ABUS

Security Tech Germany

RETAIL
2016 RANGE

A beginner's introduction to security technology: from plug-and-play to DIY systems

CONTENTS
EVERYTHING AT A GLANCE

RETAIL 2016 RANGE

In this catalogue, we present the ABUS Security-Center **Retail range for 2016.**
You can find extensive information on all of our products on our partner portal at **www.abus.com/partner**

PRODUCT DETAILS VIDEO SURVEILLANCE SYSTEMS

PRODUCT DETAILS TERXON SX

From starter sets to individual solutions, our sets provide a quick and easy way to meet the requirements of private homes, apartments, small businesses and larger corporations. Pre-configured, compatible components with accessories included enable rapid implementation – this can be carried out by the end customer themselves if desired. However, anyone wishing to put together a unique monitoring system from scratch can opt for individual components instead. The range of video products includes simple analogue cameras and recorders, IP-based HD recorders and cameras (LAN/WLAN), app cameras and stand-alone digital wireless systems.
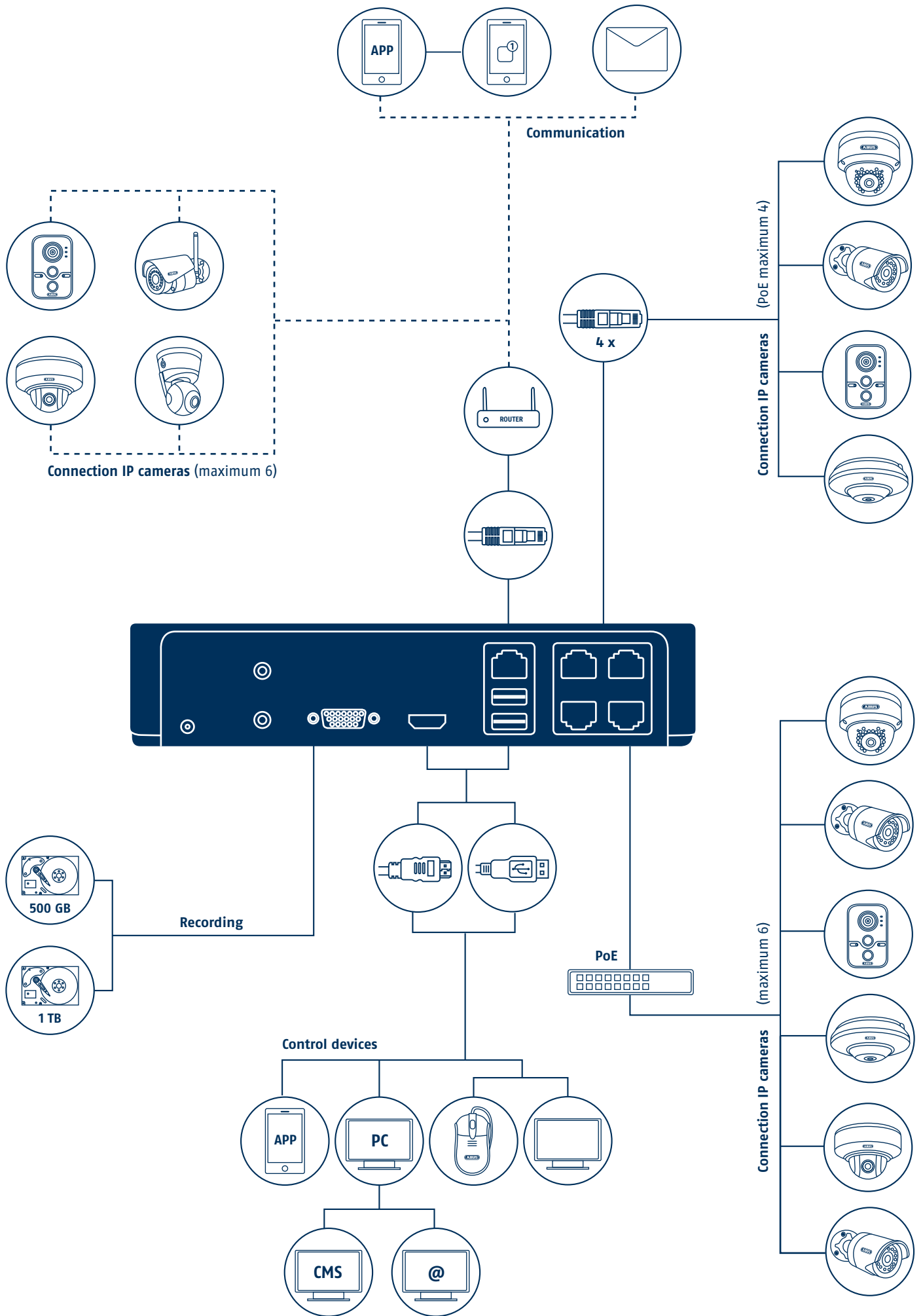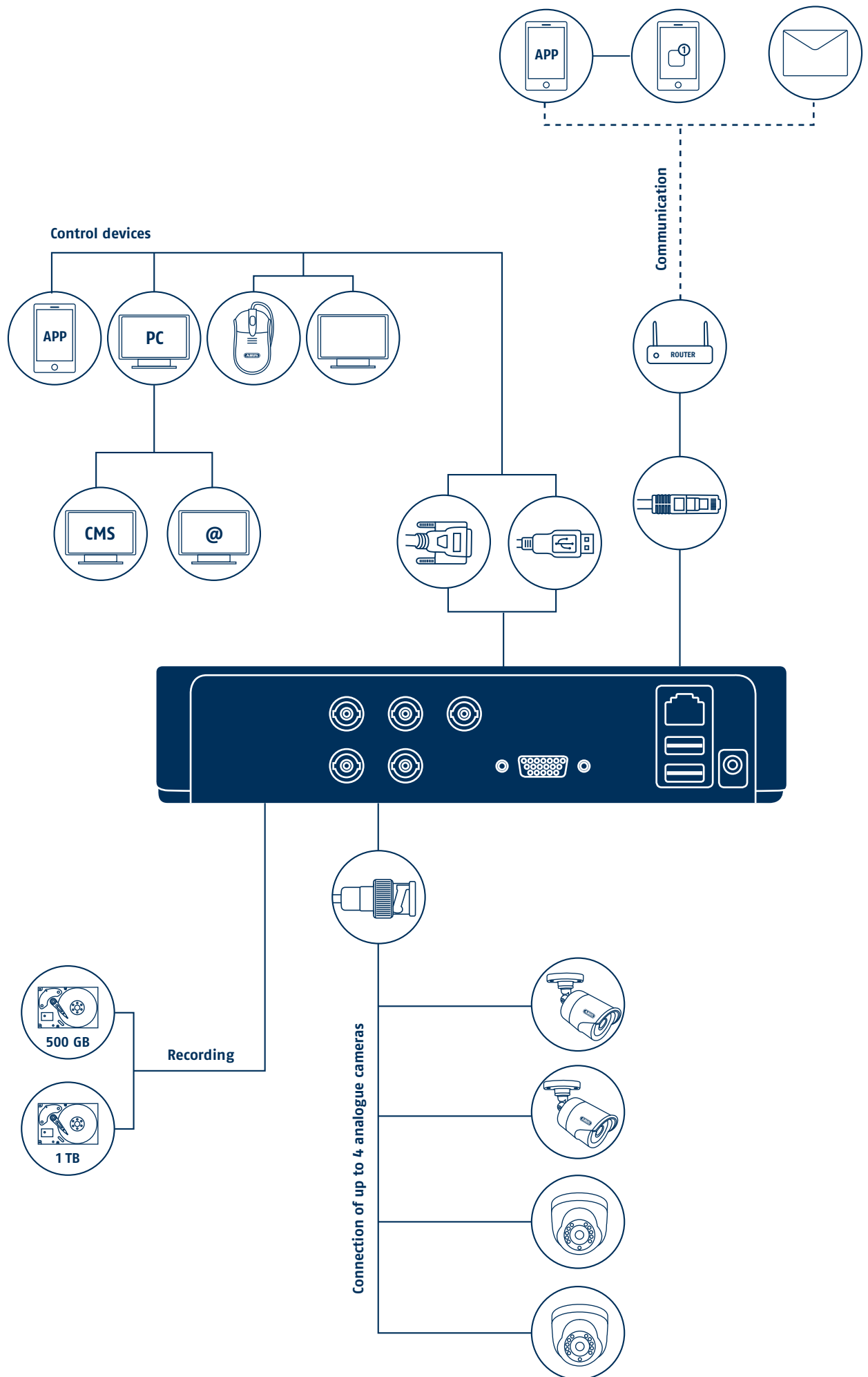
STARTER SETS OR INDIVIDUAL SOLUTIONS

HD MONITORING
THROUGH NETWORKED SYSTEMS

PLUS X AWARD

2015 achieved for:
Design
Ease of Use
Functionality

Monitoring in residences and businesses or shops is easily achievable with an HD-capable IP recorder system that links in to the available network infrastructure. Installation is convenient as four matching system cameras can be powered directly from the recorder via network cables (PoE) or alternatively LAN/WLAN cameras can be connected via router if desired. In total, up to six HD 720p system cameras can be integrated into the system – from robust outdoor IP cameras with IR night-vision function to special cameras with app-controlled angle of view or a wide-angle panoramic view for monitoring entire rooms. The HD images are captured on a 2.5" hard disk drive, and the live images and recordings can be accessed via an internet browser or the app.

Connection IP cameras (maximum 6)

Communication

APP

ROUTER

4 x

Connection IP cameras (PoE maximum 4)

500 GB

Recording

1 TB

Control devices

PoE

Connection IP cameras (maximum 6)

APP

PC

CMS

@

APP

Communication

Control devices

APP
PC
ABUS

CMS
@

ROUTER

500 GB

Recording

1 TB

Connection of up to 4 analogue cameras

ANALOGUE MONITORING
SYSTEM OVERVIEW

PLUS X AWARD®
2015 achieved for:
Design
Ease of Use
Functionality

If there is a need to keep monitoring separate from the IP network, or if a cost-effective solution is required, a recorder system from our analogue range could be ideal. These systems allow images from up to four analogue system cameras to be transmitted to the recorder via video cable. The data is then recorded to a hard disk drive in digital format, which can then be accessed via the network or the app.

ANALOGUE ACCESSORIES
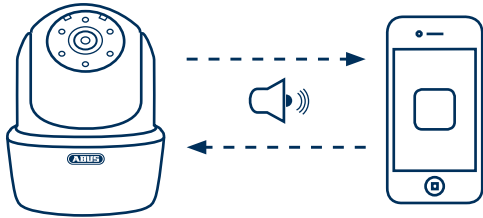## AND SPECIAL CAMERAS

Customised monitoring: covert monitoring is only permitted in a small number of legally defined scenarios. A fitting solution for such cases is the pinhole mini camera: with a width of only 3 cm, it can easily be hidden on shelves, behind books or in suspended ceilings.

More light, better images: in the case of poorly lit house façades, gardens, courtyards or garages, separate IR illuminators can make a good addition to existing camera solutions.

3

4

Viewing live images on your computer monitor: for the purposes of simple live monitoring, analogue cameras are more than sufficient, with their images displayed directly on a monitor. Using the converter, the camera's video output (BNC) can be connected to a standard PC monitor input (VGA).

Four in one: each analogue camera is connected individually to the monitor – without the need for a recorder or PC. A quad processor can then be used to display the live feeds from several cameras on one monitor. Up to four cameras can be connected to the inputs.

TWO-WAY AUDIO USING THE APP

Using cameras with two-way audio makes it possible to speak and listen to a room via the app any time, and from anywhere. That makes these cameras suitable for use as baby monitors, too.

MONITORING IN HD

High-definition 720p monitoring provides detailed images with a zoom option and brilliant colour. The images produced therefore have greater credibility when used as evidence than those produced using analogue resolution technology.

IR NIGHT VISION FUNCTION
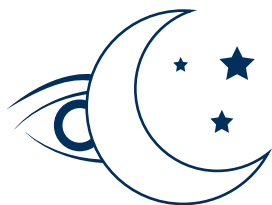
Cameras with inbuilt IR LEDs have their own on-board lighting system. This means these modules can even view scenes not visible to the naked eye at night or in poor lighting conditions.
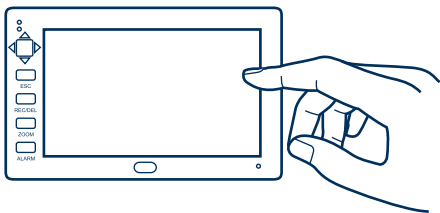
PIR MOTION DETECTION

To save on memory, the cameras only record if movement is detected within their field of view. Cameras with passive infrared sensors (PIR) are the most accurate when it comes to detection.

HIGHLIGHTS
AN OVERVIEW

CONVENIENT OPERATION

Our solutions are tailored to private customers, and are extremely user-friendly. Using the system is child's play, whether using a touch screen or the free app.

PROTECTION CLASSES

Commonly known as the "protection class", the IP rating indicates whether a camera is suitable for continuous operation outdoors. IP66 is the standard applicable here.

PLUG-AND-PLAY SOLUTIONS TO HELP YOU GET OFF TO A QUICK START

These items are already pre-configured, and the remaining settings can be adjusted via the guided installation process in the app or on the monitor. In addition, the ABUS video tutorials help you get off to a quick and successful start.

## TEST SUCCESSES AND AWARDS FOR ABUS RETAIL ITEMS

A whole host of our items have already passed recognised tests and won a number of awards: from prizes for design and functionality to the DIY award for ease of installation.

APP ACCESS ON ANDROID AND iOS

Our more cost-effective solutions for private properties and small businesses provide the full convenience of app support. The apps are available on iOS and Android, and may also come in an HD version for retina display tablets, depending on the system.

## INFORMATION FROM THE APP VIA PUSH NOTIFICATION

Both the cameras and the recorders send push notifications to the app, allowing users to be informed instantly of any movement detected and alarms – even when the app is closed.

INDIVIDUALLY EXPANDABLE STARTER SETS
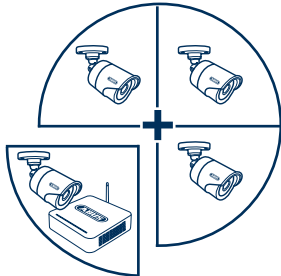
The starter sets contain cameras, a recorder and all the accessories required for installation. In addition, the starter sets can be expanded according to individual requirements.

MARKETING SUPPORT TO ENSURE OUR PARTNERS' SUCCESS
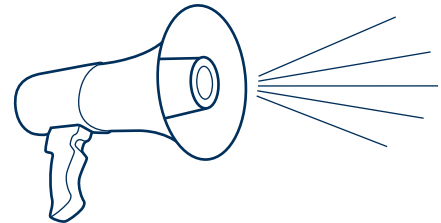
The ABUS product range is constantly growing: new products are regularly presented in consumer catalogues, supplements, flyers and product videos. Up-to-date information can be found online.

DISCREET DESIGN FOR THE HOME AND WORKPLACE
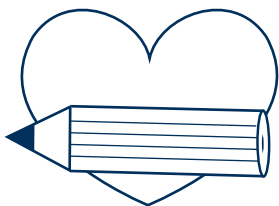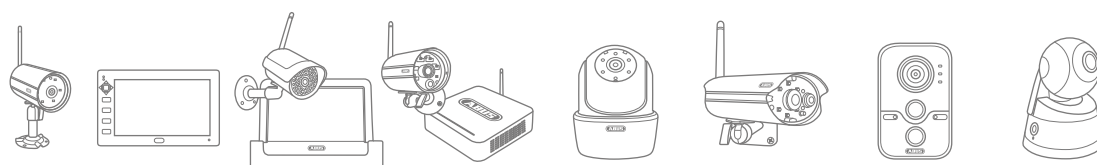
Security systems from ABUS fit discreetly into any room. For example, systems with recorders all come in the same 'family' design, a design that has won multiple awards.

PROVEN QUALITY OF PRODUCTS AND SERVICES

A German-branded product is more than just technology: it is the interplay between smart, detailed solutions, an English user manual and an English-language end customer hotline.

FUNCTION	7" Home Video Surveillance Set TVAC14000/TVAC14010	7" Home Video Surveillance Set Touch & App TVAC16000/TVAC16010	Digital Wireless Monitoring Set TVAC18000/TVAC18010	WLAN Pan/Tilt Camera & App TVAC19000	WLAN Outdoor Camera & App TVAC19100	WLAN 720p Indoor Camera with Alarm Function TVIP11560	WLAN HD 720p Pan/Tilt Indoor Camera TVIP21560
Technology	Wireless (cable-free)	Wireless (cable-free)	Wireless (cable-free)	WLAN (cable-free)	WLAN (cable-free)	IP (cable-free)	IP (cable-free)
PoE	✗	✗	✗	✗	✗	✓	✗
Protection class/Outdoor	IP66	IP66	IP66	✗	IP66	✗	✗
Resolution	VGA	VGA	VGA	HD 720p	HD 720p	HD 720p	HD 720p
Angle of view	H 60°	H 60°	H 55°	H 50°	H 50°	H 75.8°	H 52.4°
Focal length	Fixed, 3.6 mm	Fixed, 3.6 mm	Fixed, 3.6 mm	Fixed, 2.8 mm	Fixed, 2.8 mm	Fixed, 4.0 mm	Fixed, 4.0 mm
Night vision	✓	✓	✓	✓	✓	✓	✓
Motion detection	✓	✓	✓ PIR	✓	✓ PIR	✓ PIR	✓ PIR
Two-way audio function	✗	✗	✗	✓	✗	✓	✓
PT function	✗	✗	✗	✓	✗	✗	✓
Zoom function	✓	✓	✓	✓	✓	✓	✓
WDR	✗	✗	✗	✗	✗	✓	✓
Records to	SD	SD	SD|HDD	SD	SD	SD|HDD*	SD|HDD*
Communication and operation via app	✗	✓	✓	✓	✓	✓	✓
Communication and operation via monitor	✓	✓	✓	✗	✗	✓	✓
Communication and operation via video management software	✗	✗	✗	✗	✗	✗	✓
Power supply/ usage	5 V DC/max. 860 mA (monitor) 5 V DC/max. 550 mA (TVAC14010)	5 V DC/max. 800 mA (monitor) 5 V DC/max. 500 mA (TVAC16010)	12 V DC/max. 2 A (recorder) 5 V DC/max. 1 A (TVAC18010)	5 V DC/max. 500 mA	5 V DC/max. 500 mA	12 V DC/max. 580 mA	5 V DC/max. 580 mA

* Only in connection with a recorder

FUNCTION	WLAN HD 720p PTZ Indoor Dome Camera	IR HD 720p WLAN Network Outdoor Camera	IR HD 720p Network Outdoor Dome Camera	Fisheye HD 1080p Network Indoor Camera	IR HD 720p Network Outdoor Camera	Day/Night Mini Outdoor Dome Camera	Day/Night Mini Outdoor Camera
	TVIP41660	TVIP61550	TVIP41500	TVIP82900	TVIP61500	TVCC34010	TVCC40010
Technology	IP (cable-free)	IP (cable-free)	IP (cable)	IP (cable)	IP (cable)	Analogue (cable)	Analogue (cable)
PoE	✓	✗	✓	✓	✓	✗	✗
Outdoor	✗	IP65	IP66	✗	IP66	IP66	IP66
Resolution	HD 720p	HD 720p	HD 720p	HD 720p	HD 720p	600 TVL	600 TVL
Angle of view	H 80–33°	H 69.4°	H 69.4°	H 186°	H 69.4°	H 68.4°	H 68.4°
Focal length	Vario 3.6–11 mm	Fixed, 4.0 mm	Fixed, 4.0 mm	Fixed, 1.6 mm	Fixed, 4.0 mm	Fixed, 3.6 mm	Fixed, 3.6 mm
Night vision	✗	✓	✓	✗	✓	✓	✓
Motion detection	✓	✓	✓	✓	✓	Only with TVVR30004	Only with TVVR30004
Two-way audio function	✓	✗	✗	✗	✗	✗	✗
PT function	✓	✗	✗	✗	✗	✗	✗
Zoom function	✓ 3x optical	✓	✓	✓	✓	✓	✓
WDR	✓	✓	✓	✓	✓	✓	✓
Records to	SD|HDD*	HDD*	HDD*	SD|HDD*	HDD*	HDD*	HDD*
Communication and operation via app	✓	✓	✓	✓	✓	✓	✓
Communication and operation via monitor	✓	✓	✓	✓	✓	✓	✓
Communication and operation via video management software	✓	✓	✓	✓	✓	✗	✗
Power supply/ usage	12 V DC/max. 500 mA	12 V DC/max. 580 mA	12 V DC/max. 580 mA	12 V DC/max. 470 mA	12 V DC/max. 580 mA	12 V DC/max. 420 mA	12 V DC/max. 420 mA

* Only in connection with a recorder

RANGE

Article number	**TVCC34010**	**TVCC40010**
Description	**Day/Night Mini Outdoor Dome Camera**	**Day/Night Mini Outdoor Camera**
	· Compact day/night vision mini outdoor dome camera · Varied camera installation options - whether indoors or outdoors · Simple design and high protection class (IP66) · High detailed resolution, thanks to 600 TVL	· Compact day/night vision mini outdoor camera · Varied camera installation options - whether indoors or outdoors · Simple design and high protection class (IP66) · High detailed resolution, thanks to 600 TVL
Dimensions (W × H × D)	83 × 90 × 59 mm	150 × 70 mm
Scope of delivery incl.	Day/night mini outdoor dome camera • Power supply unit including EU, Australian and UK adapters • 20 m combination cable • Manual	Day/night outdoor camera • Power supply unit including EU, Australian and UK adapters • 20 m combination cable • Manual
Required accessories	-	-

Article number	**TVVR30004**	**TVVR30004H**
Description	**4-Channel Digital Recorder**	**2.5'' Internal Hard Disk Drive with 500 GB Capacity**
	· 4-channel digital recorder for individual configuration · Up to 4 analogue ABUS camera types can be integrated. We recommend: TVCC34010 and TVCC40010 · Saving to 2.5'' hard disk drive possible (hard disk drive not included) · Internet and mobile access to live pictures and recordings · Simple and intuitive operation · Recording triggered by motion detection, schedule or permanent	· Low energy use, quiet and fast · Ideal for the 4-channel digital recorder TVVR30004/TVVR36000
Dimensions (W × H × D)	200 × 45 × 200 mm	70 × 10 × 100 mm
Scope of delivery incl.	4-Channel Digital Recorder • Power supply unit • USB mouse • SATA cable • screws for hard drives • CD ROM • User manual • Quickguide	2,5'' internal hard disk drive
Required accessories	-	-

Article number	**TVVR30104**	**TVVR30404**

Description	Video Surveillance Kit: Digital Recorder + 1 Outdoor Camera	Video Surveillance Kit: Digital Recorder + 4 Outdoor Cameras
	• Set: 4-channel recorder, 1 x day/night vision outdoor camera, universal power supply unit and 1 x 20 m coaxial cable • Varied camera installation options – whether indoors or outdoors • Simple design and high protection class (IP66) • Internet and mobile access to live pictures and recordings	• Set: 4-channel recorder, 4 x day/night vision outdoor cameras, universal power supply unit and 4 x 20 m coaxial cable • Varied camera installation options – whether indoors or outdoors • Simple design and high protection class (IP66) • Internet and mobile access to live pictures and recordings
Dimensions (W × H × D)	-	-
Scope of delivery incl.	4-Channel Recorder incl. HDD • Day/Night Mini Outdoor Camera • Universal power supply • 20m combo cable • USB mouse • Quick Guide • 2 × Manual • CD	4-Channel Recorder incl. HDD • 4 × Day/Night Mini Outdoor Camera • Universial power supply • 4 × 20m combo cable • USB mouse • Quick Guide • 2 × Manual • CD
Required accessories	-	-

Article number	**TVVR30414**

Description	Video Surveillance Kit: Digital Recorder + 4 Outdoor Dome Cameras
	• Set: 4-channel recorder, 4 x day/night vision outdoor dome cameras, universal power supply unit and 4 x 20 m coaxial cable • Varied camera installation options – whether indoors or outdoors • Simple design and high protection class (IP66) • Internet and mobile access to live pictures and recordings • 500 GB capacity for approx. 5 weeks' ,'Non-Stop'' recording included
Scope of delivery incl.	4-Channel Recorder incl. HDD • 4 × Day/Night Mini Outdoor Dome Camera • Universal power supply • 4 × 20m combo cable • USB mouse • Quick Guide • 2 × Manual • CD
Required accessories	-

Article number	**TVAC14000A**	**TVAC14010A**
Description	**7" Home Video Surveillance Kit**	**Wireless outdoor camera**
	• Complete set consisting of a monitor, an IR wireless outdoor camera, power supply units and accessories • Transmission of video and audio signals via encrypted digital radio (up to 150 m free field) • 7" colour monitor with integrated loudspeakers, which sound a loud alarm if motion is detected • Robust, weather-proof wireless outdoor cameras (IP66) with infrared-night vision function and VGA resolution (640 x 480 pixels) • Recording via motion detection, following a time schedule or continuously	• Wireless outdoor camera for 7'' home video surveillance set (TVAC14000A) • Robust, weather-proof wireless outdoor cameras (IP66) with infrared night vision function and VGA resolution (640 x 480 pixels) • Transmission of video and audio signals via encrypted digital radio (up to 150 m free field) • Recording via motion detection, following a time schedule or continuously, with the 7'' home video surveillance set • Up to four wireless cameras can be used with each home video surveillance set
Dimensions (W × H × D)	XXX × XXX mm	68 × 74 × 150 mm
Scope of delivery incl.	7" Monitor • IR wireless outdoor camera, 2.4 GHz • 2 × Power supplies incl. EU and UK adapters • Antenna • User guide • Camera mount • Installation material	Wireless outdoor camera • Camera mount • Installation material • Power supply unit incl. EU and UK adapters • Antenna
Required accessories	TV8963 SDHC Card 16 GB • TV8964 SDHC Card 32 GB	TVAC14000A 7" Home Video Surveillance Kit

Article number	**TVAC16000B**	**TVAC16010B**
Description	**7" Home Video Surveillance Set Touch & App**	**Wireless Outdoor IR Camera (2.4GHz) for 7'' Set**
	• Complete set consisting of an IR wireless outdoor camera, monitor and docking station • Compact IP66 outdoor camera with infrared night vision function and 640 x 480 pixel resolution • Mobile access via app • Remote access via LAN using the docking station (battery for monitor charging at the same time) • 7" color monitor with integrated loudspeakers (battery-powered) • Video and audio transmitted using encrypted digital radio • Can be extended up to 4 wireless cameras	• Compact IP66 outdoor camera with infrared night vision function • Integrated digital transmitter (2.4 GHz) for encrypted wireless transmission of video data • IR digital wireless outdoor camera for integration in the TVAC16000 wireless monitor • Resolution 640 x 480 pixels @ 25 fps, 3.6 mm fixed lens • This camera can only be used as an extension for the TVAC16000
Dimensions (W × H × D)	-	74 × 68 × 150 mm
Scope of delivery incl.	7" Monitor • IR wireless outdoor camera, 2.4 GHz • 2 × Power supplies incl. EU, AUS, and UK adapters • Antenna • network cable • User guide • Camera mount • Installation material	Wireless Outdoor IR camera (2.4GHz) for 7'' set • Camera mount • Installation material • Power supply unit incl. EU, AUS, and UK adapters • Operating instructions • Antenna
Required accessories	-	TVAC16000B 7" Home Video Surveillance Set Touch & App

Article number	TVAC18000B	TVAC18010B
Description	**Digital Wireless Monitoring Set**	**Wireless Outdoor Camera**
	· Complete set with recorder, 2 x wireless outdoor cameras, 3 x power supply units and accessories · Simple step-by-step installation with app and QR code (iOS, Android) · App access of up to 4 cameras · Recording on max. 32 GB micro-SD card (accessory) or max. 2 TB external hard disk drive via USB port · Up to three months of continuous recording with 500 GB external hard disk drive (accessory) · Sturdy, weatherproof outdoor cameras (IP66)	· Wireless outdoor camera for digital wireless monitoring set · Simple step-by-step installation with app and QR code (iOS, Android) · App access of up to 4 cameras · VGA resolution and infrared night vision function · Sturdy, weatherproof outdoor cameras (IP66) · Professional integrated motion detection (PIR sensor) with alarm function · Integrated motion detection (PIR sensor)
Dimensions (W × H × D)	-	74 × 68 × 150 mm
Scope of delivery incl.	Wireless recorder • 2 × IR wireless outdoor camera • 2 × camera mount including mounting material • 3 × antenna • Network cable • HDMI cable • Mouse • 2 × power supply units incl. EU, AU and UK 5 V DC/1 A adapter • power supply units incl. EU, AU and UK 12 V DC/ 1 A adapter	IR wireless outdoor camera, 2.4 GHz • Power supply unit including EU, Australian and UK adapters , 5 V DC/1.5 A • Camera mount including mounting material • Antenna
Required accessories	-	TVAC18000B Digital Wireless Monitoring Set

Artikelnummer	TVAC19000B	TVAC19100B
Beschreibung	**WLAN Pan/Tilt Camera & App**	**WLAN Outdoor Camera & App**
	• For effective all-round monitoring of interior spaces • Guided step-by-step installation via app (iOS, Android) • App access of up to 8 cameras • HD 720p resolution and infrared night vision function for brilliant image quality • E-mail notification, snapshot function and push notification via app when motion is detected • All-around visibility (350° panning and 90° tilting range) • Recording to SD card (accessory, max. 32 GB)	• For flexible outdoor use • Guided step-by-step installation via app (iOS, Android) • App access of up to 8 cameras • HD 720p resolution and infrared night vision function for brilliant image quality • Professional integrated motion detection (PIR sensor) • E-mail notification, snapshot function and push notification via app when motion is detected • Sturdy, weatherproof outdoor camera (IP66)
Abmessungen (B × H × T)	80 × 115 × 87 mm	67 × 48 × 134 mm
Lieferumfang inkl.	Wi-Fi pan/tilt camera & app • Power supply unit including EU, Australian and UK adapters , 5 V DC/1.5 A • LAN cable • Ceiling mount • Antenna	Wi-Fi outdoor camera & app • Power supply unit including EU, Australian and UK adapters , 5 V DC/1.5 A • LAN adapter cable • Camera mount including mounting material • Antenna
Benötigtes Zubehör	-	-

Article number	TVIP10005B	TVIP11560
Description	**Compact Network Camera LAN**	**WLAN 720p Indoor Camera with Alarm Function**
	• LAN camera for simple indoor surveillance tasks • Simple initial operation using ABUS DDNS server • Uncomplicated live cast and playback via app • VGA resolution: 640 x 480 @ 25 fps • Starter camera that can be used without IP networking familiarity • Optimal price/performance ratio	• Compact day/night WLAN alarm camera for surveillance in indoor areas • Detailed high resolution, with 1280 x 720 pixels at 25 frames per second • With built-in loudspeaker that can emit a loud tone in the event of an alarm • Motion detection with passive infrared sensor • Integrated IR LED, activated in the dark • Internet and mobile access to live video feed via IPCam app and browser
Dimensions (W × H × D)	63.1 × 77.1 × 32.4 mm	66 × 139 × 71 mm
Scope of delivery incl.	Compact Network Camera LAN • 5 VDC power supply unit • 1 m network cable • Wall mount incl. fixing screws • Installation CD	WLAN 720p Indoor Camera with Alarm Function • Power supply unit • 1-meter network cable • CD • Quick start guide • Camera mount • Installation material
Required accessories	-	-

Article number	**TVIP21560**	**TVIP41660**
Description	**WLAN HD 720p Pan/Tilt Indoor Camera**	**WLAN HD 720p PTZ Indoor Dome Camera**
	• WLAN pan/tilt camera with infrared night vision function and motion detection • Detailed high resolution (1280 x 720 pixels at 25 frames per second) • With integrated loudspeaker for sounding a loud alarm in the event of an incident	• Detailed high resolution (1280 x 720 pixels at 25 frames per second) • 3x optical and 16x digital zoom for detailed images • Web and mobile access to live images and panning, tilting and zooming using the IPCam app or a browser
Dimensions	100 × 130 × 102 mm	84 × 120 mm
Scope of delivery incl.	WLAN HD 720p pan/tilt Indoor camera with alarm function • Power supply unit • 1 m network cable • Ceiling bracket • CD • Quick start guide • Installation material	WLAN HD 720p PTZ Indoor Dome Camera • Ceiling mount • Power supply unit (incl. EU, AU, UK) • 1 m network cable • Installation material • Quick start guide • CD ROM
Required accessories	-	-

Article number	**TVIP82900**	**TVAC31510**
Description	**Fisheye HD 1080p Network Indoor Camera**	**Wall Mount for TVIP41660 & TVIP82900**
	• Compact, discreet Fisheye IP indoor camera • 186° angle of view with full HD resolution • Detailed high resolution, with 1920 x 1080 pixels at 25 frames/second • Integrated motion sensor system • Images sent via e-mail in the event of motion detection • Internet and mobile access to live video feed via app and browser	• Simple mounting of WLAN HD 720p PTZ Indoor Dome Camera & Fisheye HD 1080p Network Indoor Camera • Internal cable routing
Dimensions (W × H × D)	120 × 41 × 120 mm	125 × 80 × 225 mm
Scope of delivery incl.	Fisheye HD 1080p Network Indoor Camera • Power supply unit (incl. EU, AU, UK) • 1 m network cable • Installation material • Quick start guide • CD • Ceiling bracket	Wall Mount for TVIP41660 & TVIP82900 • Mounting material
Required accessories	-	-

Article number	**TVIP41500**	**TVAC31500**
Description	IR Mini HD 720p Network Outdoor Dome Camera	Wall Mount for TVIP41500
	• Compact day/night vision IP outdoor dome camera • Various camera installation options - whether indoors or outdoors • Simple design and high protection class (IP66) • Detailed high resolution, thanks to 1280 x 720 pixel at 25 frames/second • 1 x 1-metre network cable included	• Simple mounting of ABUS outdoor network dome cameras • Internal cable routing
Dimensions (W × H × D)	82 × 111 mm	120 × 120 × 169 mm
Scope of delivery incl.	IR Mini HD 720p Network Outdoor Dome Camera • Power supply unit (incl. EU, AU, UK) • 1-meter network cable • CD • Ceiling mount • Installation material • Quick start guide	Wall Mount for TVIP41500 • Mounting material
Required accessories		-

Article number	**TVIP61500**	**TVIP61550**
Description	IR HD 720p Network Outdoor Camera	IR HD 720p WLAN Network Outdoor Camera
	• Compact day/night vision IP outdoor camera • Various camera installation options - whether indoors or outdoors • Simple design and high protection class (IP66) • Detailed high resolution, thanks to 1280 x 720 pixel at 25 frames/second • 1 x 1-metre network cable included • Internet and mobile access to live pictures via app and browser	• Compact day/night vision WLAN IP outdoor camera • Detailed high resolution, with 1280 x 720 pixels at 25 frames per second • Discreet design and high protection class (IP65) • Internet and mobile access to live pictures via IPCam app and browser • Images can be sent by e-mail • Integrated motion sensor system
Dimensions (W × H × D)	60 × 60 × 157 mm	60 × 60 × 157 mm
Scope of delivery incl.	IR HD 720p Network Outdoor Camera • Power supply unit • 1-meter network cable • CD • Quick start guide • Camera mount • Installation material	IR HD 720p WLAN Network Outdoor Camera • Power supply unit • 1-meter network cable • CD • Quick start guide • Camera mount • Installation material • Antenna
Required accessories	-	-

Article number	**TVVR36000**	**TVVR36000H**
Description	**4-Channel Network Digital Recorder**	**2,5'' Internal Hard Disk Drive with 1 TB Capacity**
	· Network digital recorder for individual configuration · Saves to 2.5'' hard disk drive (hard disk drive not included) · Simple and intuitive mouse operation · With 4 PoE (Power over Ethernet) interfaces for fast and easy commissioning of selected ABUS network cameras	· Low energy use, quiet and fast · Ideal for the 4-channel digital recorder TVVR30004/ TVVR36000
Dimensions (W × H × D)	200 × 45 × 200 mm	70 × 10 × 100 mm
Scope of delivery incl.	4-Channel Network Digital Recorder • Power supply unit • USB mouse • 2 × SATA cable • screws for hard drives • CD-ROM • User manual • Quickguide • network cable	2,5'' internal hard disk drive
Required accessories	-	-

Article number	**TVVR36100**	**TVVR36200**
Description	**Video Surveillance Set: Network Recorder + 1 Indoor Camera**	**Video Surveillance Set: Network Recorder + 2 Outdoor Dome Cameras**
	· Complete set with four-channel recorder, one WLAN indoor camera, 1 TB hard disk drive, two power supply units and accessories · Incl. 1 TB hard disk drive for approx. six weeks of continuous recording · Quick and easy start-up of up to four ABUS cameras without network configuration · Simple and intuitive operation using a mouse	· Complete set with four-channel recorder, two LAN outdoor dome cameras, 1 TB hard disk drive, three power supply units and accessories · Incl. 1 TB hard disk drive for approx. six weeks of continuous recording · With four PoE (Power over Ethernet) interfaces for quick and easy start-up of up to four ABUS cameras without network configuration · Simple and intuitive operation using a mouse
Dimensions (W × H × D)	-	-
Scope of delivery incl.	4-channel recorder incl. HDD • WLAN 720p indoor camera with • 2 × Power supply unit (incl. EU, AU, UK) • 1 m network cable • 18 m network cable • USB mouse • Quick Guide • CD • Manual	4-channel recorder incl. HDD • 2 × IR mini HD 720p network outdoor dome camera • 3 × Power supply unit (incl. EU, AU, UK) • 1 m network cable • 2 × 18 m network cable • USB mouse • Quick Guide • CD
Required accessories	-	-

incl. 1 TB HDD

Article number	TVVR36210

Description	**Video Surveillance Set: Network Recorder + 2 Outdoor Cameras**
	• Complete set with four-channel recorder, two LAN outdoor cameras, 1 TB hard disk drive, three power supply units and accessories • Incl. 1 TB hard disk drive for approx. six weeks of continuous recording • Simple and intuitive operation using a mouse • With four PoE (Power over Ethernet) interfaces for quick and easy start-up of up to four ABUS cameras without network configuration • Recording via motion detection, following a time schedule or continuously • Mobile access via the ABUS iDVR app • Sleek design and high protection class (IP66) for the LAN outdoor camera
Dimensions (W × H × D)	-
Scope of delivery incl.	4-channel recorder incl. HDD • 2 × IR HD 720p network outdoor camera • 3 × Power supply unit (incl. EU, AU, UK) • 1 m network cable • 2 × 18 m network cable • USB mouse • Quick Guide • CD
Required accessories	-

Article number	TVVR31100D	Article number	TVCC40000

Description	**Mini Indoor Dome Camera 500 TVL**	**IR Mini 380 TVL Outdoor Camera**
	• High light sensitivity • Good resolution • Compact, discreet dome housing • Suitable for ceiling and wall mount	• Compact outdoor camera with infrared night vision function • Automatic activation of the IR LEDs in poor light conditions • Easy plug function for simple installation of camera • Concealed cabling • Includes 3 axis camera mount (pre-installed)
Dimensions (W × H × D)	64.5 × 98 mm	60 × 57 × 155 mm
Scope of delivery incl.	Mini Indoor Dome Camera 500 TVL • Quick Guide	IR Mini 380 TVL Outdoor Camera • Installation material • Camera mount with easy-plug function (pre-installed) • User guide
Required accessories	-	TV7616 CCTV Switching Power Supply

ACCESSORIES

Article number	**TVCC12020**	**TVAC71200**
Description	**Pinhole Super Mini-Camera**	**Mini-IR Illuminator**
	• Compact design for discreet installation on walls, ceilings or furniture • Incl. adapter rings for flush and surface mounting • High resolution 520 TVL • 1/4'' Sony CCD with Sony Effio-E DSP • Integrated 3.7 mm pinhole lens	• IR-floodlight with 2 high power LEDs • Photo sensor which reacts to residual light from 2 lux • Range of up to 10 m • 90° beam angle • Mounted directly on the camera
Dimensions (W × H × D)	30 × 22 mm	52 × 52 × 70 mm
Scope of delivery incl.	Pinhole Super Mini-Camera • Ceiling mount • Adapter ring for built-in and surface-mounted installation. • User guide	Mini-IR Illuminator • Wall bracket • Mounting material • User guide
Required accessories	TV7616 CCTV Switching Power Supply	TV7616 CCTV Switching Power Supply

Article number	**TVAC20001**	**TVAC21000**	**TV7616**
Description	**BNC-VGA Converter**	**Digital Quad Processor**	**CCTV Switching Power Supply**
	• BNC and S-Video signal is converted into VGA signal • Max. resolution 1600 x 1200 pixels • Widescreen format (16:9 or 16:10) • Manual switching between input signals • Plug & Play	• 4-channel quad processor for displaying up to 4 cameras on one monitor • Real-time display (50 fields/second) • Integrated motion detector for each camera and selectable sensitivity	• Output voltage 12 V DC
Dimensions (H ×)	65 × 105 mm	220 × 450 × 205 mm	44 × 69 × 83 mm
Scope of delivery incl.	BNC-VGA converter • Power supply unit • VGA cable • S-Video cable • Installation manual	Digital Quad Processor • Power supply unit • User manual	CCTV Switching Power Supply
Required accessories	-	-	-

Article number	TVAC40000	TVAC40010
Description	**1 m Preassembled BNC Cable**	**2 m Preassembled BNC Cable**
	• BNC-plug at both ends • Impedance: 75 ohm • High-quality assembled cable • Length: 1 m	• BNC-plug at both ends • Impedance: 75 ohm • High-quality assembled cable • Length: 2 m
Scope of delivery incl.	1 m Preassembled BNC Cable	2 m Preassembled BNC Cable
Required accessories	-	-

Article number	TVAC40020	TVAC40030
Description	**3 m Preassembled BNC Cable**	**5 m Preassembled BNC Cable**
	• BNC-plug at both ends • Impedance: 75 ohm • High-quality assembled cable • Length: 3 m	• BNC-plug at both ends • Impedance: 75 ohm • High-quality assembled cable • Length: 5m
Scope of delivery incl.	3 m Preassembled BNC Cable	5 m Preassembled BNC Cable
Required accessories	-	-

Article number	**TVAC40040**	**TVAC40050**
Description	**10 m Preassembled BNC Cable**	**20 m Preassembled BNC Cable**
	· BNC-plug at both ends · Impedance: 75 ohm · High-quality assembled cable · Length: 10 m	· BNC-plug at both ends · Impedance: 75 ohm · High-quality assembled cable · Length: 20 m
Scope of delivery incl.	10 m Preassembled BNC Cable	20 m Preassembled BNC Cable
Required accessories	–	–

Article number	**AU1312**	**AU1313**
Description	**Warning Sticker CCTV Surveillance, (English) 148 x 105mm**	**Warning Sticker CCTV Surveillance, (English) , 74 x 52,5mm**
	· Printed on both sides · For "on glass" or "behind glass" · Reflecting · UV-resistant · Available in two sizes	· Printed on both sides · For "on glass" or "behind glass" · Reflecting · UV-resistant · Available in two sizes
Dimensions	105 × 148 mm	52.5 × 74 mm
Scope of delivery incl.	Warning Sticker CCTV Surveillance, (English) 148 x 105mm	Warning Sticker CCTV Surveillance, (English) , 74 x 52,5mm
Required accessories	–	–

Terxon is a wired security solution for various requirements, and is particularly suitable for new or existing buildings with cable ducts. Thanks to the wide range of detectors, the flexible alarm system can even ensure the security of hard-to-monitor premises. Signal transmission via cable ensures interference-free and, most importantly, low-maintenance operation. With three sets available, from the starter set right up to the complete kit including dialling device, there is a fitting solution for every situation.

TERXON SX WIDE RANGE OF WIRED SOLUTIONS

WIDE SELECTION
OF COMPONENTS

❶

❷

Precise monitoring thanks to infrared technology. Unlike passive infrared motion detectors, infrared light barriers only monitor a precisely-defined line. Movements in front of and alongside this line will not be detected.

360° wired motion detector: with the help of the PIR sensor, the detector reacts to the heat motion caused by people in the vicinity. When mounted on the ceiling, it enables straightforward and comprehensive monitoring. The sensitivity can be adjusted individually.

❶ Infrared Light Beam (Article number LS1020 | LS2030)

❷ Wired Motion Detector 360° (Article number BW8085)

❸ Potential-free Glass Breakage Detector with Adhesive (Article number FU7301W/B)

❹ Optic/Acoustic Combination Signal Transmitter (Article number SG1650)

Small components: the potential-free wired glass break detector monitors individual window panes within a radius of up to 2 m. It does not require its own power supply, and comes with the necessary adhesive.

The combination signalling device: this device triggers a very loud signal tone and a coloured Xenon flashing light. It is possible to control the sirens and flashing lights separately, so that the signals can also be triggered independently of each other.

AT A GLANCE
TERXON SYSTEM OVERVIEW

The Terxon SX wired alarm system from ABUS is the ideal solution for smaller premises and houses. The compact alarm control panel is the ideal model for getting started in the world of wired alarm technology. Using optional modules, the alarm panel can be extended to include additional outputs and functions.

Wired zones (maximum 8)

Control devices

(maximum 16)

(maximum 4)

Signalisation
(maximum 3)

Communication
AZ4350

PSTN
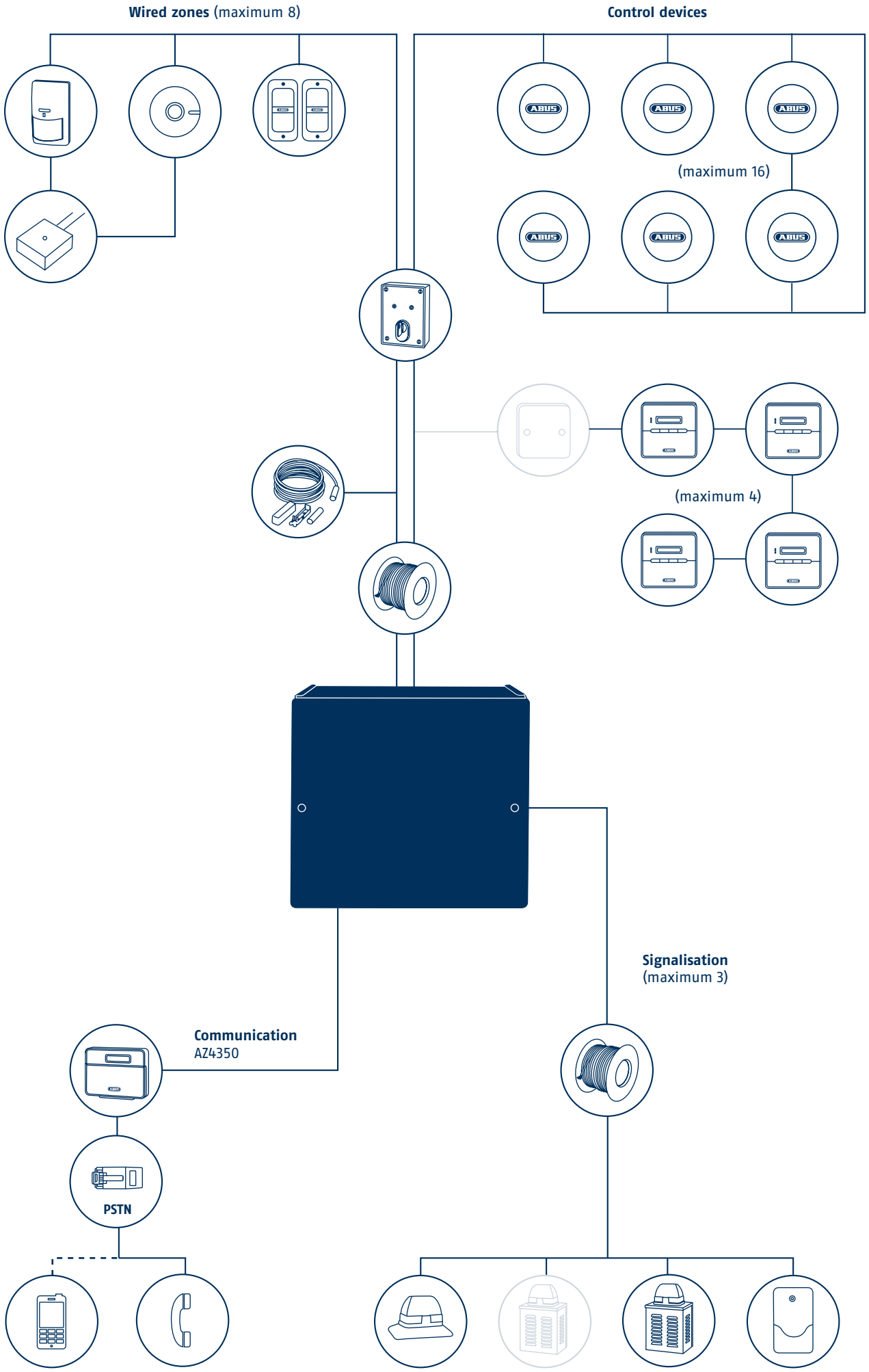
RANGE OF SETS TO HELP YOU GET STARTED
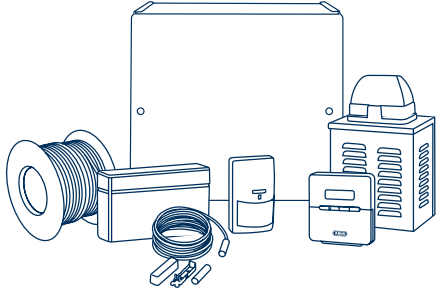
The range of Terxon sets provides the right solution for a wide range of situations. The required accessories for the components are included in the set, and expansion is possible at any time.

LOW-COST ALTERNATIVE TO WIRELESS SYSTEMS

Where the necessary structural conditions are met, low-cost wired components are a good option. Signal transmission via cable ensures interference-free and, most importantly, low-maintenance operation.

USER-FRIENDLY AND SIMPLE OPERATION
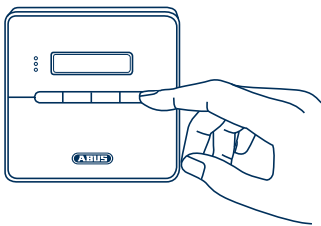
Terxon demonstrates that, when opting for a wired system, users do not have to compromise on ease of use. For example, Terxon can be easily operated via wireless remote control or a chip key.

EASY TO INSTALL IN CABLE DUCTS
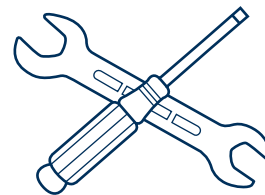
Installing the system using existing cable ducts is a breeze. If the alarm system is included in the plans for a new building, quick and easy installation is a matter of course.

WHY CHOOSE TERXON AN OVERVIEW OF THE HIGHLIGHTS

INDIVIDUAL SYSTEM CONFIGURATION
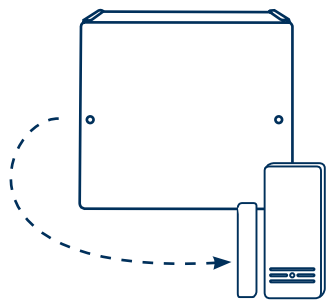
With up to 50 detectors and components available for integration, the system is able to meet a raft of different security requirements. Wire extensions and switching outputs enable further adjustments to be made.

QUALITY AND LOW-MAINTENANCE OPERATION

The quality of Terxon systems is down to reliable, tried-and-tested technology that is specially designed to ensure a long service life. Low-maintenance operation without wireless interference is yet another quality feature of Terxon.

TERXON SX
ALARM CONTROL PANEL

Article number AZ4000

Description	Terxon SX Alarm Control Panel

- Convenient operation using the LCD control panel
- Option of extension with insertable relay module
- Compact housing
- High security thanks to sabotage monitored alarm panel, control panel, and detectors

Connections	230 V screw terminal, 13.8 V screw terminal, loudspeaker, zone-screw terminal, 11 x switching outputs
Number of control panels	4
Number of users	16
Number of wired zones	8
Number of tamper zones	1
Display	Two-line LCD alphanumerical display
Battery type	12V DC, 7.0 Ah lead rechargeable battery
Width	240 mm
Event log	250
Extensible (hybrid)	No
Remote configuration	No
Housing material	Alarm centre: Metal, control unit: ABS
Integrated siren	Buzzer in control panel
Communication/alarming	Only compatible via external dialer: AZ6301, AZ6302, AZWG10000
Max. number of control panels	4
Max. operating temperature	40° C
Max. battery charging time	24 h
Max. humidity	75 %
Max. run time on backup power	12 h
Min. operating temperature	-10° C
Backup power supply	Yes (battery optional)
Configuration (1)	Via control panel
Tamper lines:	2
Tamper monitoring	Yes
Switching outputs	3 x 500 mA transistors, 8 x 50 mA transistors, freely programmable
Security level	2
Fuse	230 V / 250 mA; 12 V: 1 A fast; battery: 2 A fast
Voltage monitoring	Ja
AC voltage supply	230 V
Power consumption	200 mA
Partitions/surveillance partitions	4 (1 main area and 3 sub-areas)
Environmental class	II
Certifications	INCERT, F&P, NCP
Zone closure	NC oder DEOL
Dimensions (W × H × D)	240 × 240 × 85 mm
Scope of delivery incl.	Terxon SX alarm panel • Control panel • Resistors • User guide • Installation manual
Required accessories	AZ4120 Terxon MX 8-Zone Wireless Extension • AZ4130 Terxon MX 8-Zone Wired Extension • BT2070 VdS Battery, 12 V, 7.0 Ah

SETS

Article number	**AZ4298**

Description	**Terxon SX Starter Set**
	· Ideal starter set for wired alarm systems · Includes control panel, siren, motion detector, 2 opening detectors and 50 m alarm cable · Can be flexibly extended at any time · With 8 freely configurable zones
Scope of delivery incl.	Terxon SX Alarm Control Panel • Flashing light and siren, red • Alarm cable, 8-core, 50 m • VdS battery, 12 V, 7.0 Ah • Xevox Eco motion detector • 2 × Opening detector, 2 m, 2-core, white
Required accessories	-

Article number	**AZ4301**	Article number	**AZ4350**

Description	**Terxon SX Complete Package**	**Terxon SX Full Kit with Dialer**
	· Wired alarm system with full range of accessories for optimum protection · Includes control panel, outdoor siren, 2 motion detectors, 5 opening detectors and 50 m alarm cable · External key switch with cylinder and 5 proximity chip stickers · Can be flexibly extended at any time · With eight freely configurable zones	· Optimal basic equipment for effective protection with quiet alarm · Unbeatable value for money · VdS motion detectors included · PSTN dialer and indoor sounder included
Scope of delivery incl.	Terxon SX Alarm Control Panel • VdS battery 12 V, 7.0 Ah • Key switch incl. ABUS quality cylinder • 2 × Screw terminal distributor flush mount, 12-pins, white • Alarm cable, 8-core, 50 m • 2 × Wired motion detector • Optic / acoustic combination signal transmitter • 5 × Opening detector, 2 m, 2-core, white • 5 × Terxon Proximity chip sticker	Terxon SX Alarm Control Panel • VdS battery, 12 V, 7.0 Ah • 5 × Opening detector, 2 m, 2-core, brown • Terxon PSTN dialer • Key switch incl. ABUS quality cylinder • Inside siren • Alarm cable, 8-core, 50 m • 2 × Xevox Profi VdS motion detector • 5 × Terminal distributor flush mount, 16-pins, white
Required accessories	-	-

Article number	**AZ4111**	**AZ5502**

Description	**Extension LCD Keypad for Terxon**	**Proximity Chip Sticker, 5pcs. Set Terxon SX**
	• For operating and programming the alarm panel • Suitable for interior areas and protected outer areas • Operate your alarm panel with PIN code or proximity chip key • Integrated proximity chip key reader	• Proximity arming and disarming of the Terxon alarm system without entering a code on the control panel • Self-adhesive, unobtrusive proximity chip sticker for mobile phone, wallet etc. • Simply hold it in front of the control panel • Simple installation and configuration on the Terxon alarm control panel

Dimensions (W × H × D)	113 × 90 × 23 mm	0.5 × 25 mm
Scope of delivery incl.	LCD control panel	5 × Proximity Chip Key
Required accessories	–	–
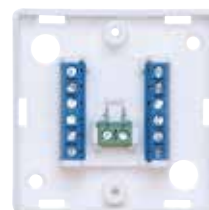
Article number	**SE1010**	**VT5101W**

Description	**Key Switch incl. ABUS Quality Cylinder**	**Screw Terminal Distributor Flush Mount, 12-pins (white)**
	• Easy installation and operation • Easy to activate and deactivate by turning key • For on-wall mounting • High security thanks to core extraction protector as well as cover and wall sabotage switch • Sturdy housing	• Simple surface installation • Fast wiring due to screw clamps • Shock-resistant plastic • Cover contact • High-quality finish for professional installation

Dimensions (W × H × D)	117 × 87 × 55 mm	65 × 65 × 18 mm
Scope of delivery incl.	Flush-mounted key switch • ABUS quality cylinder C83	Screw Terminal Distributor Flush Mount, 12-pins (white)
Required accessories	–	–

OPERATING CONCEPT

SYSTEM COMPONENTS

Article number	**BW8000**	**BW8070**
Description	**Wired Motion Detector**	**Xevox Pet Motion Detector**
	• Passive infrared sensor • High HF interference immunity • Look-down lens protection • Only 9mA power consumption	• One PIR element • A dog under 30kg does not trigger an alarm • Detection range: 12 x 12m • Aperture angle: 90°, ideal for corner mounting
Dimensions (W × H × D)	60 × 106 × 47 mm	60 × 107 × 48 mm
Scope of delivery incl.	Wired Motion Detector	Xevox Pet Motion Detector
Required accessories	-	-

Article number	**BW8085**	**AZ6360**
Description	**Wired Motion Detector 360°**	**Alarm cable, 8-core, 50m**
	• Microprocessor-controlled PIR sensor with 360° detection range • High room exploitation • Detection diameter: 13 m diameter at 4 m height • Walk-test function • Tamper protection	• High-quality finish • Easy to strip • Corrosion-resistant, tin-plated, flexible cores • Screened lines
Dimensions (H ×)	135 × 27 mm	-
Scope of delivery incl.	Wired Motion Detector 360°	Alarm cable, 8-core, 50m
Required accessories	-	-

Article number	**FU7301B**	**FU7301W**
Description	**Potential-free Glass Breakage Detector with Adhesive (brown)**	**Potential-free Glass Breakage Detector with Adhesive (white)**
	· Potential-free glass break detector for sticking to window panes (incl. suitable adhesive) · No operating voltage necessary · Ideal for mechatronics components with terminal connector or using with wireless magnetic contacts · Cable length, 2 m (2-core) · Detection range: 2 m radius	
Dimensions (W × H × D)	18 × 18 × 9 mm	18 × 18 × 9 mm
Scope of delivery incl.	Potential-free glass break detector incl. 2 m cable • UHU super mini super glue gel (1g)	Potential-free glass break detector incl. 2 m cable • UHU super mini super glue gel (1g)
Required accessories	-	-

Article number	**LS1020**	**LS2030**
Description	**Ecoline Infrared Light Beam**	**Profiline Infrared Light Beam, 30m**
	· Suitable for interior room monitoring, passive trap systems, external shell protection, free-land monitoring · Optimal for smaller properties · IP66	· Suitable for interior room monitoring, passive trap systems, external shell protection, free-land monitoring · High surveillance range · Pulsed dual light beams · Laser for easy adjustment · IP55
Dimensions (W × H × D)	46 × 95 × 34 mm	173 × 74 × 72 mm
Scope of delivery incl.	Infrared transmitter (Tx) with front cover • Infrared receiver (Rx) with front cover • 4 × Housing screws	Infrared transmitter (Tx) with front cover • Infrared receiver (Rx) with front cover • Installation material also for mast mounting
Required accessories	-	-

Article number	FU7350W	MK2000W
Description	**Wired NC Opening Detector (white)**	**Opening Detector, 5m, 2-core (white)**
	• For reliable protection of windows and doors (perimeter protection) • Magnetic contact suitable for wall mounting and flush mounting • Opening detector consisting of magnetic contact and magnet • Incl. 2 m cable (2-wire), mounting enclosure, shims and fixing screws	• For reliable perimeter protection • For protecting doors and windows
Dimensions (W × H × D)	11 × 12 × 48 mm	11 × 12 × 48 mm
Scope of delivery incl.	Opening Detector • Magnet	Opening Detector • Magnet
Required accessories	-	-

Article number	SG1650	SG1681
Description	**Optic/Acoustic Combination Signal Transmitter**	**Flashing Light and Siren (red)**
	• Robust siren in aluminum housing • Extremely loud 110 dB (A) @ 1 m • Siren and flash light can be controlled separately • Sabotage-monitored	• Can be used in interior areas and protected outer areas • Separate control of flash light and siren • Sound pressure: 110 dB (A) @ 1 m • Protection class: IP34
Dimensions (W × H × D)	190 × 310 × 115 mm	122 × 73 × 43 mm
Scope of delivery incl.	Optic/Acoustic Combination Signal Transmitter	Flashing Light and Siren (red)
Required accessories	-	-

ADDITIONAL ACCESSORIES

Article number	SG1670	SG3210
Description	**Xenon Flashing Light (red)**	**Dummy Combined Signaling Device**
	• Including adapter and surface mounting • High flash power • Can also be mounted on SG1660 • Splashproof • Protection class: IP54	• Cannot be differentiated from functioning alarms • Can be used to house various sirens and flashlight electronics • Extremely weather-resistant housing
Dimensions (W × H × D)	175 × 110 × 75 mm	190 × 200 × 120 mm
Scope of delivery incl.	Xenon flashing light • Adapter for flush mounting • Installation material	Dummy Combined Signaling Device
Required accessories	-	-
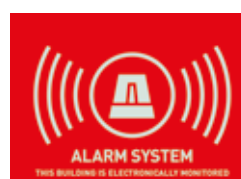
Article number	AU1314	AU1315
Description	**Warning Sticker "Alarm" (English), 148X105mm**	**Warning Sticker "Alarm" (english), 74X52,5mm**
	• Printed on both sides • Reflecting • For "on glass" or "behind glass" • UV-resistant • Available in two sizes	• Printed on both sides • Reflecting • For "on glass" or "behind glass" • UV-resistant • Available in two sizes
Dimensions	148 × 105 mm	74 × 52,5 mm
Scope of delivery incl.	Warning Sticker "Alarm" (English), 148X105mm	Warning Sticker "Alarm" (english), 74X52,5mm
Required accessories	-	-

ITEM NUMBER INDEX

SERVICE & CONTACT

Customer service

The Customer Service department is the first point of contact for new customers at ABUS Security-Center. Our customer advisers use a sophisticated and professional system in order to record and display all of the relevant information without delay. Here you will receive advice, information and assistance with your orders as well as being informed of special offers.

Sales UK	0117 204 7000
Fax orders	0117 204 7003
Email orders	sales@abus-uk.com

Sales International	+49 8207 959 90-833
Fax orders	+49 8207 959 90-152
Email orders	export@abus-sc.com

Technical support

If problems occur with our products, our technical support team are ready to take your call and work with you step by step to find a solution. And when on-site assistance is required, our technical field service representatives are on hand.

Quality assurance – Service – Production (QSP)

If a technical defect occurs, our QSP department will perform a thorough check of your equipment and repair it if possible.

Technical support UK	0117 204 7000

Technical support International for video products +49 8207 959 90-555
Technical support International for alarm products +49 8207 959 90-444

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