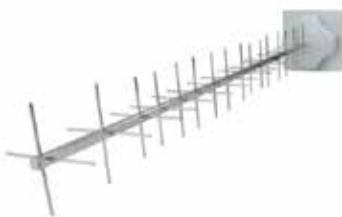


Ubiquiti 5GHz 21-19dBi 60-120 degree Titanium sector antennas

## 2x 900MHz 16dBi MIMO Yagi Antennas (Pair)

Ubiquiti

UBIAMY9M16



2 x 900 MHz 16 dBi MIMO Yagi Antennas (Pair in single box)

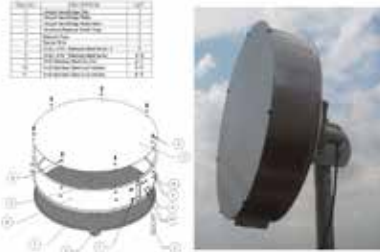
## Short Range Links (60GHz)

### RF Armour

#### RF Armour Nanobridge 25dBi (40cm) Kit

RF Armour

RFANBK25



RF Armour Nanobridge 25dBi (40cm) Kit

#### RF Armour Nanostation Housing Kit

RF Armour

RFANSK



RF Armour Nanostation Housing Kit

#### RF Armour PowerBridge housing kit

RF Armour

RFAUPBK35



RF Armour PowerBridge housing kit

## Ubiquiti

#### Instant 802.3af Gigabit Outdoor PoE Converter

Ubiquiti

UBIIN3AFI

Ubiquiti Instant 802.3af Indoor PoE Converter. 48V PoE --> 24V Passive PoE.

#### Instant 802.3af Gigabit Outdoor PoE Converter

Ubiquiti

UBIIN3AFOG



Ubiquiti Instant 802.3AF Gigabit Outdoor PoE Converter. 48V PoE --> 24V Passive PoE.

#### NanoBeam 16 Isolator Shield ISO-BEAM-16

Ubiquiti

UBIISOB16



NanoBeam 16 Isolator Shield ISO-BEAM-16

#### NanoBeam 19 Isolator Shield ISO-BEAM-19

Ubiquiti

UBIISOB19



NanoBeam 19 Isolator Shield ISO-BEAM-19

#### Nano Beam Wall mount Kit

Ubiquiti

UBINBWM



Ubiquiti Nano Beam Wall mount Kit

#### Ubiquiti Nano Beam Wall mount Kit

Ubiquiti

UBINBWMK



Ubiquiti Nano Beam Wall mount Kit

## Ubiquiti Nano mount

Ubiquiti

UBINMOUNT



Ubiquiti Nano mount

## Ubiquiti NanoStation Wall/Window mount

Ubiquiti

UBINSWM



Ubiquiti NanoStation Wall/Window mount

## Universal Mounting Bracket, Small

Ubiquiti

UBIUBAM



Universal Mounting Bracket, Small

## Wall Mount Bracket for PoE/AirGateway

Ubiquiti

UBIWMPAG



Wall Mount Bracket for PoE/AirGateway

## POE / PSUs for Wireless

## Systems

Ubiquiti

### Instant 802.3af Gigabit Outdoor PoE Converter

Ubiquiti

UBIINS3AFUSB

Ubiquiti Instant 802.3af PoE to USB Converter. 48VPoE--> 5V USB INS-3AF-USB

## Outdoor Shielded Cables (ESD Grounding)

### Outdoor Shielded Cables (ESD Grounding)

:: Ubiquiti

### Tough Cable Carrier Outdoor HD Shielded CAT5 Cable Black

Ubiquiti

UBITCCAR



Tough cable - Ubiquiti Networks TC-Carrier Outdoor HD Shielded CAT5 Cable Black

### TOUGH Connector (10 pce/bag)

Ubiquiti

UBITCON10



Ubiquiti TOUGH Connector (10 pce/bag)

### TOUGH Cable Connector (100 pce/bag)

Ubiquiti

UBITCON100



Ubiquiti TOUGH Cable Connector (100 pce/bag)

## Tough Cable Outdoor Shielded CAT5 Cable Black 305m Roll

Ubiquiti

UBITCPRO



Tough cable - Ubiquiti Networks TC-Pro Outdoor Shielded CAT5 Cable Black 305m Roll

## WiFi APs (Domestic & Commercial)

4ipnet

### 5dBi dual-band 2.4GHz/5.8GHz omni antenna. N-male

4ipnet

4IPAOD2458



4IPNET 5dBi dual-band 2.4GHz/5.8GHz omni antenna. N-male

### 802.11n Wall Plate Access Point

4ipnet

4IPEAP701



802.11n Wall Plate Access Point

### 802.11ac 2x2 Wall Mount Access Point

4ipnet

4IPEAP705



802.11ac 2x2 Wall Mount Access Point  
802.11ac 2x2 Wall Mount Access Point

## 802.11ac 2x2:2 Indoor Access Point

4ipnet

4IPEAP727



802.11ac 2x2 Dual Band Indoor Access Point

## 802.11ac 3x3:3 Indoor Access Point

4ipnet

4IPEAP767



802.11ac 3x3 Dual Band Indoor Access Point

## 802.11ac wave 2 outdoor Access Point

4ipnet

4IPOWL300



Concurrent dual-band 802.11ac wave 2 outdoor Access Point. 2x2 MIMO. Selectable Radios. GbE Port

- Up to 16 ESSIDs per Radio
- Configurable Connectivity Thresholds
- Dynamic Channel Selection
- Seamless/Fast Roaming
- Band Steering
- Airtime Fairness
- Multicast to Unicast Conversion
- 802.11e/WMM
- 802.11u/Hotspot 2.0
- 802.1p/DSCP
- WPA2-Enterprise with 802.1X Authentication
- 802.1Q VLAN Tagging
- Layer 2 Firewall
- Station Isolation
- MAC ACL
- DHCP Snooping
- WPA/WPA2 Security with AES Encryption
- Detailed User Connectivity Statistics
- Configurable Trusted Wireless Interfaces
- Secure AP Mounting Mechanisms

## Dual-Band AC 3x3 MIMO Outdoor AP

4ipnet

4IPOWL630



Outdoor Access Point. Dual-Band AC 3x3 MIMO. Selectable Radios. GbE Port

## Grove

## ME-GN1007 Wireless Access Point 300MB POE

Grove

GMEGN1007



Grove ME-GN1007 Wireless Access Point 300MB POE

## Ubiquiti

## Ubiquiti Air Gateway PRO (Installer Tool)

Ubiquiti

UBIAGPROIN



The Ubiquiti airGateway Pro Installer makes installing consumer premises equipment (CPE) easier and more efficient. Position, provision, and configure the CPE at the point of installation using a tablet or smartphone.

## Air Gateway

Ubiquiti

UBIAIRGW



Ubiquiti airGateway™ is an airMAX® WISP customer Wi-Fi solution. It simultaneously connects indoor client devices and powers the outdoor airMAX CPE

## Air Gateway LR

Ubiquiti

UBIAIRGWLR



Ubiquiti Air Gateway Long-range

## AM-5AC21-60

Ubiquiti

UBIAM5AC2160

Ubiquiti 5GHz AirMax AC Sector Antenna 21dBi, 60 deg

## 802.3af Outdoor GbE Adapter

Ubiquiti

UBIINS3AF



Ubiquiti 802.3af Outdoor GbE Adapter INS-3AF-0-G

## UniFi Access Point (Gen1)

Ubiquiti

UBIUAP



Ubiquiti UniFi Access Point

## UniFi-AC-EDU AC Dual radio 2.4/5GHz Gig-E Access Point with PA speaker

Ubiquiti

UBIUAPACEDU



Ubiquiti UniFi-AC-EDU AC Access Point Dual radio 2.4/5GHz Gig-E with PA speaker

## UniFi-AC-HD High Density Dual radio 2.4/5GHz Gig-E Access Point

Ubiquiti

UBIUAPACHD



UniFi-AC-HD High Density Access Point Dual radio 2.4/5GHz Gig-E UAP-AC-HD

## UniFi AC Wall Plate Access Point

Ubiquiti

UBIUAPACIW



Ubiquiti UniFi AC Wall Plate Access Point

## UniFi AC Wall Plate Access Point

Ubiquiti

UBIUAPACIW5



Ubiquiti UniFi AC Wall Plate Access Point UAP-AC-IW

## UniFi AC Lite Dual radio 2.4/5GHz Gig-E Access Point

Ubiquiti

UBIUAPACLite



Ubiquiti UniFi-AC Lite Access Point Dual radio 2.4/5GHz Gig-E UAP-AC-Lite

## UniFi AC Long Range Dual radio 2.4/5GHz Gig-E Access Point

Ubiquiti

UBIUAPACLR



Ubiquiti UniFi-AC Long Range Access Point Dual radio 2.4/5GHz Gig-E UAP-AC-LR

## UBIUAPACLRP5

Ubiquiti

UBIUAPACLR5P



Ubiquiti 5 Pack UniFi-AC Long Range Access Point Dual radio 2.4/5GHz Gig-E UAP-AC-LR (NO POWER SUPPLY WITH UNITS) Sold in Singles X5

## UniFi AC Pro Dual radio 2.4/5GHz Gig-E 5-Pack Access Point. No injectors.

Ubiquiti

UBIUAPACPS



Ubiquiti UniFi-AC Pro Access Point Dual radio 2.4/5GHz Gig-E 5-Pack. No injectors.

## UBIUAPACPROPOE

Ubiquiti

UBIUAPACPPOE

UniFi AP AC PRO 802.11ac Dual Radio Indoor With PoE Injector

## UniFi AC Pro Dual radio 2.4/5GHz Gig-E Access Point

Ubiquiti

UBIUAPACPRO



Ubiquiti UniFi-AC Pro Access Point Dual radio 2.4/5GHz Gig-E

## UniFi AC Pro Dual radio 2.4/5GHz Gig-E Access Point

Ubiquiti

UBIUAPACPROE



Ubiquiti UniFi-AC Pro Access Point Dual radio 2.4/5GHz Gig-E UAP-AC-PRO-E (No Power supply)

## UniFi-LR Access Point - Long Range 3-Pack (Gen1)

Ubiquiti

UBIUAPLR3P



Ubiquiti UniFi-LR Access Point - Long Range 3-Pack

## UBIUAPNANOHD

Ubiquiti

UBIUAPNANOHD



UniFi Nano HD Compact 802.11ac Wave2 MU-MIMO Enterprise [UAP-nanoHD]

## UBIUAPNANOHD5

Ubiquiti

UBIUAPNANOHD5



Compact 802.11ac Wave2 MU-MIMO Enterprise (5 Pack) No PoE Injectors

## UniFi Outdoor+ 2.4GHz AP

Ubiquiti

UBIUAPOD+



Ubiquiti UniFi-Outdoor Plus Access Point 2.4GHz

## Ubiquiti U-Installer 24v PoE WiFi installer tool with 1000mAh battery

Ubiquiti

UBIUINSTALLER

The U-Installer is a useful tool to make airMAX CPE installation easier. It provides Wi-Fi connectivity and 24V PoE power to a CPE, so you can use the intuitive UNMS Mobile app on a smartphone or tablet for alignment and configuration.

## Stand-alone WiFi APs

Edimax

### EDEW7478AC

Edimax

EDEW7438RPNAIR

Edimax Smart AC1200 Dual-Band Wi-Fi Extender/Access Point/ Wi-Fi Bridge

#### Specifications

<b>FREQUENCY BAND</b>	2.4GHz
<b>WIRELESS STANDARDS &amp; DATA RATES</b>	IEEE 802.11n (up to 300Mbps) IEEE 802.11g (up to 54Mbps) IEEE 802.11b (up to 11Mbps)
<b>HARDWARE INTERFACE</b>	WPS button LED indicators
<b>MANAGEMENT</b>	14-language user interface Upgradable firmware
<b>SECURITY</b>	64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security 802.1x authentication WPS (Wi-Fi Protected Setup)

#### Specifications

<b>SYSTEM REQUIREMENTS</b>	Existing wireless home network (2.4GHz) Computer with 2.4GHz b/g/n Wi-Fi capability and web browser for software configuration (Internet Explorer 7 or above, Google Chrome, Firefox or Safari latest version) iOS 5 above or Android 4.x above for mobile app
<b>INSTALLATION</b>	Multi-language iQ Setup (browser interface) Hardware WPS button
<b>ANTENNA</b>	2 x high performance internal antennas
<b>POWER ADAPTER</b>	Built in AC100-240V, 0.15A 50-60Hz power module
<b>HUMIDITY</b>	10-90% (Non-condensing)
<b>TEMPERATURE</b>	0-40°C (32-104°F)
<b>PACKAGE CONTENTS</b>	EW-7438RPn Air Wi-Fi extender Quick installation guide CD with multi-language QIG and user manual Access key card
<b>DIMENSIONS</b>	42 (H) x 42 (W) x 72 (L) mm
<b>DIMENSIONS &amp; WEIGHT</b>	49g (0.108lb)
<b>CERTIFICATIONS</b>	FCC, CE

### EDEW7478AC

Edimax

EDEW7478AC

Edimax Smart AC1200 Dual-Band Wi-Fi Extender/Access Point/ Wi-Fi Bridge

### EDEW7478AC

Edimax

EDOAP1300

Edimax Smart AC1200 Dual-Band Wi-Fi Extender/Access Point/ Wi-Fi Bridge

Ubiquiti

### UBICRMP

Ubiquiti

UBICRMP

Ubiquiti CRM-P Advanced airMAX Device Management Controller

#### Specifications

<b>Physical / Electrical / Environmental</b>	
<b>Dimensions</b>	21.7 x 43.4 x 121.9 mm
<b>Weight</b>	110 g
<b>Max. Power Consumption</b>	5W
<b>Power Method PoE</b>	48V 802.3af or Passive PoE (Pairs 4, 5+; 7, 8 Return)
<b>Micro-USB</b>	5V
<b>Power Supply</b>	802.3af PoE or Micro-USB 5V, 1A
<b>Operating Temperature</b>	0 to 40°C (32 to 104°F)
<b>Operating Humidity</b>	20 to 90% Noncondensing
<b>System Information</b>	
<b>Processor</b>	Qual-Core SoC
<b>System Memory</b>	2 GB DDR3

#### Specifications

<b>Networking Interface</b>	(1) 10/100/1000 RJ45 Port
<b>Memory Interface</b>	(1) microSD Port
<b>LED</b>	Factory Defaults/Device Busy/Device Working
<b>Regulatory / Compliance Information</b>	
<b>Certifications</b>	CE, FCC, IC

### UniFi Cloud Key

Ubiquiti

UBIUUCK



Ubiquiti UniFi Cloud Key UC-CK

### UBIUMAD

Ubiquiti

UBIUMAD

Ubiquiti Directional Dual-Band Mesh Antenna Add-on for AC-M

## Domestic Meshing WiFi APs

Ubiquiti

### Amplifi AFI HighDensity Home Wifi Mesh

Ubiquiti

UBIAFIHD



Ubiquiti Amplifi AFI HighDensity Home Wifi Mesh

### Amplifi HD Mesh Point- Wifi Extender

Ubiquiti

UBIAFIPHD



Ubiquiti Amplifi HD Mesh Point- Wifi Extender

## Amplifi AFI High Density Home Wifi Router

Ubiquiti

UBIAFIR



Ubiquiti Amplifi AFI High Density Home Wifi Router

## Amplifi Amplifi Router & 1x Mesh Point Bundle

Ubiquiti

UBIAFIRPBU

Ubiquiti Amplifi Amplifi Router & 1x Mesh Point Bundle Pack à€" Medium Size Home Or Office à€" 1,200 Sq

## UniFi AC Mesh Outdoor Access Point

Ubiquiti

UBIUAPACM



UniFi AC Mesh Outdoor Access Point 1167Mbps,Dual-o UAP-AC-M

## Managed WiFi APs

Edimax

EDEW7478AC

Edimax

EDOFFICE123

Edimax Smart AC1200 Dual-Band Wi-Fi Extender/Access Point/ Wi-Fi Bridge

## Ethernet Switches

Edimax

8-Port 10/100M PoE + Ports,80W FanLess

Edimax

EDES1008PL



ED-ES-1008PL Edimax 8-Port 10/100M PoE + Ports,80W FanLess

ES-5104PH V2

Edimax

EDES5104PH

Edimax 5 port 10/100mbps 4x PoE+ Dipswitch (60W)

ED-ES-5500G-V3 Edimax 5-Port Gigabit switch (USB powered)

Edimax

EDES5500G

ED-ES-5500G-V3 Edimax 5-Port Gigabit switch (USB powered)

ED-ES-5800G-V3 Edimax 8-Port Gigabit switch (USB powered)

Edimax

EDES5800G

ED-ES-5800G-V3 Edimax 8-Port Gigabit switch (USB powered)

8-Port Gigabit Ethernet Switch With 4 PoE Ports

Edimax

EDGS1008PHE



Edimax ED-ES-1008PL 8-Port Gigabit Ethernet Switch With 4 PoE Ports

EDGS1016

Edimax

EDGS1016

Edimax 16-Port Gigabit Switch, Rack mountable GS-1016

EDGS1026

Edimax

EDGS1026

Edimax 24-Port Gigabit Switch with 2-Port SFP, Rack mountable GS-1026

EDGS5008PL

Edimax

EDGS5008PL



Edimax Pro 8-Port Gigabit PoE+ WebSmart Switch (150W)

MikroTik

5 Port Gigabit Switch

MikroTik

MIKRB260GS



MikroTik 5 Port Gigabit Switch

TP Link

8-port Gigabit PoE+ Switch

TP Link

CISSG30010



Cisco SG300-10PP 10-PORT GIGABIT POE+ MANAGED SWITCH

TLMR6400

TP Link

TLMR6400

TP-Link TL-MR6400 N300 Wireless N 4G LTE Router 2.4GHz (300Mbps) 802.11bgn 3x100Mbps LAN 1x 100Mbps WAN 1xSIM slot 2 x External Antennas

TP-Link TL-SG1005D 5 port Gigabit switch (No PoE) Desktop - plastic case

TP Link

TLSG1005D

TP-Link TL-SG1005D 5 port Gigabit switch (No PoE) Desktop - plastic case

TP-Link TL-SG1008D 8 port Gigabit Un-Managed switch (No POE) Desktop only

TP Link

TLSG1008D



TP-Link TL-SG1008D 8 port Gigabit Un-Managed switch (No POE) Desktop only



## 8 PORT Gigabit Desktop Switch

TP Link

**TLSG1008P**



TP-Link TL-SG1008P 8 port Un-Managed Gigabit Switch (4 PoE ports 803.2af 53W) Desktop

## 8-port Gigabit PoE+ Switch

TP Link

**TLSG1008PE**

TP-Link TL-SG1008PE 8 port Gigabit Un-Managed switch (8 PoE+ ports, 803.2af/at 124W) Rackmount/Desktop

## 8-port Gigabit Easy Smart Switch

TP Link

**TLSG108E**



TP-Link TL-SG108E 8 port Un-Managed Gigabit Switch (No PoE)

## 8-port Gigabit Switch, 4 Port PoE

TP Link

**TLSG108PE2**



TP-Link TL-SG108PE2 8 port Gigabit Switch (4 PoE ports 802.3af 55W) Desktop

## 8-Port Gigabit Smart PoE Switch with 2 SFP Slots

TP Link

**TLSG2210P**



TP-Link TL-SG2210P 8 port Gigabit Smart switch, 2 SFP slots (8 PoE ports 802.3af 53W) Desktop

## Ubiquiti

### Ubiquiti TS-8-PRO ToughSwitch 8 port 24/48v passive PoE Gigabit switch

Ubiquiti

**UBITS8PRO**



Ubiquiti TS-8-PRO ToughSwitch 8 port 24/48v passive PoE Gigabit switch

### Ubiquiti US-16-150W UniFi 16 port Gigabit switch 2 SFP ports (16 PoE+ ports 802.3af/at 150W)

Ubiquiti

**UBIUS16150**



Ubiquiti US-16-150W UniFi 16 port Gigabit switch 2 SFP ports (16 PoE+ ports 802.3af/at 150W)

### UniFi Switch 16 XG 10Gbit Managed Fiber Aggregation Switch

Ubiquiti

**UBIUS16XG**



Ubiquiti UniFi switch Fiber, 12 Ports, 12 SFP+ ports (10G) and 4x RJ45 10GbE ports. 1U rackmount form-factor with removable mounting ears. No PoE output support

### Ubiquiti US-24 UniFi 24 port Switch 2 SFP ports 52Gps (no PoE)

Ubiquiti

**UBIUS24**



Ubiquiti US-24 UniFi 24 port Switch 2 SFP ports 52Gps (no PoE)

### UniFi Switch 24-250W 802.3at Gigabit Managed Switch

Ubiquiti

**UBIUS24250**



UniFi Switch 24 Port Managed PoE+ Gigabit Switch US-24-250W

### UniFi Switch 24-500W 802.3at Gigabit Managed Switch

Ubiquiti

**UBIUS24500**



Ubiquiti UniFi Switch 24-500W

### Ubiquiti US-48 UniFi 48 port Switch 2 SFP and 2 SFP+ ports 140Gps (no PoE)

Ubiquiti

**UBIUS48**



Ubiquiti US-48 UniFi 48 port Switch 2 SFP and 2 SFP+ ports 140Gps (no PoE)

### UniFi Switch 48-500W 802.3at Gigabit Managed Switch

Ubiquiti

**UBIUS48500**



Ubiquiti UniFi Switch 48-500W

### UniFi Switch 48-750W 802.3at Gigabit Managed POE+ Switch

Ubiquiti

**UBIUS48750**



Ubiquiti UniFi Switch 48-750W

### UniFi Switch 8-150W 802.3at Gigabit Managed POE+ Switch

Ubiquiti

**UBIUS8150W**



Ubiquiti UniFi Switch 8-150W US-8-150W

**UBIUS860W**

Ubiquiti

**UBIUS860W**



Ubiquiti UniFi 8 Port Switch (4 POE) 60W UBIUS860W

## Managed Switches

TP Link

TP-Link TL-SG1016DE 16 port Gigabit Smart switch Desktop

TP Link **TLSG1016DE**



TP-Link TL-SG1016DE 16 port Gigabit Smart switch Desktop

TLSG1016PE

TP Link **TLSG1016PE**

TP-Link TL-SG1016PE 16 port, 8 POE gigabit switch

TP-LINK 16-port Gigabit Smart Switch plus 2 combo SFP Slots

TP Link **TLSG2216**



TP-Link TL-SG2216 16 port Gigabit Smart Switch 2 combo SFP slots

TLSG2424P

TP Link **TLSG2424P**

TP-Link T1600G-28PS (TL-SG2424P) JetStream 24-Port Gigabit L2+ Smart Switch 192W PoE+ with 4 SFP Slots 56Gbps Bandwidth 41.7Mpps Packet Forward Rate

Ubiquiti

EdgeSwitch Fiber 12 SFP port Gigabit Managed Switch

Ubiquiti **UBIES12F**



Ubiquiti EdgeSwitch Fiber, 12 Ports, 12 SFP ports (1G) and 4 RJ45 GbE ports. 1U rackmount form-factor with removable mounting ears. No PoE output support

Ubiquiti ES-16-XG EdgeSwitch Fiber Aggregation switch 12 SFP+ ports (10G) and 4 RJ45 10G-BaseT port

Ubiquiti **UBIES16XG**



Ubiquiti ES-16-XG EdgeSwitch Fiber Aggregation switch 12 SFP+ ports (10G) and 4 RJ45 10G-BaseT ports (no PoE)

EdgeSwitch 24-Lite. 24 port managed gigabit switch. No PoE.

Ubiquiti **UBIES24L**



Ubiquiti EdgeSwitch 24-Lite. 24 port managed gigabit switch. No PoE

EdgeSwitch 48-Lite. 48 Port Gigabit Managed Switch

Ubiquiti **UBIES48L**



Ubiquiti EdgeSwitch 48-Lite. 48 port managed gigabit switch. 2xSFP 2 xSFP+. No PoE

## POE Managed Switches

POE Managed Switches :: Edimax

EDGS5416PLC

Edimax **EDGS5416PLC**

Edimax GS-5416PLC Long Range 16-Port Gigabit PoE+ Web Smart Switch with 4 RJ45/SFP Combo Ports

POE Managed Switches :: First Mile

2 Gigabit SFP Port 8, 10/100M Copper Port, POE af -40 ~ +75°C

First Mile **FMIDSP510W**



FirstMile Industrial Network Switch. 2x1000M + 8x10/100M

POE Managed Switches :: Planet

Industrial Switch 12-Port Gigabit with 8xPoE+ (802.3at), 2x SFP, 2xSFP+

Planet **PLIGS5225**



Planet Industrial Switch 12-Port Gigabit with 8xPoE+ (802.3at), 2x SFP, 2xSFP+



Specification

Hardware

<b>Copper Ports</b>	8 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports
<b>SFP/mini-GBIC Slots</b>	2 1000BASE-SX/LX/BX SFP interfaces (Port-9 and Port-10) Compatible with 100BASE-FX SFP
<b>SFP+ Slots</b>	2 10GbBASE-SR/LR SFP+ interfaces (Port-11 and Port-12) Compatible with 1000BASE-SX/LX/BX SFP transceiver
<b>PoE Injector Port</b>	8 ports with 802.3at/af PoE injector function with Port-1 to Port-8
<b>Console</b>	1 x RJ45-to-RS232 serial port (115200, 8, N, 1)
<b>Switch Architecture</b>	Store-and-Forward
<b>Switch Fabric</b>	60Gbps/non-blocking
<b>Throughput (packet per second)</b>	44.642Mpps@ 64Bytes packet
<b>Address Table</b>	16K entries, automatic source address learning and aging
<b>Shared Data Buffer</b>	32Mbits
<b>Flow Control</b>	IEEE 802.3x pause frame for full-duplex Back pressure for half-duplex
<b>Jumbo Frame</b>	10Kbytes

Specification	
<b>Reset Button</b>	< 5 sec: System reboot > 5 sec: Factory default
<b>ESD Protection</b>	6KV DC
<b>Enclosure</b>	IP30 aluminum case
<b>Installation</b>	DIN rail kit and wall-mount kit
<b>Connector</b>	Removable 6-pin terminal block for power input Pin 1/2 for Power 1, Pin 3/4 for fault alarm, Pin 5/6 for Power 2 Removable 6-pin terminal block for DI/DO interface Pin 1/2 for DI 1 & 2, Pin 3/4 for DO 1 & 2, Pin 5/6 for GND
<b>Alarm</b>	One relay output for power failure. Alarm relay current carry ability: 1A @ 24V DC
<b>DI/DO</b>	2 Digital Input (DI): Level 0: -24V~2.1V (±0.1V) Level 1: 2.1V~24V (±0.1V) Input load to 24V DC, 10mA max. 2 Digital Output (DO): Open collector to 24V DC, 100mA max.
<b>Dimensions (W x D x H)</b>	72 x 107x 152 mm
<b>Weight</b>	1684g
<b>Power Requirements</b>	Dual 48~56V DC (>51V DC for PoE+ output recommended)
<b>Power Consumption</b>	Max. 11.1 watts/37.87BTU (Power on without any connection) Max. 306 watts/1043.46BTU (Full loading with PoE function)
<b>Power Over Ethernet</b>	
<b>PoE Standard</b>	IEEE 802.3at Power over Ethernet Plus/PSE
<b>PoE Power Supply Type</b>	End-span
<b>PoE Power Output</b>	IEEE 802.3af Standard - Per port 48V~51V DC (depending on the power supply), max. 15.4 watts IEEE 802.3at Standard - Per port 51V~56V DC (depending on the power supply), max. 36 watts
<b>Power Pin Assignment</b>	1/2(+), 3/6(-)
<b>PoE Power Budget</b>	Dual power input: 240W maximum (depending on power input)
<b>Layer 2 Function</b>	
<b>Port Configuration</b>	Port disable/enable Auto-negotiation 10/100/1000Mbps full and half duplex mode selection Flow control disable/enable Power saving mode control
<b>Port Status</b>	Display each port's speed duplex mode, link status, flow control status, auto negotiation status, trunk status

Specification	
<b>VLAN</b>	802.1Q tagged based VLAN, up to 255 VLAN groups Q-in-Q tunneling Private VLAN Edge (PVE) MAC-based VLAN Protocol-based VLAN Voice VLAN MVR (Multicast VLAN Registration) Up to 255 VLAN groups, out of 4094 VLAN IDs
<b>QoS</b>	Traffic styleification based, strict priority and WRR 8-level priority for switching - Port number - 802.1p priority - 802.1Q VLAN tag - DSCP/TOS field in IP packet
<b>IGMP Snooping</b>	IGMP (v1/v2/v3) snooping, up to 255 multicast groups IGMP querier mode support
<b>MLD Snooping</b>	MLD (v1/v2) snooping, up to 255 multicast groups MLD querier mode support
<b>Access Control List</b>	IP-based ACL/MAC-based ACL Up to 123 entries
<b>Bandwidth Control</b>	Per port bandwidth control Ingress: 500Kb~1000Mbps Egress: 500Kb~1000Mbps
<b>SNMP MIBs</b>	RFC-1213 MIB-II IF-MIB RFC-1493 Bridge MIB RFC-1643 Ethernet MIB RFC-2863 Interface MIB RFC-2665 Ether-Like MIB RFC-2819 RMON MIB (Group 1, 2, 3 and 9) RFC-2737 Entity MIB RFC-2618 RADIUS Client MIB RFC-2933 IGMP-STD-MIB RFC3411 SNMP-Frameworks-MIB IEEE 802.1X PAE LLDP MAU-MIB
<b>Layer 3 Function</b>	
<b>IP Interfaces</b>	Max. 128 VLAN interfaces
<b>Routing Table</b>	Max. 32 routing entries
<b>Routing Protocols</b>	IPv4 hardware static routing IPv6 hardware static routing
<b>Standards Conformance</b>	
<b>Regulatory Compliance</b>	FCC Part 15 Class A, CE
<b>Stability Testing</b>	IEC60068-2-32 (free fall) IEC60068-2-27 (shock) IEC60068-2-6 (vibration)

Specification	
<b>Standards Compliance</b>	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 100T IEEE 802.3ae 10Gb/s Ethernet IEEE 802.3x flow control and back pressure IEEE 802.3ad port trunk with LACP IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1s Multiple Spanning Tree Protocol IEEE 802.1p Class of Service IEEE 802.1Q VLAN tagging IEEE 802.1x Port Authentication Network Control IEEE 802.1ab LLDP IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus RFC 768 UDP RFC 793 TFTP RFC 791 IP RFC 792 ICMP RFC 2068 HTTP RFC 1112 IGMP v1 RFC 2236 IGMP v2
<b>Environment</b>	
<b>Operating Temperature</b>	-40 ~ 75 degrees C
<b>Storage Temperature</b>	-40 ~ 85 degrees C
<b>Humidity</b>	5 ~ 95% (non-condensing)
<b>POE Managed Switches :: Ubiquiti</b>	
<b>EdgeSwitch 16-150W 802.3at Gigabit Managed Switch</b>	
<b>Ubiquiti</b>	<b>UBIES16150</b>
	
Ubiquiti EdgeSwitch 16-150W	
<b>EdgeSwitch 24-250W 802.3at Gigabit managed Switch PoE switch</b>	
<b>Ubiquiti</b>	<b>UBIES24250</b>
	
Ubiquiti EdgeSwitch 24-250W Managed Gigabit PoE switch. 24-PoE ports. 250W	

## EdgeSwitch 24 500W 802.3at Gigabit Managed Switch

Ubiquiti **UBIES24500**



Ubiquiti EdgeSwitch 24 -500W

## EdgeSwitch 48 -500W Gigabit Managed Switch

Ubiquiti **UBIES48500**



Ubiquiti EdgeSwitch 48 -500W

## EdgeSwitch 48 -750W 802.3at Gigabit Managed Switch

Ubiquiti **UBIES48750**



Ubiquiti EdgeSwitch 48 -750W

## EdgeSwitch 8 Ports + 2 SFP ports (1G) PoE 150W

Ubiquiti **UBIES8150**



Ubiquiti EdgeSwitch 8 Ports + 2 SFP ports (1G) PoE 150W. 240VAC. 54VDC.

## Ubiquiti TS-5-POE ToughSwitch 5 port 24v passive PoE Gigabit switch

Ubiquiti **UBITS5POE**



Ubiquiti TS-5-POE ToughSwitch 5 port 24v passive PoE Gigabit switch

## Unmanaged Switches

### D-Link

## 16-Port 10/100/1000Mbps Copper Gigabit Switch

D-Link **ICTDGS1016D**



D-link DGS-1016D 16-Port 10/100/1000Mbps Copper Gigabit Ethernet Switch

## 24-Port 10/100/1000Mbps Copper Gigabit Switch

D-Link **ICTDGS1024D**



D-link DGS-1016D 16-Port 10/100/1000Mbps Copper Gigabit Ethernet Switch

### TP Link

## TP-Link TL-SG1016D 16 Port Gigabit Un-Managed switch Desktop/Rackmount

TP Link **TLSG1016**



TP-Link TL-SG1016D 16 Port Gigabit Un-Managed switch Desktop/Rackmount

## POE Unmanaged Switches

### POE Unmanaged Switches :: Edimax

EDES1008PL

Edimax **EDGS1008PL**



Edimax ED-ES-1008PL 8-Port Gigabit Ethernet Switch With 4 PoE Ports

### POE Unmanaged Switches :: Ubiquiti

Ubiquiti Fiber PoE

Ubiquiti **UBIFPOE**

## Ubiquiti Fiber PoE Optical Data Transport for Outdoor POE Devices

Ubiquiti Nanoswitch 4 port passive PoE switch

Ubiquiti **UBINS**

### POE Unmanaged Switches :: WAMA

CO-16ES1 16-ch PoE unmanaged network switch 150W

WAMA **WAMCO16ES1**



16-ch PoE unmanaged network switch, PoE 10/100M x 16, gigabit x 2, max. power 150W

Specifications	
Pass Through Data Rates	16-Port 10/100Mbps; 2-Port 10/100/1000Mbps
PoE Standard	IEEE 802.3af, IEEE 802.3at (PoE+)
LED	Power (Green) 10/100 LNK / ACT (Green)
PoE Power Output	54V DC, 560mA, max. 30W per port, 123W (Total)
PoE Power Supply Type	1/2(+), 3/6(-), Mode-A, End-Span
Power Requirement	100~240V AC, 50-60Hz, 150W (Max.)
Storage Environment	-10degC ~ 55degC / 20 - 90% humidity (non-condensing)
Operating Environment	0degC ~ 40degC / 20 - 90% humidity (non-condensing)
Dimension (mm)	280 (W) x 180 (D) x 44 (H)
Weight	2 kg

### 16-ch PoE unmanaged network switch 250W

WAMA **WAMCO16ES2**



16-ch PoE unmanaged network switch, PoE 10/100M x 16, gigabit/SFP x 2, max. power 250W

Specifications	
Pass Through Data Rates	16-Port 10/100Mbps; 2-Port (Gigabit / SFP) 10/100/1000Mbps
PoE Standard	IEEE 802.3af, IEEE 802.3at (PoE+)
LED	Power (Green) PoE In-use (Orange) 10/100 LNK / ACT (Green)
PoE Power Output	54V DC, 560mA, max. 30W per port, 220W (Total)
PoE Power Supply Type	1/2(+), 3/6(-), Mode-A, End-Span
Power Requirement	100 ~ 240V AC, 50-60Hz, 250W (Max.)
Storage Environment	-10degC ~ 55degC / 20 - 90% humidity (non-condensing)
Operating Environment	0degC ~ 40degC / 20 - 90% humidity (non-condensing)
Dimension (mm)	440 (W) x 208 (D) x 44 (H)
Weight	4 kg

## Routers

### Edimax

Edimax **EDR6478AC2**

### MikroTik

#### CCR1016 Cloud Core Router with 12 X SFP 1X SFP+

MikroTik **MIKCCR1016**



Cloud Core Router with 12 X SFP 1X SFP+. 16 CORE CPU

#### MIKGRA52HPN

MikroTik **MIKGRA52HPN**



MikroTik GrooveA-52HPn. Dual Band Outdoor AP

#### RB2011iL-RM Routerboard Rack Mount. 5GbE, 5FE.

MikroTik **MIKRB2011LR**



MikroTik 2011iL-RM Routerboard Rack Mount. 5GbE, 5FE.

#### RB2011 Routerboard Rack Mount

MikroTik **MIKRB2011R**



MikroTik 2011 Routerboard Rack Mount. SFP, 5Gb, 5FE, USB, RS-232

#### RB3011 Routerboard Rack Mount. SFP, 10GbE, USB3.0

MikroTik **MIKRB3011R**



MikroTik 3011 Routerboard Rack Mount. SFP, 10GbE, USB3.0

#### RB951UI-2-HnD Routerboard Soho wireless AP with 5 Ethernet and USB

MikroTik **MIKRB951U**



MikroTik Router Board RB951UI 2 HnD :Soho wireless AP with 5 Ethernet and USB

### MikroTik RBWAPG-60ad: "Wireless Wire" 60 GHz link pair

MikroTik **MIKRBWAPG60**



MikroTik RBWAPG-60ad: "Wireless Wire" 60 GHz link pair

### Teltonika

#### Industrial 3G+4G+4GX Modem Router

Teltonika **RTTKRUT950**



Teltonika RUT950 Industrial 3G+4G+4GX Modem Router

### Ubiquiti

#### Ubiquiti AirRouter

Ubiquiti **UBIAIRRT**



Ubiquiti AirRouter

#### Ubiquiti EdgeRouter 4 (ER4)

Ubiquiti **UBIER4**

EdgeRouter 4 Model: ER-4 (3) Gigabit RJ45 routing ports (1) Gigabit SFP port 3.4 million packets per second for 64-byte packets 4 Gbps for packets 128 bytes or larger in size Silent, fanless operation Compact, durable metal case

#### UBIER6P

Ubiquiti **UBIER6P**



Ubiquiti EdgeRouter 6P 6 Port Gigabit PoE Router With 1 SFP Port

### Specifications

<b>Dimensions</b>	229 x 136.5 x 31.1 mm (9.02 x 5.37 x 1.22 in)
<b>Weight</b>	795 g (1.75 lb)
<b>Max. Power Consumption</b>	13W
<b>Power Internal</b>	AC Power Adapter
<b>Power Input</b>	110 - 240VAC
<b>Processor</b>	4-Core 1 GHz, MIPS64
<b>System Memory</b>	1 GB DDR3 RAM
<b>On-Board Flash Storage</b>	4 GB eMMC, 8 MB SPI NOR
<b>Rack-Mountable</b>	Yes
<b>Operating Temperature</b>	-10 to 50° C (14 to 122° F)
<b>Operating Humidity</b>	10 - 90% Noncondensing
<b>Certifications</b>	CE, FCC, IC

### EdgeRouter Console Cable

Ubiquiti **UBIERCNCBL**



Serial console cable for Edge Router allows configuration of the router without an IP address

### EdgeRouter-Lite 3

Ubiquiti **UBIERLITE**



EdgeRouter Switch Lite 3 Gigabit port

### EdgeRouter PoE 5

Ubiquiti **UBIERPOE5**



Ubiquiti EdgeRouter PoE 5

### EdgeRouter Pro-8

Ubiquiti **UBIERPRO8**



Ubiquiti EdgeRouter Pro-8

### Ubiquiti EdgeRouter Rackmount Kit

Ubiquiti **UBIERRMKIT**

Ubiquiti EdgeRouter Rackmount Kit

### Ubiquiti EdgeRouter-X (AU power supply)

Ubiquiti **UBIERXAU**

Ubiquiti EdgeRouter-Lite 3

### Ubiquiti EdgeRouter-X-SFP (AU power supply)

Ubiquiti **UBIERXSFP**

Ubiquiti EdgeRouter-X-SFP (AU power supply)

### UniFi Security Gateway

Ubiquiti **UBIUSG**



Ubiquiti UNFI Security Gateway

### UniFi Security Gateway PRO 4

Ubiquiti **UBIUSGPRO4**



UNFI Enterprise Gateway Router with Giga PRO 4

### UBIUSGXG8

Ubiquiti **UBIUSGXG8**

Ubiquiti 10 Gigabit SFP+ UniFi Security Gateway

### Unbranded / Generic

Telstra Turbo 21 USB308/306/301/ Elite USB Modem FME/M 500mm Patch Lead

Unbranded / Generic **PL2006**



Telstra Turbo 21 USB308/306/301/ Elite USB Modem FME/M 500mm Patch Lead

## Client Management

4ipnet

### Gigabit Wireless Hotspot Gateway

4ipnet **4IPHSG1100**



Gigabit Wireless Hotspot Gateway

### Wireless Hotspot Gateway

4ipnet **4IPHSG260**



Wireless Hotspot Gateway with integrated WiFi

### Wireless Hotspot Gateway

4ipnet **4IPHSG327**



Wireless Hotspot Gateway

### Secure WLAN Controller

4ipnet **4IPWHG201**



Secure WLAN Controller. WAN 1 (or 2) x GbE = LAN 4 (or 3) x GbE. 10 AP management. 2000 local + 2000 on-demand accounts

## Ubiquiti

UBIUASXG

Ubiquiti

UBIUASXG

Ubiquiti UniFi Application Server- 120GB SSD On-board Flash Storage, Intel Xeon-D-1521 Processor, 32GB DDR System Memory

## Hotspot Accessories

### 4ipnet

Thermal Printer QR Code Capable

4ipnet

4IPPRT200



Thermal Printer QR Code Capable. Used in conjunction with 4IPNet SDS200W wireless keypad

Wireless Smart Device Server Keypad

4ipnet

4IPSDS200W



Wireless Smart Device Server/keypad. Use in conjunction with PRT200 POS QR printer

## IP over Legacy Cables

### Novonde

G.hn Wave2 IP over Coax Client

Novonde

G2CC2



Novonde G.hn Wave 2 IP over Coax Adaptor, 1 Gigabit G.hn Coax port, 2 x 10/100/1000 Mbps RJ45.

G.hn IP over Coax Client, 1 Gigabit G.hn Coax port, 1 x 10/100/1000 Mbps RJ45.

Novonde

GCC1



Novonde G.hn Coax Client. 1 Gigabit G.hn Coax port. 1 x 10/100/1000 Mbps RJ45

500Mbps - Enterprise EoC Gateway Unit

Novonde

GCM14



Novonde G.hn IP over Coax Master, 4 port Gigabit G.hn Coax ports, 2 x 1.25 Gbps SFP uplink

500Mbps - Enterprise EoC Gateway Unit

Novonde

GCM18



Novonde G.hn Coax Master. 8 Gigabit G.hn Coax Ports. 2 x 1.25 Gbps SFP Uplinks

G.hn Wave 2 IP over Coax Client

Novonde

GCW2C2



Novonde G.hn IP over Coax Client, 1 Gigabit G.hn Coax port, 2 x 10/100/1000 Mbps RJ45

1~2Gbps - Enterprise EoC Gateway Unit

Novonde

GCW2M4



Novonde G.hn Wave2 Gigabit IP over Coax Master, 4 port Gigabit G.hn Coax ports, 2 x SFP & 2 x SFP+ uplinks

G.hn Coax Client. 1 Gigabit G.hn Coax port. 4 x 10/100 Mbps RJ45. 802.11n WiFi Router.

Novonde

GCW4



Novonde G.hn Coax Client. 1 Gigabit G.hn Coax Port. 4 x 10/100 Mbps RJ45. 802.11n WiFi Router

G.hn Coax AC WiFi Access Point

Novonde

GCWAC4



G.hn Coax Client. 1 Gigabit G.hn Wave2 Coax port. 4 x 10/100 Mbps RJ45. 802.11AC WiFi Router.

### Tangotec

500Mbps - Enterprise EoC Ethernet Adaptor

Tangotec

PCE500

Tangotec - 500Mbps - Enterprise EoC Ethernet Adaptor

500Mbps - Enterprise EoC Gateway Unit

Tangotec

PCE500GW



Tangotec - 500Mbps - Enterprise EoC Gateway Unit

200Mbps - Enterprise EoC Ethernet Adaptor

Tangotec

PCE5080

Tangotec - 200Mbps - Enterprise EoC Ethernet Adaptor

200Mbps - Enterprise EoC Ethernet Adaptor with 3 LANs

Tangotec

PCE50803L

Tangotec - 200Mbps - Enterprise EoC Ethernet Adaptor with 3 LANs

200Mbps - Enterprise EoC Gateway Unit

Tangotec

PCE5080GW



Tangotec - 200Mbps - Enterprise EoC Gateway Unit

WLAN 802.11n over COAX

Tangotec

PCR500

Tangotec - 500Mbps - Residential 3 Wire Ethernet Adaptor

## Tangotec - 200Mbps - Residential 3 Wire Ethernet Adaptor

Tangotec

PCR5080



Tangotec - 200Mbps - Residential 3 Wire Ethernet Adaptor

## Tangotec - 200Mbps - Residential 3 Wire Ethernet Adaptor with 3 LANs

Tangotec

PCR50803L



Tangotec - 200Mbps - Residential 3 Wire Ethernet Adaptor with 3 LANs

## 200Mbps - Residential 3 Wire Ethernet Adaptor with 2 LANs & WLAN 802.11n

Tangotec

PCR5080WL

Tangotec - 200Mbps - Residential 3 Wire Ethernet Adaptor with 2 LANs & WLAN 802.11n

## WLAN 802.11n over COAX

Tangotec

WCR130G

Tangotec - WLAN 802.11n over Coax

## Fiber Optics

### TP Link

## TP-Link TL-SM311LM Gigabit SFP Module

TP Link

TLSM311LM



TP-Link TL-SM311LM Gigabit SFP Module

## Media Converters

### First Mile

## 2 x GE - 8 x FE media converter , remote chassis, Standalone Config

First Mile

FMONA2008S



First Mile 2 x GE - 8 x FE media converter , remote chassis, Standalone Config

## Gigabit Media Converter, Standalone Card & Chassis

First Mile

FMONA2012S



FirstMile Gigabit Media Converter, Standalone Card & Chassis

## SFP

### First Mile

## SFP GE (copper) module

First Mile

FMSFPGE



First Mile SFP GE (Copper) Module

## Dual Fiber SFP BLUE Module SFPS-3324L-020CD (1.25G SM TxRx 1310nm 20KM DDM)

First Mile

FMSFPS3324L



First Mile Dual Fiber SFP BLUE Module (1.25G SM TxRx 1310nm 20KM DDM)

## SFP SC/PC BiDi Blue (Tx1310/Rx1550)

First Mile

FMSFPSCBBL



FirstMile SFP SC/PC BiDi Blue (Tx1310/Rx1550)

## SFP SC/PC BiDi Green (Tx1550/Rx1310)

First Mile

FMSFPSCBGR



FirstMile SFP SC/PC BiDi Green (Tx1550/Rx1310)

## U Fiber Multi-Mode SFP Module, 1G, 2-pack

First Mile

UBIUFGM1G



Ubiquiti U Fiber Multi-Mode SFP Module 1G (2-pack) UF-MM-1G

### MikroTik

## SFP/SFP+ direct attach cable, 1m

MikroTik

MIKSPDA001

SFP/SFP+ direct attach cable, 1m

### Unbranded / Generic

## SFP SC/PC BiDi (Tx1310/Rx1550) UBNT/Mikrotik compatible (Pair)

Unbranded / Generic

SFPBI20SC

SFP SC/PC BiDi (Tx1310/Rx1550) UBNT/Mikrotik compatible (Pair)



SFP+ (10Gb) LC BiDi (Tx1310/Rx1550) UBNT/ Mikrotik compatible (Pair)

Unbranded / Generic

SFPP10BLC

SFP+(10Gb) LC BiDi (Tx1310/Rx1550) UBNT/Mikrotik compatible (Pair)

## Siretta

ANTTANGO26



**Siretta - TANGO 6A/4M/ SMAM/SMAM/S/S/20 - 33785** - Quad Band GSM GPS Shark Fin Antenna 2 X4 M CABLES SMA male GSM + SMA Male GPS

Unbranded / Generic

PL2105



**Unbranded / Generic - ZTE Mobile Phone to FME/M patch lead 500mm**

Unbranded / Generic

ZTE Mobile Phone to FME/M patch lead 500mm

Unbranded / Generic

PL2105



ZTE Mobile Phone to FME/M patch lead 500mm

## Mobile Antennas

### Siretta

ANTALPHA14



**Siretta - ALPHA 14/2.5M/ SMAM/S/S/26 - 33782** - Quad Band GSM,3G & ISM Antenna with 2.5M SMA male connector

ANTALPHA3A



**Siretta - ALPHA 3A/3M/SMAM/S/S/26** - Quad Band GSM/ GPRS,3G,WiFi & ISM Adhesive Antenna with 3M cable SMA male

ANTALPHA4A



**Siretta - ALPHA 4A/5M/ SMAM/S/S/26 - 33873** - Adhesive Mount GPS Antenna - 26dBi IP67 Rated 5M RG174 SMA male connector

ANTDELTA1A



**Siretta - DELTA 1A/x/ SMAM/S/S/11 - 34368** - Quad Band GSM, 3G & ISM SMA Male Stubby Antenna

ANTDELTA2



**Siretta - DELTA 2A/x/ SMAM/S/RA/11 - 34369** - Quad Band GSM/ GPRS, 3G & ISM SMA Male Right Angle Stubby Antenna

ANTDELTA6A



**Siretta - DELTA 6A/x/ SMAM/S/S/11 - 33416** - Quad Band GSM, 3G & ISM Omni Swivel Antenna SMA male

## Satellite Phones

### Thuraya

Thuraya SatSleeve Spare Battery 1000524

Thuraya

PHSATBATS LV

Thuraya SatSleeve Spare Battery 1000524

Thuraya XT/XT-LITE Spare Battery 1000525

Thuraya

PHSATBATX TL



Thuraya XT/XT-LITE Spare Battery 1000525

Thuraya Car Charger For XT-Lite Car Kit

Thuraya

PHSATCARCHR



Thuraya Car Charger For XT-Lite Car Kit (1000523)

Thuraya XT/XT-Lite Hands Free Car Kit

Thuraya

PHSATCARKIT



Thuraya XT/XT-Lite Hands Free Car Kit (7000015)

Thuraya PHSATSLEEVE

Thuraya

PHSATSLEEVEAD



Thuraya SatSleeve Plus Adaptor

Thuraya SatSleeve Hotspot

Thuraya

PHSATSLLEEVEHOTSPOT



Thuraya SatSleeve Hotspot

## Thuraya SatSleeve Hotspot Stand

Thuraya

PHSATSLEEVEHS



Thuraya SatSleeve Hotspot Stand

## Thuraya SatSleeve Plus Unit

Thuraya

PHSATSLEEVEPLUS



Thuraya SatSleeve Plus Unit

## Thuraya Antenna - Kit for SatSleeve XT and XT-Lite ,5m Cable Included

Thuraya

PHSATSLVEXTANT



Thuraya Antenna - Kit for SatSleeve XT and XT-Lite ,5m Cable Included

## Thuraya XT-Lite Satellite Phone Hand Set

Thuraya

PHSATTHUXTL

Optus Thuraya XT Lite Satellite Phone (ships with free SIM - USIMSAT)

## Optus W&S Thuraya SatSleeve OWS SIM

Thuraya

USIMSAT

Optus W&S Thuraya SatSleeve OWS SIM

## Off-grid & Solar Products

### Planet

#### Industrial Solar Power 5-Port Gigabit with 4xPoE+ (802.3at)

Planet

PLBSP360



Planet Industrial Solar Power 5-Port Gigabit with 4xPoE+ (802.3at)

#### Specifications



<b>Copper Ports</b>	LAN: 5 10/100/1000Mbps auto MDI/MDI-X RJ45 port (Port 1 to Port 5, bridge mode)  WAN: 1 10/100/1000Mbps auto MDI/MDI-X RJ45 port (Port 5, gateway mode)
<b>PoE Injector Port</b>	4 ports with 802.3af/802.3at PoE injector function (Port 1 to Port 4)
<b>USB</b>	1 USB Type A female for setting backup
<b>Power Output</b>	4 PoE out 51VDC; max. 30 watts per PoE port  2 DC out 24@ 1A maximum (four-pin terminal block)
<b>Switch Architecture</b>	Store-and-Forward
<b>Switch Fabric</b>	10Gbps/non-blocking
<b>Switch Throughput@64 bytes</b>	5.95Mpps@64 bytes
<b>MAC Address Table</b>	8K entries
<b>Shared Data Buffer</b>	512Kbit
<b>Flow Control</b>	IEEE 802.3x pause frame for full-duplex Back pressure for half-duplex
<b>Reset Button</b>	< 5 sec: System reboot > 5 sec: Factory default
<b>Connector</b>	Removable 6-pin terminal block Pin 1/2 for PV panel; Pin 3/4 for alarm; Pin 5/6 for battery
<b>Alarm</b>	1 Digital Output (DO): Level 0: -24V~2.1V (±0.1V) Level 1: 2.1V~24V (±0.1V) Open collector to 24V DC, 100mA max.
<b>Power Requirements</b>	PV in: 24~45V DC Battery in/out: 24V DC
<b>Power Consumption/Dissipation</b>	5.04 watts, 17.1BTU (Standby without PoE function) 6.96 watts, 23.7 BTU (Full loading without PoE function) 135.36 watts, 461.5 BTU (Full loading with PoE function)
<b>Dimensions (W x D x H)</b>	84 x 107 x 152 mm
<b>Weight</b>	1026g

#### Specifications

<b>ESD Protection</b>	6KV DC
<b>Enclosure</b>	IP30 aluminum case
<b>Installation</b>	DIN-rail kit and wall-mount ear
<b>Power over Ethernet</b>	
<b>PoE Standard</b>	IEEE 802.3af/802.3at Power over Ethernet PSE
<b>PoE Power Supply Type</b>	End-span
<b>PoE Power Output</b>	Per port 51V DC, 275mA. Max. 15.4 watts (IEEE 802.3af) Per port 51V DC, 535mA. Max. 30 watts (IEEE 802.3at)
<b>Power Pin Assignment</b>	1/2 (+), 3/6 (-)
<b>PoE Power Budget</b>	120 watts (PoE consumption + DC out and depending on power input)
<b>Max. Number of Class 2 PDs</b>	4
<b>Max. Number of Class 3 PDs</b>	4
<b>Max. Number of Class 4 PDs</b>	4
<b>Electrical Characteristics</b>	
<b>System Voltage Rating</b>	24V DC
<b>Maximum Charging Current</b>	6A
<b>Max. Solar Array VOC</b>	60V DC
<b>Max. Operating Voltage</b>	45V DC
<b>Total Current Consumption</b>	While operating -32mA At idle -11mA
<b>High Temperature Shutdown</b>	100 degrees C disconnect solar and load 80 degrees C reconnect solar and load
<b>Battery Charging Characteristics</b>	
<b>Charge Algorithm</b>	Bulk charge (constant current), Absorption charge (constant voltage) and Floating charge. Absorption and Floating charge with PWM protection.
<b>Maximum Output Current</b>	6A
<b>Nickel-cadmium Battery</b>	+/- 40 mV/degrees Celsius for NiCad type batteries; charge cut-off @ 55 degrees C (Temperature compensation baseline@ 25 degrees C)
<b>Lead Acid Battery (Default Setting)</b>	±60 mV/degrees Celsius for lead acid type batteries; charge cut-off @ 55 degrees C (Temperature compensation baseline@ 25 degrees C)
<b>Float Charge Voltage</b>	DC 27.2V (26.0~30.0V)
<b>Absorption Charge Voltage</b>	DC 29.2V (28.0~32.0V)
<b>LVD (Low Voltage Disconnection)</b>	DC 22.2V (21.0~25.0V)
<b>LVR (Low Voltage Reconnection)</b>	DC 24.8V (23.0~27.0V)
<b>Router Features</b>	

Specifications	
<b>Internet Connection Type</b>	Shares data and Internet access with users, supporting the following internet accesses: <ul style="list-style-type: none"> <li>• PPPoE</li> <li>• Dynamic IP</li> <li>• Static IP</li> <li>• PPTP</li> <li>• L2TP</li> </ul>
<b>Firewall</b>	NAT firewall with SPI (Stateful Packet Inspection) Built-in NAT server supporting Port Forwarding, and DMZ Built-in firewall with IP address/MAC address/Port/ URL filtering Supports ICMP-FLOOD, UDP-FLOOD, TCP-SYN-FLOOD filter, DoS protection
<b>Routing Protocol</b>	Static/Dynamic (RIP1 and 2) routing
<b>VPN Pass-through</b>	PPTP, L2TP, IPsec, IPv6
<b>LAN</b>	Built-in DHCP server supporting static IP address distribution Supports UPnP, Dynamic DNS Supports IGMP Proxy Supports 802.1d STP (Spanning Tree) IP/MAC-based bandwidth control
Management	
<b>Management Interface</b>	Setup of system/management functions Web firmware upgrade SNMP trap for alarm notification of events
<b>PoE Management</b>	Power limit by consumption and allocation PoE admin mode Per port power schedule Per port power enable/disable Power feeding priority Current per port usage and status Total power consumption PD alive check Scheduled power recycling
<b>Battery Management</b>	Battery current usage and status Battery capacity statistics Low Voltage Cut-Off Protection
Standards Conformance	
<b>Regulatory Compliance</b>	FCC Part 15 Class A, CE
<b>Standards Compliance</b>	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.1D Spanning Tree Protocol IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus RFC 768: UDP RFC 791: IP RFC 2068 HTTP RFC 1157: SNMP v1 RFC 1902: SNMP v2 RFC 5424: Syslog
Environment	
<b>Operating</b>	Temperature: -10 ~ 60 degrees C Relative Humidity: 5 ~ 95% (non-condensing)

Specifications	
<b>Storage</b>	Temperature: -10 ~ 70 degrees C Relative Humidity: 5 ~ 95% (non-condensing)
ICT Accessories	
4ipnet	
<b>14dBi 2.4GHz panel antenna. N-female</b>	
<b>4ipnet</b>	<b>4IPAPD2414</b>
	
14dBi 2.4GHz panel antenna. N-female	
MikroTik	
<b>Omni Directional Antenna 8dBi N-fem</b>	
<b>MikroTik</b>	<b>MIKOMNI8</b>
	
MikroTik Omni Directional Antenna 8dBi N-fem	
Planet	
<b>Planet Industrial Power DIN rail 48VDC 120W</b>	
<b>Planet</b>	<b>PLPWR12048</b>
	
Planet Industrial Power DIN rail 48VDC 120W	
Specifications	
<b>Dimensions(W x D x H)</b>	65 x 100 x 125 mm
<b>Weight (kg)</b>	0.79kg
<b>Input Voltage</b>	100-240V AC, 50/60Hz, 3.3A, 248-370V DC
<b>Power Output</b>	120 watts, 48V, 2.5A

Specifications	
<b>Temperature</b>	Operating: -10~60 degrees C Storage: -20~85 degrees C
<b>Humidity</b>	Operating: 20 ~ 90% Storage: 10 ~ 95% (non-condensing)
<b>Installation</b>	DIN rail TS-35/7.5 or 15
<b>Safety &amp; Function</b>	UL508, UL60950-1, TUV EN60950-1 approved
Planet Industrial Power DIN rail 48VDC 240W	
<b>Planet</b>	<b>PLPWR24048</b>
	
Planet Industrial Power DIN rail 48VDC 240W	
Specifications	
<b>Dimensions(W x D x H)</b>	125 x 100 x 125 mm
<b>Weight (kg)</b>	1.2kg
<b>Input Voltage</b>	100-240V AC, 50/60Hz, 3.5A, 120-370V DC
<b>Power Output</b>	240 watts, 48V , 5A
<b>Temperature</b>	Operating: -10~70 degrees C Storage: -20~85 degrees C
<b>Humidity</b>	Operating: 20 ~ 90% Storage: 10 ~ 95% (non-condensing)
<b>Installation</b>	DIN rail TS-35/7.5 or 15
<b>Safety &amp; Function</b>	UL508, UL60950-1, TUV EN60950-1 approved
RF Armour	
<b>RF Shielding designed for the Ubiquiti 2.4GHz Omni/Rocket M2</b>	
<b>RF Armour</b>	<b>RFAOMS2</b>
	
RF Shielding designed for the Ubiquiti 2.4GHz Omni/Rocket M2	

## RF Armour Rocket Dish kit -100cm UDK5

RF Armour

RFAUDK5



RF Armour Rocket Dish kit -100cm UDK5

## RF Armour Rocket M3 Cover

RF Armour

RFAUSC3



RF Armour Rocket M3 Cover

## RF Armour Sector Kit 120 Degree - Small

RF Armour

RFAUSK120SM



RF Armour Sector Kit 120 Degree - Small

## RF Armour Sector Kit 90 Degree - Large

RF Armour

RFAUSK90



RF Armour Sector Kit 90 Degree - Large

## Ubiquiti

### Precision Alignment Kit

Ubiquiti

UBIPAK620



Ubiquiti Precision Alignment Kit Can Be used with any of these dish antennas (airFiber AF-5G30-S45, PowerBeam PBE-5AC-620, PowerBeam PBE-M5-620, and RocketDish RD-5G30-LW)

## Unbranded / Generic

### Computer Lead CC11 DB9 Sk-Sk Null Modem

Unbranded / Generic

MISCC11



Computer Lead CC11 DB9 Sk-Sk Null Modem

### RJ45 Feed Through IP68 Weather Proof Feed Through Grommet

Unbranded / Generic

RJ45IP68FT



RJ45 Feed Through IP68 Weather Proof Feed Through Grommet

## POE Accessories

### Edimax PoE+ (802.3at) gigabit (30W) injector

EDGP101IT

## Edimax

### Edimax PoE+ (802.3at) gigabit ethernet range extender

Edimax

EDGP101ET

### Edimax Pro Gigabit PoE+ Splitter (adjustable 5V, 9V and 12V)

Edimax

EDGP101ST

Edimax Pro Gigabit PoE+ Splitter (adjustable 5V, 9V and 12V)

## DC Power Supplies for POE switches

## 4ipnet

### 4IPNET POE30G GbE PoE Injector

4ipnet

4IPPOE30G



4IPNET POE30G GbE PoE Injector

## Ubiquiti

### POE 802.3af Converter convert 48v POE to 12/24v POE MIT-22-1224

Ubiquiti

MIT221224



POE 802.3af Converter convert 48v POE to 12/24v POE MIT-22-1224

## POE 14 to 24V DC/DC Converter

Ubiquiti

MITPOE1424



POE 14 to 24V DC/DC Converter

## POE 802.3af Converter convert 48v POE to 12/24v POE MIT-22-1224

Ubiquiti

MITPOE1448



POE 14 to 48V DC/DC Converter

## Solar Battery Charger - with POE - 24V

Ubiquiti

MTSSBC24



Solar Battery Charger - with POE - 24V

## Solar Battery Charger - with POE - 48V

Ubiquiti

MTSSBC48



Solar Battery Charger - with POE - 48V

## Ubiquiti EdgePower 54V 150W (inc 1x AC module)

Ubiquiti

UBIEP54150

Ubiquiti EdgePower 54V 150W (inc 1x AC module)

## Specifications

<b>Dimensions without Mount Brackets</b>	299.8 x 286.9 x 42.55 mm (11.89 x 11.3 x 1.675")
<b>Weight without Mount Brackets</b>	2.7 kg (5.95 lb)
<b>Power Method</b>	100-240VAC/50-60 Hz, Universal Input
<b>Power Supply Module</b>	54V, 150W AC/DC, Model EP-54V-150W-AC, Installed in PSU 1
<b>Maximum Power Output</b>	150W (1 PSU Module) 300W (2 PSU Modules @ 150W Each)
<b>Power</b>	System On/Off
<b>Ethernet</b>	Management Port Link
<b>PSU</b>	PSU1+PSU2, PSU1/PSU2
<b>Networking Interface</b>	(1) 10/100 RJ45 Ethernet
<b>Management Interface</b>	Ethernet In-Band, Web UI
<b>Rack-Mount</b>	Yes, 1U High
<b>Operating Temperature</b>	0 to 40°C (32 to 104° F)
<b>Operating Humidity</b>	10 to 90% RH
<b>ESD/EMP Protection</b>	Air ± 24KV; Contact ± 24KV
<b>Certifications</b>	CE, FCC, IC

## Ubiquiti EdgePower Spare AC module

Ubiquiti

UBIEPAC150W

Ubiquiti EdgePower Spare AC module

## 48V PSU PoE Kit for EdgeRouter5 PoE

Ubiquiti

UBIER548VK



48V PSU PoE Kit for EdgeRouter5 PoE

## POE 802.3af Converter -12W

Ubiquiti

UBIMIT2212



Ubiquiti POE 802.3af Converter -12W

## Grounded PoE Adaptor 15V, 0.8A

Ubiquiti

UBIPOE15



Ubiquiti grounded Grounded PoE Adaptor 15V, 0.8A

## Grounded PoE Adaptor 24V, 0.3A, Gigabit

Ubiquiti

UBIPOE2407W



Grounded PoE Adaptor 24V, 0.3A, Gigabit

## Specifications

<b>Dimensions</b>	72 x 45 x 33 (2.84 x 1.75 x 1.33")
<b>Weight</b>	72.1g (2.54 oz)
<b>Output Voltage</b>	24VDC @ 0.3A
<b>LAN Activity Indicator</b>	No
<b>Gigabit LAN Port</b>	Yes
<b>Remote Reset Capability</b>	Yes
<b>Reset Button</b>	Yes
<b>Input Voltage</b>	100-240AC @ 50/60Hz
<b>Input Current</b>	0.3A @ 120VAC, 0.2A @ 240VAC
<b>Inrush Current</b>	40A Peak @ 120VAC, 70A Peak @ 230VAC
<b>Efficiency</b>	80+%
<b>Output Ripple</b>	1% Max.
<b>Switching Frequency</b>	65 kHz
<b>Line Regulation</b>	± 1%
<b>Load Regulation</b>	± 3%
<b>2-Pair Powering</b>	Pins 4, 5 (+) and Pins 7, 8 (-)
<b>Operating Temperature</b>	0 to 40° C (32 to 104° F)
<b>Storage Temperature</b>	-30 to 70° C (-22 to 158° F)
<b>Operating Humidity</b>	35 to 95% Noncondensing
<b>AC Connector</b>	IEC-320 C6
<b>Data IN / POE</b>	RJ45 Shielded Socket
<b>Surge Protection</b>	Difference and Common Mode
<b>Clamping Protection</b>	11V Data, 60V Power
<b>Max. Surge Discharge</b>	1500A (8/20) Power
<b>Peak Pulse Current</b>	36A (10/1000) Data
<b>Shunt Capacitance</b>	<5 pF data
<b>Response Time</b>	<1 ns
<b>Compliance</b>	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B
<b>AC Cable with Earth Ground</b>	USA, EU, AR, BR, UL, CCC, Mexico

## Grounded PoE Adaptor 24V, 1A

Ubiquiti

UBIPOE241A



Grounded PoE Adaptor 24V, 1A

## Grounded PoE Adaptor 24V, 1A GbE

Ubiquiti

UBIPOE241AG



Grounded PoE Adaptor 24V, 1A GbE

### Specifications

<b>Dimensions</b>	88 x 57 x 33 mm (3.47 x 2.24 x 1.30")
<b>Weight</b>	158.5 g (5.59 oz)
<b>Output Voltage</b>	24VDC @ 1.0A
<b>LAN Activity Indicator</b>	No
<b>Gigabit LAN Port</b>	Yes
<b>Remote Reset Capability</b>	Yes
<b>Reset Button</b>	Yes
<b>Input Voltage</b>	90-260VAC @ 47-63 Hz
<b>Input Current</b>	0.6A @ 120VAC, 0.4A @ 240VAC
<b>Inrush Current</b>	<60A Peak @ 120VAC, <120A Peak @ 230VAC
<b>Efficiency</b>	80+%
<b>Output Ripple</b>	1% Max.
<b>Switching Frequency</b>	65 kHz
<b>Line Regulation</b>	± 1%
<b>Load Regulation</b>	± 3%
<b>4-Pair Powering</b>	Pins 1, 2, 4, 5 (+) and Pins 3, 6, 7, 8 (-)
<b>Operating Temperature</b>	0 to 40° C (32 to 104° F)
<b>Storage Temperature</b>	-30 to 70°C (-22 to 158° F)
<b>Operating Humidity</b>	35 to 95% Noncondensing
<b>AC Connector</b>	IEC-320 C6
<b>Data IN / POE</b>	RJ45 Shielded Socket
<b>Surge Protection</b>	Difference and Common Mode
<b>Clamping Protection</b>	11V Data, 60V Power
<b>Max. Surge Discharge</b>	1500A (8/20) Power
<b>Peak Pulse Current</b>	36A (10/1000) Data
<b>Shunt Capacitance</b>	5 pF data
<b>Response Time</b>	1 ns
<b>Compliance</b>	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B
<b>AC Cable with Earth Ground</b>	USA, EU, AR, BR, UL, CCC, Mexico

## Grounded PoE Adaptor 24V, 0.5A

Ubiquiti

UBIPOE245



Grounded PoE Adaptor 24V, 0.5A

### Specifications

<b>Dimensions</b>	87 x 44 x 29 mm
<b>Weight</b>	92 g (3.25 g)
<b>Output Voltage</b>	24VDC @ 0.5A
<b>LAN Activity Indicator</b>	no
<b>Gigabit LAN Port</b>	no
<b>Remote Reset Capability</b>	yes
<b>Reset Button</b>	yes
<b>Input Voltage</b>	90-260VAC @ 47-63 Hz
<b>Input Current</b>	0.3A @ 120VAC, 0.2A @ 240VAC
<b>Inrush Current</b>	30A Peak @ 120VAC, 60A Peak @ 230VAC
<b>Efficiency</b>	75+%
<b>Output Ripple</b>	1% Max
<b>Switching Frequency</b>	50 kHz
<b>Line Regulation</b>	-/+ 1%
<b>Load Regulation</b>	-/+ 3%
<b>2-Pair Powering</b>	Pins 4, 5 (+) and Pins 7, 8 (-)
<b>Operating Temperature</b>	0 to 40° C (32 to 104° F)
<b>Storage Temperature</b>	-30 to 70°C (-22 to 158° F)
<b>Operating Humidity</b>	35 to 95% Noncondensing
<b>AC Connector</b>	IEC-320 C6
<b>Data IN / POE</b>	RJ45 Shielded Socket
<b>Surge Protection</b>	Difference and Common Mode
<b>Clamping Protection</b>	11V Data, 60V Power
<b>Max. Surge Discharge</b>	1500A (8/20) Power
<b>Peak Pulse</b>	Current 36A (10/1000) Data
<b>Shunt Capacitance</b>	5 pF data
<b>Response Time</b>	1 ns
<b>Compliance</b>	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B
<b>AC Cable with Earth Ground</b>	USA, EU, AR, BR, UL, CCC, Mexico

## Grounded PoE Adaptor 24V, 0.5A, Gigabit

Ubiquiti

UBIPOE24GB



Grounded PoE Adaptor 24V, 0.5A, Gigabit

## Grounded PoE Adaptor 48V, 0.5A

Ubiquiti

UBIPOE4824



Grounded PoE Adaptor 48V, 0.5A

### Specifications

<b>Dimensions</b>	88 x 57 x 33 mm
<b>Weight</b>	135.5 g (4.78 oz)
<b>Output Voltage</b>	48VDC @ 0.5A
<b>LAN Activity Indicator</b>	no
<b>Gigabit LAN Port</b>	no
<b>Remote Reset Capability</b>	no
<b>Reset Button</b>	no
<b>Input Voltage</b>	90-260VAC @ 47-63 Hz
<b>Input Current</b>	0.6A @ 120VAC, 0.4A @ 240VAC
<b>Inrush Current</b>	60A Peak @ 120VAC, 120A Peak @ 230VAC
<b>Efficiency</b>	80+%
<b>Output Ripple</b>	1% Max
<b>Switching Frequency</b>	65 kHz
<b>Line Regulation</b>	-/+ 1%
<b>Load Regulation</b>	-/+ 3%
<b>2-Pair Powering</b>	Pins 4, 5 (+) and Pins 7, 8 (-)
<b>Operating Temperature</b>	0 to 40° C (32 to 104° F)
<b>Storage Temperature</b>	-30 to 70°C (-22 to 158° F)
<b>Operating Humidity</b>	35 to 95% Noncondensing
<b>AC Connector</b>	IEC-320 C6
<b>Data IN / POE</b>	RJ45 Shielded Socket
<b>Surge Protection</b>	Difference and Common Mode
<b>Clamping Protection</b>	11V Data, 60V Power
<b>Max. Surge Discharge</b>	1500A (8/20) Power
<b>Peak Pulse</b>	Current 36A (10/1000) Data
<b>Shunt Capacitance</b>	5 pF data
<b>Response Time</b>	1 ns
<b>Compliance</b>	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B
<b>AC Cable with Earth Ground</b>	USA, EU, AR, BR, UL, CCC, Mexico

## PoE GigaBit Adaptor 48V, 0.5A 1000Mbps

Ubiquiti

UBIPOE4824WG



Ubiquiti PoE GigaBit Adaptor 48V, 0.5A 1000Mbps

## Ubiquiti POE Injector 50V 60W airFiber POE

Ubiquiti

**UBIPOE5060W**



Ubiquiti POE Injector 50V 60W airFiber POE

### Specifications

<b>Dimensions</b>	101 x 60 x 33 mm (3.98 x 2.36 x 1.30")
<b>Weight</b>	192 g (6.77 oz)
<b>Power Supply</b>	24V, 0.5A PoE
<b>Output Voltage</b>	50VDC @ 1.2A
<b>LAN Activity Indicator</b>	No
<b>Gigabit LAN Port</b>	No
<b>Remote Reset Capability</b>	No
<b>Reset Button</b>	No
<b>Input Voltage</b>	90-260VAC @ 47-63 Hz
<b>Input Current</b>	1.3A @ 120VAC, 0.75A @ 230VAC
<b>Inrush Current</b>	100A Peak @120VAC,200A Peak @ 230VAC
<b>Efficiency</b>	85+%
<b>Output Ripple</b>	1% Max
<b>Switching Frequency</b>	65 kHz
<b>Line Regulation</b>	±1%
<b>Load Regulation</b>	±3%
<b>4-Pair Powering</b>	Pins 1, 2, 4, 5 (+) and Pins 3, 6, 7, 8 (-)
<b>Operating Temperature</b>	0 to 40° C (32 to 104° F)
<b>Storage Temperature</b>	-30 to 70°C (-22 to 158° F)
<b>Operating Humidity</b>	35 to 95% Noncondensing
<b>AC Connector</b>	IEC-320 C6
<b>Data IN / POE</b>	RJ45 Shielded Socket
<b>Surge Protection</b>	Difference and Common Mode
<b>Clamping Protection</b>	11V Data, 60V Power
<b>Max. Surge Discharge</b>	1500A (8/20) Power
<b>Peak Pulse Current</b>	36A (10/1000) Data
<b>Shunt Capacitance</b>	5 pF data
<b>Response Time</b>	1 ns
<b>Compliance</b>	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B
<b>AC Cable with Earth Ground</b>	USA, EU, AR, BR, UL, CCC, Mexico

## Ubiquiti POE Injector 54V 80W

Ubiquiti

**UBIPOE5480**

Ubiquiti POE Injector 54V 80W Edgepoint POE injector

### Specifications

<b>Dimensions</b>	123 x 65 x 34 mm
<b>Weight</b>	299 g
<b>Output Voltage</b>	54VDC @ 1.5A
<b>LAN Activity Indicator</b>	No
<b>Gigabit LAN Port</b>	Yes
<b>Remote Reset Capability</b>	No

### Specifications

<b>Reset Button</b>	100-240AC @ 50/60Hz
<b>Input Voltage</b>	100-240AC @ 50/60Hz
<b>Input Current</b>	0.8A @ 120VAC
<b>Inrush Current</b>	80A Peak @ 120VAC 120A Peak @ 230VAC
<b>Efficiency</b>	87+%
<b>Output Ripple</b>	1% Max
<b>Switching Frequency</b>	100 kHz Max.
<b>Line Regulation</b>	+/- 1%
<b>Load Regulation</b>	+/- 3%
<b>4-Pair Powering Pins</b>	1, 2, 4, 5 (+) and Pins 3, 6, 7, 8 (-)
<b>Operating Temperature</b>	0 to 40° C (32 to 104°F)
<b>Storage Temperature</b>	-30 to 70° C (-22 to 158°F)
<b>Operating Humidity</b>	35 to 95% Noncondensing
<b>AC Connector</b>	IEC-320 C6
<b>Data IN</b>	POE RJ45 Shielded Socket
<b>Surge Protection</b>	Difference and Common Mode
<b>Clamping Protection</b>	11V Data, 60V Power
<b>Max. Surge Discharge</b>	1500A (8/20) Power
<b>Peak Pulse Current</b>	36A (10/1000) Data
<b>Shunt Capacitance</b>	5 pF data
<b>Response Time</b>	1 ns
<b>Compliance</b>	IEC 60950-1:2005+A1 UL60950-1 EN55022:2010, EN55024:2010 FCC Class B AC Cable with Earth Ground RCM

## POE-Injector, Passive, Gigabit, Grounded

Ubiquiti

**UBIPOEPINJ**



**Gigabit + Grounded**

POE-Injector, Passive, Gigabit, Grounded

## Unbranded / Generic

## DIN Rail Power Supply 48VDC 120W

Unbranded / Generic

**DRP48V120W**



DIN Rail Power Supply 48VDC 120W

### Specifications

<b>DC voltage</b>	48V
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### Specifications

<b>Rated current</b>	2.5A
<b>current Range</b>	0-2.5A
<b>Rated Power</b>	120W
<b>Ripple and noise</b>	100mV p-p
<b>Voltage Adjust Range</b>	48-55V
<b>Voltage tolerance</b>	-/+ 1.0%
<b>Line Regulation</b>	-/+ 0.5%
<b>Load Regulation</b>	-/+ 1.0%
<b>Setup / Rise Time</b>	1200ms / 60ms @ 230VAC
<b>Hold Up Time (Typical)</b>	16ms @ 230VAC
<b>Voltage Range</b>	90-264VAC 127-370VDC
<b>Frequency Range</b>	47-63Hz
<b>Efficiency (Typical)</b>	88.5%
<b>AC Current (Typical)</b>	2.25A/115VAC, 1.3A/230VAC
<b>Inrush Current (Typical)</b>	Cold Start 35A/230VAC
<b>Leakage Current</b>	1mA/240VAC
<b>Overload</b>	105-130% rated power output
<b>Over Voltage</b>	56-65V
<b>Protection Type</b>	Shut down o/p voltage, re-power on to recover
<b>DC Ok Signal</b>	Relay contact rating (Max) 30V 1A resistive
<b>Working Temperature</b>	-20° to +60°C
<b>Working Humidity</b>	20-95% RH non condensing
<b>Temperature Coefficient</b>	-/+ 0.03%/°C(0°-50°C)
<b>Vibration</b>	10-500Hz, 2G 10 minutes/cycle, period for 60 minutes. Each along X,Y,Z, axis
<b>Dimensions</b>	40W x 125H x 113D mm
<b>Weight</b>	0.6kg

## DIN Rail Power Supply 48VDC 120W

Unbranded / Generic

**DRP48V60W**



DIN Rail Power Supply 48VDC 120W

## Australian power cables for Ubiquiti

Unbranded / Generic

**UBIPCAU**



Australian power cables for Ubiquiti

## Australian IEC cable for Ubiquiti switches

Unbranded / Generic

UBIPCIECAU



Australian IEC cable for Ubiquiti switches

## Junction Boxes & Housings

### HUBBOXG3127

HUBBOXG3127

Wall Enclosure Box ABS, IP65, 200X150X75MM Grey

## VOIP

### Ubiquiti

#### Unifi Executive Enterprise Phone

Ubiquiti

UBIUVPEXEC

Ubiquiti Unifi Executive Enterprise VoIP Phone

#### Unifi VoIP Phone-PRO

Ubiquiti

UBIUVPPRO



Ubiquiti Unifi VoIP Phone-PRO

## Collaboration & Conferencing Systems

### Kramer

#### VIA CONNECT PLUS Wired/Wireless Presentation Interface

Kramer

KRVIACONPL

Simultaneous Wired and Wireless Presentation and Collaboration Solution

#### VIA CONNECT PRO

Kramer

KRVIACPRO



Kramer VIA Connect PRO Wireless Collaboration Interface

#### Specifications

<b>INPUTS</b>	4 USB 3.0, 1 LAN on an RJ-45 connector
<b>GRAPHIC OUTPUTS</b>	1 HDMI, 1 mini DisplayPort
<b>Note</b>	Does not support graphic output to both the HDMI and Mini Display Port simultaneously
<b>AUDIO OUTPUT</b>	1 S/PDIF
<b>PROCESSOR</b>	4th generation Intel® Dual core 1.4GHz
<b>MAIN MEMORY</b>	4GB, high speed
<b>STORAGE</b>	32GB, solid-state drive.
<b>LAN</b>	Gigabit LAN
<b>AUDIO</b>	Analog or embedded HDMI, S/PDIF Realtek ALC269
<b>POWER SUPPLY</b>	65W power adapter (19V, 3.4A)
<b>INPUT VOLTAGE</b>	100V~220V AC, 50/60Hz, auto sensing
<b>INCLUDED ACCESSORIES</b>	Power cord, Kramer mini DP to VGA adapter, VESA mounting bracket
<b>PRODUCT DIMENSIONS</b>	11.80cm x 11.50cm x 4.00cm (4.65" x 4.53" x 1.57") W, D, H
<b>PRODUCT WEIGHT</b>	2.2kg (4.7lbs) approx
<b>SHIPPING DIMENSIONS</b>	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94") W, D, H
<b>SHIPPING WEIGHT</b>	4.2kg (9.1lbs) approx

#### VIA GO Extended Software Assurance 2 years

Kramer

KRVIAGOSW2



Kramer VIA GO Extended Software Assurance 2 Years

#### Specifications

<b>I/O</b>	4 USB 3.0, 1 LAN on an RJ-45 connector
<b>GRAPHIC OUTPUTS</b>	1 HDMI, 1 mini DisplayPort, support up to 1080p60 (using the VIA app Multimedia feature) / WUXGA resolution Note: Does not support graphic output to both the HDMI and Mini Display Port simultaneously
<b>AUDIO OUTPUT</b>	3.5mm mini jack for HP/ speakers
<b>PROCESSOR</b>	Intel® Braswell CPU, Dual Core 1.04GHz

#### Specifications

<b>MAIN MEMORY</b>	2GB, high-speed
<b>STORAGE</b>	EMMC, 32GB
<b>LAN</b>	Gigabit LAN
<b>WIRELESS COMMUNICATION</b>	Intel dual-band wireless 802.11ac - model 3160NGW
<b>AUDIO</b>	Analog or embedded HDMI
<b>POWER SUPPLY</b>	45W power adapter (19V/2.37A)
<b>INPUT VOLTAGE</b>	100V~220V AC, 50/60Hz, auto sensing
<b>INCLUDED ACCESSORIES</b>	Power cord, Kramer mini-DP to VGA adapter, VESA mounting bracket
<b>PRODUCT DIMENSION</b>	
<b>PRODUCT WEIGHT</b>	0.5kg (1.1lbs) approx
<b>SHIPPING DIMENSION</b>	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94") W, D, H
<b>SHIPPING WEIGHT</b>	1.0kg (2.1lbs) approx





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**Technology :: Support :: Solutions**

Brisbane :: Cairns :: Sunshine Coast :: Newcastle













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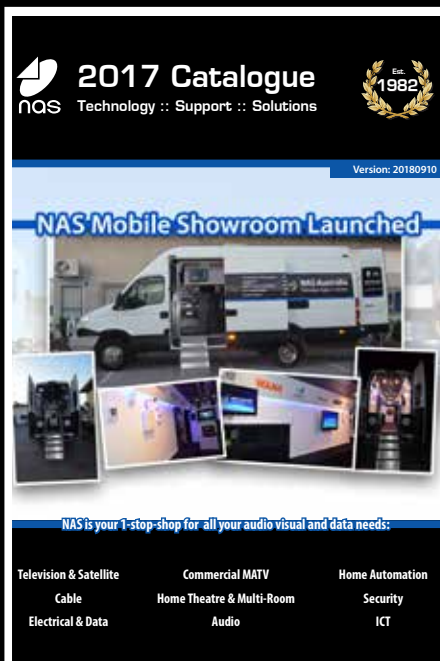
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## NAS is your 1-stop-shop for all your television and reception needs:



### Complete Trade Catalogue

- |                          |                                 |                                     |  |
|--------------------------|---------------------------------|-------------------------------------|--|
| Television & Satellite   | Data Keystones                  | Satellite Distribution Amplifiers   | Control System                           |
| TV Antennas              | Phone & Data Connectors         | TDT Splitters                       | Motorised Gates                          |
| VAST Satellite Decoders  | Cat Cable Tools                 | Multiswitch Solutions               | Security                                 |
| Satellite                | Disconnect Module               | Analogue Modulation                 | Access Control                           |
| DSTB                     | RF Over Category Cable          | Audio/Video Distribution Amplifiers | CCTV                                     |
| Mounting                 | Power Point & Light Switches    | Home Theatre & Multi-Room Audio     | Intrusion                                |
| Amplifiers               | Structured Cabling Hubs         | HDMI Distribution                   | Monitors                                 |
| Connectors               | Racks & Cabinets                | HDMI Matrix Switch                  | Permaconn 3G & IP Connectivity           |
| Adaptors                 | Wallplates & Inserts            | HDMI Over Category Cable            | Power Supplies                           |
| TV Splitters             | Gang Plates                     | HDBaseT Matrix Switch               | Test Equipment                           |
| Satellite Splitters      | Gang Plate Inserts              | HDBaseT Extenders                   | EQL Accessories                          |
| Filters                  | Foxtel                          | Bluestream Accessories              | Hard Drives                              |
| Diplexers & Triplexers   | Generic Wall Plates             | Video Distribution                  | Intercoms                                |
| Attenuators              | Blank Plates                    | Audio Video Receivers               | Warning Signs                            |
| Baluns                   | Bullnose                        | Projectors                          | Information & Communication Technologies |
| Earthing                 | Mounting Brackets               | Projector Screens                   | PtP/PtMP WiFi                            |
| Flyleads                 | Cable Entry                     | Blu-Ray                             | WiFi Access Points                       |
| Manual Switches          | Architrave Plates               | Audio Distribution Amplifier        | Ethernet Switches                        |
| Installation Consumables | Multi Purpose Wall Plates       | Audio Integration                   | Routers                                  |
| Tools                    | Skirting Board Outlets          | Speakers                            | Client Management                        |
| Field Strength Equipment | Caravan                         | Brackets                            | IP over Legacy Cables                    |
| Cable                    | Earth Lead                      | AV Cables                           | Fiber Optics                             |
| Coaxial Cable            | Speakers                        | Speaker Cable Banana Plugs          | GSM Power Control                        |
| Category Cable           | Commercial MATV                 | Cable Management                    | Mobile Patch Leads                       |
| Power & Lighting         | Digital Modulation              | iPad Wall Mounts                    | Sat Phones                               |
| Security Cable           | GSS Digital Modulation          | IR Distribution                     | UniFi Video                              |
| Speaker Cable            | Distribution Amplifiers         | IR Distribution Accessories         | ICT Accessories                          |
| Video Cable              | Fagor Signal Processors         | Power Boards                        |  |
| Dispensor                | Fagor Single Channel Amplifiers | Home Automation                     |  |
| Electrical & Data        | Kingray Signal Processors       |                                     |  |
| Cat6 Patch Leads         | Satellite & Terrestrial Taps    |                                     |  |



### Commercial MATV Catalogue

A myriad of developments including hotels, motels, gated communities, sporting stadiums, retirement villages and caravan parks utilise structured cable systems to distribute programmes and information services to end-users.

These structured cable systems usually incorporate some form of MATV (Master Antenna TeleVision) system designed to meet customer requirements. NAS provides a complete array of MATV and structured cabling products and offers consultancy services for the design of MATV systems.