

a Better Solution  
for your Business™

# BIXOLON GUIDE

2008 EDITION

**BIXOLON Headquarters**

Address #A-5F, Digital Empire Building, 980-3,  
Yeongtong-dong, Yeongtong-gu, Suwon-si,  
Gyeonggi-do, 443-813, Korea  
Tel +82 (0) 31 218 5500  
Fax +82 (0) 31 218 5589  
E-mail sales@bixolon.com

**BIXOLON America Inc.**

Address 1210 E. 223rd street Suite #330 Carson, CA 90745  
Tel +1 858 764 4580  
Fax +1 310 522 9319  
E-mail sales@bixolonusa.com

**BIXOLON Germany GmbH**

Address Tiefenbroicher Weg 35, 40472 Düsseldorf  
Tel +49 (0) 211 68 78 54 0  
Fax +49 (0) 211 68 78 54 20  
E-mail sales@bixolon.de

**BIXOLON UK Branch**

Address 8 Westfield Farm Askham Lane York YO24 3HU  
Tel +44 (0) 1904 786178  
Fax +44 (0) 1904 788873  
E-mail m.leary@bixolon.de

BIXOLON Mobile Printer SPP-R200, a small and lightweight mobile receipt printer can be a wise assistant for any mobile receipt printing application where you need on demand with fast printing speed up to 80mm per second. SPP-R200 also utilizes a long-life lithium-ion battery that has an operation with 8 hours (Stand-by: 14 hours).

Compact yet Rugged  
BIXOLON Mobile Printer

# SPP-R200

Magnetic card reader integrated into the printer allows credit cards to be processed immediately at the point of transaction, increasing customers' sense of security since the credit card does not leave their sight.

The BIXOLON Mobile Printer SPP-R200 is a small, lightweight mobile receipt printer that brings user convenience and functionality to any mobile receipt printing applications such as;

- Mobile POS / Retail
- Hospitality
- Parking Citations
- Deliveries
- Onboard Transportation
- Field Repairs / Installation
- Warehouse/Logistics
- Utility billing / Meter Reading

Intuitive wireless capability, long battery life and handheld size that suits perfectly on a belt strap or leather case, the Compact yet Rugged, Mobil Printer SPP-R200 fully satisfies the anytime and anywhere demands of today's mobile commerce.



SPP-R200M  
(With MSR)

SPP-R200  
(Without MSR)

## SPP-R200 Highlights

- Rugged design and small size
- Damage-resistance to multiple drops of up to 1.2 meters (4 feet)
- Rubber over-molding
- Faster printing speeds-up to 80mm/sec (3.15 inch/sec)
- Long lasting Lithium-ion battery (7.4V, 1200mAh)
- Operation: 8 hours (approx. 10 x Ø 40mm rolls per battery charge)
- Stand-by: 14 hours
- Customer oriented software tools
- Firmware download tool (with cable or without cable)
- Bluetooth firmware download tool
- Font download tool (Virtual Memory Switch Manager)
- NV Image tool (Logo download)
- Easy-to-use
- One touch cover open and easy paper loading
- 4 step battery indicator and connectivity status



SLP-T400C  
(Auto-Cutter Type)

SLP-T400  
(Standard Type)

## SLP-T400 Highlights

- Enhanced Hardware provided
- Faster printing speed (6 inches per second, 150mm/sec)
- High resolution (300 dpi optional) of printing (SLP-T403)
- Wide range of ribbon rolls length from 74m to 300m
- All in one interface (Serial, Parallel, USB)
- Optional Internal/External Ethernet & Bluetooth interface card
- Advanced Firmware included
- 6 different languages supported (Programming languages) SLCS\*, EPL II, ZPL II, ESC-POS, DPL / CPL (Optional)
- The label format can be stored in the printer and can be reused 2D barcode (Maxi code, PDF 417, QR Code, Data Matrix)
- Block printing (Line, Box, and Slope etc.)
- 22 Code pages supported (included in the standard firmware)
- Customer Oriented Software tools
- Device font supported
- Command programming supported
- User-defined paper size supported
- Compatible Nice Label Program Provided
- Zoom Driver from A4 or Letter size to 4 inch size
- True Type font download tool supported
- Unified label printer utility supported

\* SLCS : BIXOLON SAMSUNG Language Command

The SLP-T400 is an ideal for a wide array of mission critical bar code labeling requirements including 2D, such as Maxicode, PDF417, QR Code and Data Matrix applications. In fact, where intricate two-dimensional bar coding is required for compliance labeling, small parts tracking, or product identification, the SLP-T400 has emerged as the printer of choice by large, multinational operations.

High-performance, High-reliability  
BIXOLON Thermal Transfer Label Printer

# SLP-T400

This easy-to-use, low-maintenance printer SLP-T400 reduces training requirements and operating costs, and provides flexible solutions through a variety of options and accessories.

BIXOLON Label Printer SLP-T400 integrates easily into a variety of mid-to low-volume printing applications including;

- Warehousing
- Inventory control, Asset management
- Transfer / Distribution
- Outer box, Shipping, Delivery, Pallet
- Healthcare specimen labeling and patient tracking
- Retail product marking, Shelf labeling, Coupon and Receipt printing
- Transportation / Logistics
- Ticketing – Events entry tickets
- General industry & Manufacturing labeling requirements





# BIXOLON Mini Printer



		Thermal Receipt Printers				
		SRP-350plus /352plus	SRP-350	SRP-370/372	STP-131	
<b>PRINT</b>	PRINTING METHOD	Direct thermal	Direct thermal	Direct thermal	Direct thermal	
	PRINTING SPEED	SRP-350 Plus: 200mm/sec SRP-352 Plus: 195mm/sec	150mm/sec	SRP-370: 200mm/sec SRP-372: 195mm/sec	75mm/sec	
	RESOLUTION	SRP-350 Plus: 180 dpi (7 dot/mm) SRP-352 Plus: 203 dpi (8 dot/mm)	180 dpi (7 dots/mm)	SRP-370: 180 dpi (7 dot/mm) SRP-372: 203 dpi (8 dot/mm)	180 dpi (7 dots/mm)	
	CHARACTER SIZE (W X H dots)	Font A: 12 X 24 Font B: 9 X 24 Korean: 24 X 24 Chinese: 24 X 24	Font A: 12 X 24 Font B: 9 X 17 Korean: 24 X 24 Chinese: 24 X 24	Font A: 12 X 24 Font B: 9 X 24 Korean: 24 X 24 Chinese: 24 X 24	Font A: 12 X 24 Font B: 9 X 24 Korean: 24 X 24 Chinese: 24 X 24	
	CHARACTERS PER LINE	SRP-350 Plus: Font A: 42 Font B: 56 SRP-352 Plus: Font A: 48 Font B: 64 SRP-350 Plus: Korean: 21 Chinese: 21 SRP-352 Plus: Korean: 24 Chinese: 24	Font A: 42 Font B: 56 Korean: 21 Chinese: 21	SRP-370: Font A: 42 Font B: 56 SRP-372: Font A: 48 Font B: 64 SRP-370: Korean: 21 Chinese: 21 SRP-372: Korean: 24 Chinese: 24	Font A: 42 Font B: 56 Korean: 21 Chinese: 21	
	CHARACTER SET	Alphanumeric Character: 95 Extended Character: 128 X 34 page International Character: 32	Alphanumeric Character: 95 Extended Character: 128 X 34 page International Character: 32	Alphanumeric Character: 95 Extended Character: 128 X 34 page International Character: 32	Alphanumeric Character: 95 Extended Character: 128 X 7 page International Character: 32	
	BARCODES	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E 2D: PDF417, QR Code	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E 2D: PDF417, QR Code	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E 2D: PDF417, QR Code	EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A	
	<b>PAPER</b>	WIDTH	80mm	80mm	58, 80, 83mm	80mm
		PAPER ROLL DIAMETER	Max Ø 83.0mm	Max Ø 83.0mm	Max Ø 103.0mm	Max Ø 83.0mm
		SUPPLY METHOD	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Auto Paper Loading
<b>RELIABILITY</b>	PRINTER UNIT	70,000,000 Lines	37,000,000 Lines	70,000,000 Lines	30,000,000 Lines	
	TPH	150 Km	150 Km	150 Km	100 Km	
	AUTO CUTTER	1,800,000 cuts	1,500,000 cuts	1,500,000 cuts	1,000,000 cuts	
<b>INTERFACE</b>		USB 2.0 on board, RS-232C, IEEE1284, Ethernet, Bluetooth	RS-232C, IEEE1284, USB, RS-485, Ethernet, Bluetooth	RS-232C, IEEE1284, USB, Ethernet, Bluetooth	RS-232C, IEEE1284	
	<b>RECEIVE BUFFER</b>	4 Kbyte	4 Kbyte	64 Kbyte	15 Kbyte	
<b>UV IMAGE</b>		Mono: 256 Kbyte Color: 256 Kbyte	Mono: 256 Kbyte	Mono: 256 Kbyte	Mono: 256 Kbyte	
	<b>USER DEFINE BUFFER</b>	12 Kbyte	12 Kbyte	12 Kbyte	23 Kbyte	
<b>EMULATION</b>		ESC / POS	ESC / POS	ESC / POS	ESC / POS	
<b>DRIVER</b>		Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS, JPOS(only SRP-350plus)	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS, JPOS	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS	
<b>SENSOR</b>		Paper Near End Sensor, Paper End Sensor, Cover Open Sensor	Paper Near End Sensor, Paper End Sensor, Cover Open Sensor	Paper Near End Sensor, Paper End Sensor, Cover Open Sensor	Paper Near End Sensor, Paper End Sensor, Cover Open Sensor	
<b>DRAWER PORT</b>		2 ports	2 ports	2 ports	2 ports	
<b>POWER SUPPLY (SMPS)</b>		AC 100-240V DC 24V, 2.5A	AC 100-240V DC 24V, 2.5A	AC 100-240V DC 24V, 2.5A	AC 100-240V DC 24V, 2.5A	
	<b>DIMENSIONS (W X L X H mm)</b>	A: 145 X 195 X 146 C: 145 X 195 X 146 F: 145 X 195 X 180	145 X 195 X 146	142 X 210 X 155	150 X 205 X 132	
<b>OPERATING TEMP.</b>		0 ~ 45°C	0 ~ 45°C	0 ~ 45°C	5 ~ 45°C	
<b>OPTION</b>	WALL MOUNT	RWM-350	RWM-350	RWM-370		
	SPLASH COVER	RSC-350plus	RSC-350	RSC-370		

		Impact Receipt Printer		Inkjet Receipt Printer	Label Printer			
		STP-103/103DK	SRP-275	SRP-270	SRP-500	SLP-T400	SRP-770II	
<b>PRINT</b>	PRINTING METHOD	Direct thermal	9 Pin Serial Dot Matrix	9 Pin Serial Dot Matrix	Color Inkjet	Direct thermal, Thermal Transfer	Direct thermal	
	PRINTING SPEED	50mm/sec	5.1 LPS	4.6 LPS	13 LPS (at 12 column), 6.5 LPS (at 40 column)	150mm/sec (6ips)	127mm/sec (5ips)	
	RESOLUTION	203 dpi (8 dots/mm)	Horizontal Resolution: 80 dpi Vertical Resolution: 144 dpi	Horizontal Resolution: 80 dpi Vertical Resolution: 144 dpi	Text Resolution: 104 dpi Graphic Resolution: 208 dpi	203 /300 (option) dpi (8 dot/mm)	203 dpi (8 dot/mm)	
	CHARACTER SIZE (W X H dots)	Font A: 12 X 24 Font B: 9 X 24 Korean: 24 X 24 Chinese: 24 X 24	Font A: 9 X 9 Font B: 7 X 9 Korean: 16 X 16 Chinese: 16 X 16	Font A: 9 X 9 Font B: 7 X 9 Korean: 17 X 9 Chinese: 16 X 16	Font A: 14 X 12 Font B: 12 X 12 Korean: 24 X 12 Chinese: 20 X 24	CHARACTER SIZE (W X H dots) 0 (09 X 15), 1 (12 X 20), 2 (16 X 25), 3 (19 X 30), 4 (24 X 38), 5 (32 X 50), 6 (48 X 76), 7 (22 X 34), 8 (28 X 44), 9 (37 X 58), Korean a 16 X 16 (ASCII: 9 X 15), Korean b 24 X 24(ASCII:16 X 25), Korean c 20 X 20(ASCII:12 X 20), Korean d 26 X 26(ASCII:16 X 30), Korean e 20 X 26(ASCII:16 X 30), Chinese (24 X 24)	CHARACTER SIZE (W X H dots) 0 (09 X 15), 1 (12 X 20), 2 (16 X 25), 3 (19 X 30), 4 (24 X 38), 5 (32 X 50), 6 (48 X 76), 7 (22 X 34), 8 (28 X 44), 9 (37 X 58), Korean a 16 X 16 (ASCII: 9 X 15), Korean b 24 X 24(ASCII:16 X 25), Korean c 20 X 20(ASCII:12 X 20), Korean d 26 X 26(ASCII:16 X 30), Korean e 20 X 26(ASCII:16 X 30), Chinese (24 X 24)	
	CHARACTERS PER LINE	Font A: 42 Font B: 42 Korean: 16 Chinese: 16	Font A: 33 Font B: 40 Korean: 20 Chinese: 20	Font A: 33 Font B: 40 Korean: 20 Chinese: 22	Font A: 36 Font B: 42 Korean: 21 Chinese: 25	Font A: 32 Font B: 42 Korean: 16 Chinese: 16	Font A: 32 Font B: 42 Korean: 16 Chinese: 16	
	CHARACTER SET	Alphanumeric Character: 95 Extended Character: 128 X 7 page International Character: 32	Alphanumeric Character: 95 Extended Character: 128 X 27 page International Character: 48	Alphanumeric Character: 95 Extended Character: 128 X 7 page International Character: 32	Alphanumeric Character: 95 Extended Character: 128 X 12 page International Character: 32	Alphanumeric Character: 95 Extended characters Page: 128 X 22 International Character: 32 Resident Bitmap Fonts: 10, True Type Fonts	Alphanumeric Character: 95 Extended characters Page: 128 X 22 International Character: 32 Resident Bitmap Fonts: 10	
	BARCODES	EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A			EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E, Interleave 2 of 5 2D: PDF417, QR Code, Maxicode, Data Matrix	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E, Code 128, ITF, Coda Bar, UPC-A, UPC-E, Interleave 2 of 5 2D: PDF417, QR Code, Maxicode	
	<b>PAPER</b>	WIDTH	58.0 ± 0.5mm	57.5 ± 0.5mm, 69.5 ± 0.5mm, 76 ± 0.5mm	76 ± 0.5mm	76 ± 0.5mm	Roll Type: 25-118mm	Roll Type: 38.1-106mm (1.5-4.2 inch) Fan/fold Type: 41-112mm (2.9-4.4 inch)
		PAPER ROLL DIAMETER	Max Ø 60.0mm	Max Ø 83.0mm	Max Ø 83.0mm	Max Ø 83.0mm	Inside Dia: 25.4-38.1mm (1-1.5 inch) Outside Dia: Max.130mm (5.1 inch)	Inside Dia: 25.4-38.1mm (1-1.5 inch) Outside Dia: Max.130mm (5.1 inch)
		SUPPLY METHOD	Easy Paper Loading	Easy Paper Loading	Auto Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
<b>RELIABILITY</b>	PRINTER UNIT	30,000,000 Lines	18,000,000 Lines	18,000,000 Lines	18,000,000 Lines	WARRANTY PRINTER UNIT 12 Months	WARRANTY PRINTER UNIT 12 Months	
	TPH	100 Km	300 Million dots/wire	300 Million dots/wire	300 Million dots/wire	HEAD 6 Months	HEAD 6 Months	
	AUTO CUTTER	Manual Cutter	1,000,000 cuts	1,000,000 cuts	1,500,000 cuts	AUTO CUTTER(OPTION) 6 Months	AUTO CUTTER(OPTION) 6 Months	
<b>INTERFACE</b>		RS-232C, IEEE1284	RS-232C, IEEE1284, USB, Ethernet, Bluetooth	RS-232C, IEEE1284, USB, RS-485, Ethernet, Bluetooth	RS-232C, IEEE 1284, USB	RS-232C, IEEE1284, USB all in one(standard), Ethernet (internal / external), Bluetooth	RS-232C, IEEE1284, USB all in one(standard), Ethernet (internal / external), Bluetooth	
	<b>RECEIVE BUFFER</b>	15 Kbyte	8 Kbyte	4 Kbyte	8 Kbyte	256 Kbyte	64 Kbyte	
<b>UV IMAGE</b>		Mono: 256 Kbyte	256 Kbyte	-	256 Kbyte	64 Kbyte	64 Kbyte	
	<b>USER DEFINE BUFFER</b>	23 Kbyte	12 Kbyte					
<b>EMULATION</b>		ESC / POS	ESC / POS	ESC / POS	ESC / POS	SLCS, EPLII, ZPLII, ESC / POS	SLCS, EPLII, ZPLII, ESC / POS	
<b>DRIVER</b>		Win 95/ 98/ ME/ 2000/ NT/ XP/ VISTA/ 2003 server/ OPOS	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA	Win 95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS(Receipt only)	
<b>SENSOR</b>		Paper Near End Sensor, Paper End Sensor, Cover Open Sensor	Paper Near End Sensor, Paper End Sensor, Wall Mounting Paper Near End Sensor, Rear Cover Open Sensor	Paper End Sensor	Low Ink Indicator, No Cartridge Indicator, Paper Near End Sensor, Paper End Sensor, Front Cover Open Sensor	Transmissive Sensor, Reflective Sensor (Position adjustable), Ribbon-End, Head	Transmissive Sensor	
<b>DRAWER PORT</b>		1 ports	2 ports	2 ports	2 ports			
<b>POWER SUPPLY (SMPS)</b>		AC 100-240V DC 24V, 1.5A	AC 100-240V DC 24V, 1.5A	AC 100-240V DC 24V, 1.5A	AC 100-240V DC 24V, 2A	AC 100-240V DC 24V, 3.75A	AC 100-240V DC 24V, 3.75A	
	<b>DIMENSIONS (W X L X H mm)</b>	100 X 191 X 90	A: 160 X 239 X 157 C: 160 X 239 X 157	A: 160 X 249 X 130 C: 160 X 249 X 149 D: 160 X 295 X 160	172 X 226 X 152	214 X 310 X 200	184 X 221 X 171	
<b>OPERATING TEMP.</b>		5 ~ 40°C	0 ~ 50°C	0 ~ 40°C	10 ~ 40°C	0 ~ 45°C	0 ~ 45°C	
<b>OPTION</b>	WALL MOUNT		RWM-350			RFID, Auto Cutter, NiceLabel Design Program		
	SPLASH COVER		RSC-275			(Full version), External Media Stacker		

		Mobile Printer	
		SPP-R200	
<b>PRINT</b>	PRINTING METHOD	Direct thermal	
	PRINTING SPEED	80mm/sec (3.15 inch/sec)	
	RESOLUTION	203 dpi (8 dot/mm)	
	CHARACTER SIZE (W X H DOTS)	Font A: 12 X 24 Font B: 9 X 24 Korean: 24 X 24 Chinese: 24 X 24	
	CHARACTERS PER LINE	Font A: 32 Font B: 42 Korean: 16 Chinese: 16	
	CHARACTER SET	Alphanumeric Character: 95 Extended Character: 128 X 30 page International Character: 32	
	BARCODES	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E 2D: PDF417, QR Code	
	<b>PAPER</b>	WIDTH	58 mm ± 0.5 mm
		PAPER ROLL DIAMETER	Max Ø 40.0mm
		SUPPLY METHOD	Easy Paper Loading
<b>RELIABILITY</b>	PRINTER UNIT	35,000,000 Lines	
	TPH	120 Km	
	BATTERY	500 Cycles Rechargeable	
<b>INTERFACE</b>		RS-232C, USB, Bluetooth	
	<b>RECEIVE BUFFER</b>	128 Kbyte	
<b>UV IMAGE</b>		256 Kbyte	
<b>USER DEFINE BUFFER</b>		8 Kbyte	
<b>EMULATION</b>		ESC / POS	
<b>DRIVER</b>		WinCE 4.2, WinCE 5.0, Win95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS	
<b>SENSOR</b>		Paper End Sensor, Rear Cover Open Sensor	
<b>LANGUAGE</b>		Customer Language Support	
<b>WEIGHT</b>		293g (Printer+Battery+Paper roll)	
<b>DIMENSIONS (W X L X H mm)</b>		79.5 X 126.7 X 43.6	
<b>OPERATING TEMP.</b>		-15 ~ 50°C	
<b>Battery</b>	TYPE	Lithium-ion	
	OUTPUT	Voltage : 7.4 VDC Capacity : 1200 mAh	
	CHARGING TIME	2.5Hrs	
<b>Battery Charger</b>	INPUT	Voltage : AC 100-240 Current : 1.0A (Max. at 110V)	
	OUTPUT	Voltage: DC 8.4V Current: 0.8A	

		Customer Display	
		BCD-1000/1100	
<b>DISPLAY</b>	DISPLAY METHOD	VFD (Vacuum Fluorescent Display)	
	DISPLAY COLOR	Blue Green	
	BRIGHTNESS (CD/M <sup>2</sup> )	800-1000/700(BCD-1100)	
	CHARACTER SIZE (W X H mm)	5.45 X 9.15 / 3.5 X 5.0 (BCD-1100)	
	CHARACTERS PER LINE	40 (20 characters X 2 Lines)	
	CHARACTER FONT	5 X 7 dot matrix, Comma, Decimal Point, Annunciator	
	DOWNLOAD CHARACTERS	95 Characters	
	CHARACTER SET	Alphanumeric Character: 95 Extended Characters: 128 X 16 page International Character: 32	
	RELIABILITY	20,000 hours	
	VIEWING ANGLE	52° (5 positions)	
HORIZONTAL ROTATIONS	Max. 360°		
<b>EMULATION</b>		ESC/POS, ADM 787/788, DSP800, AEDEX, UTC, Standard, UTC Enhance, CD5220, NCR Real Pos, PD 6000, ICD 2002	
	<b>DRIVER</b>		Win95/ 98/ ME/ 2000/ NT/ XP/ 2003 server/ VISTA, OPOS
		<b>INTERFACE</b>	
<b>FACTORY OPTION</b>		USB Interface, Sub PCB A Type	
<b>POWER SUPPLY</b>		DC 5.0-24V/300-1350mA	
<b>DIMENSIONS (W X L X H mm)</b>		BCD-1000D: 231 X 105 X 179-533 BCD-1000DN: 231 X 105 X 158-511 BCD-1000W: 231 X 105 X 152 BCD-1100D: 218 X 105 X 179-533 BCD-1100DN: 218 X 105 X 158-511 BCD-1100W: 218 X 105 X 152 VFD: 219 X 48.5 X 80 BCD-1100D: 218 X 105 X 179-533 BCD-1100DN: 218 X 105 X 158-511 BCD-1100W: 218 X 105 X 152 VFD: 167 X 47 X 80	



## Interface

BIXOLON features a wide and versatile range of interfaces including Ethernet and Bluetooth. Besides satisfying customer needs, these enable easy upgrading in the future, an important consideration for a growing business.

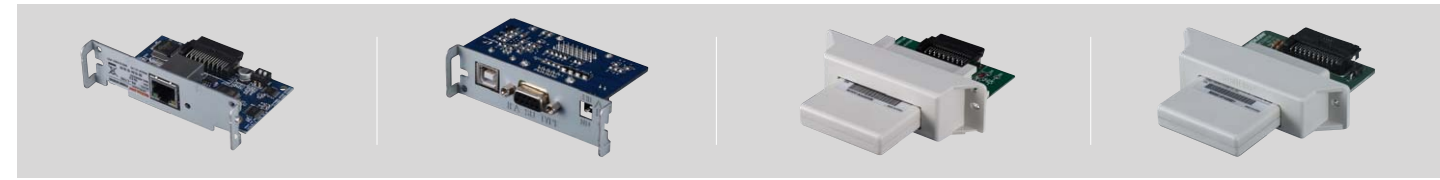


**IFA-S TYPE/IFD-S TYPE (RS-232C)**  
SRP-270, SRP-350,  
SRP-350plus/352plus, SRP-370/372

**IFA-P TYPE/IFD-P TYPE (IEEE-1284)**  
SRP-270, SRP-350, SRP-370/372  
**IFG-P TYPE** : SRP-350plus/352plus

**IFA-U TYPE (USB)**  
USB 1.0 : SRP-270, SRP-350, SRP-370/372  
**USB 2.0 on-board standard** :  
SRP-350plus/352plus

**IFA-SF TYPE (RS-485)**  
SRP-270, SRP-350, SRP-370/372

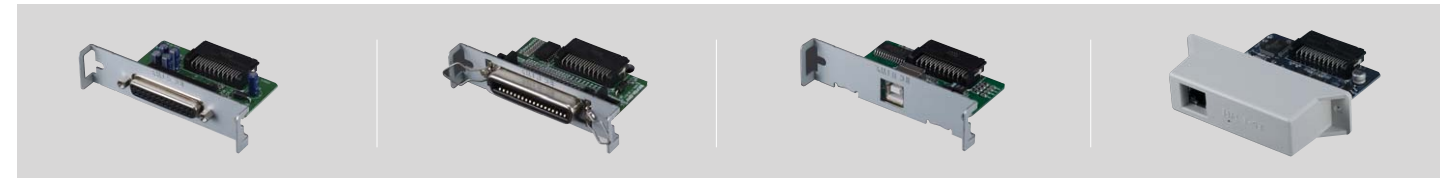


**IFA-E TYPE (Ethernet)**  
SRP-270, SRP-350,  
SRP-350plus/352plus, SRP-370/372

**IFA-SU TYPE (USB + Serial)**  
SRP-270, SRP-350, SRP-370/372

**IFA-BT10F (Bluetooth)**  
SRP-270, SRP-350,  
SRP-350plus/352plus, SRP-370/372

**IFC-BT10G (Bluetooth)**  
SRP-275, SRP-500



**IFC-S TYPE (RS-232C)**  
SRP-275, SRP-500

**IFC-P TYPE (IEEE-1284)**  
SRP-275, SRP-500

**IFC-U TYPE (USB)**  
SRP-275, SRP-500

**IFC-E TYPE (Ethernet)**  
SRP-275, SRP-500



**IFA-PW TYPE (Powered USB)**  
SRP-350, SRP-270, SRP-370/372

## Options & Accessories



**SMPS Built-in Cover**  
**RSB-350** :  
SRP-350, SRP-350plus/352plus



**Wall Mount**  
**RWM-350** :  
SRP-350, SRP-350plus/352plus, SRP-275  
**RWM-370** : SRP-370/372



**Splash Cover**  
**RSC-350plus** : SRP-350plus/352plus  
**RSC-350** : SRP-350  
**RSC-370** : SRP-370/372  
**RSC-275** : SRP-275



**Buzzer**  
**RBC-100** : SRP-270, SRP-500



**Ribbon Cartridge**  
**RRC-201B (Black)**  
**RRC-201BR (Black & Red)**  
SRP-270, SRP-275



**Ink Cartridge**  
**RIC-500B/R/C/G**  
SRP-500  
HP Inkjet Cartridge (C6602x)

## Thermal Printer Mechanisms

	3 inch Thermal Printer Mechanisms		2 inch Thermal Printer Mechanisms	
	SMP660C	SMP600	SMP670	SMP650
<b>PRINT</b>	PRINTING METHOD Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
	PRINTING SPEED 200mm/sec (at DC 24V)	73mm/sec (at DC 24V)	90mm/sec (at DC 8.5V)	70mm/sec (at DC 8.5V)
	PRINTING WIDTH 72mm (640 dots)	72mm (512 dots)	48mm (384 dots)	48mm (384 dots)
	RESOLUTION 203dpi (8 dot/mm)	180dpi (7 dot/mm)	203dpi (8 dot/mm)	203dpi (8 dot/mm)
<b>PAPER</b>	WIDTH 79.5 ± 0.5 mm	79.5 ± 0.5 mm	57.5 ± 0.5 mm	57.5 ± 0.5 mm
	SUPPLY METHOD Easy Paper Loading	Auto Paper Loading	Easy Paper Loading	Easy Paper Loading
<b>RELIABILITY</b>	PRINTER HEAD 100km, 1 X 10 <sup>6</sup> pulses	100km, 1 X 10 <sup>6</sup> pulses	50km, 1 X 10 <sup>6</sup> pulses	50km, 1 X 10 <sup>6</sup> pulses
	AUTO CUTTER 1,000,000 cuts	1,000,000 cuts (option)		
<b>POWER SUPPLY</b>	DRIVE DC 24V ± 7%	DC 24V ± 10%	DC 4.5V-8.5V	DC 3.6V-7.2V
	LOGIC DC 5V ± 5%	DC 5V ± 5%	DC 2.75V-5.25V	DC 5V ± 5%
<b>DOT SIZE (W X H mm)</b>	0.125 X 0.125	0.141 X 0.141	0.125 X 0.125	0.125 X 0.125
<b>CHARACTER SIZE (W X H dots)</b>	Font A: 12 X 24 Font B: 9 X 24 Korean: 24 X 24	Font A: 12 X 24 Font B: 9 X 24 Korean : 24 X 24	Font A: 12 X 24 Font B: 9 X 24	Font A: 12 X 24 Font B: 9 X 24
<b>CHARACTERS PER LINE</b>	Font A: 53 Font B: 71 Korean: 26	Font A: 42 Font B: 56 Korean : 21	Font A: 32 Font B: 42	Font A: 32 Font B: 42
<b>LINE PITCH</b>	3.75 mm (30 dots)	4.23 mm (30 dots)	3.75 mm (30 dots)	3.75 mm (30 dots)
<b>OPERATION TEMP.</b>	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C
<b>WEIGHT (g)</b>	367	206	62	40
<b>DIMENSIONS (W X L X H mm)</b>	Without Cutter: 110.4 X 51.2 X 22.4 With Cutter: 110.4 X 69.1 X 39.3	110.1 X 69.7 X 43	D/T: 69.5 X 20.1 X 31.5 H/T: 69.5 X 33.3 X 16.0	68.8 X 32.5 X 15.5

## Thermal Printer Mechanisms

	2 inch Thermal Printer Mechanisms			
	SMP640	SMP620	SMP610A	SMP610
<b>PRINT</b>	PRINTING METHOD Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
	PRINTING SPEED 70mm/sec (at DC 8.5V)	65mm/sec (at DC 8.5V)	60mm/sec (at DC 7.2V)	60mm/sec (at DC 8.5V)
	PRINTING WIDTH 48mm (384 dots)	48mm (384 dots)	48mm (384 dots)	48mm (384 dots)
	RESOLUTION 203dpi (8 dot/mm)	203dpi (8 dot/mm)	203dpi (8 dot/mm)	203dpi (8 dot/mm)
<b>PAPER</b>	WIDTH 57.5 ± 0.5 mm	57.5 ± 0.5 mm	57.5 ± 0.5 mm	57.5 ± 0.5 mm
	SUPPLY METHOD Easy Paper Loading	Easy Paper Loading	Auto Paper Loading	Auto Paper Loading
<b>RELIABILITY</b>	PRINTER HEAD 50km, 1 X 10 <sup>6</sup> pulses	50km, 5 X 10 <sup>6</sup> pulses	50km, 1 X 10 <sup>6</sup> pulses	50km, 5 X 10 <sup>6</sup> pulses
	AUTO CUTTER		500,000 cuts	
<b>POWER SUPPLY</b>	DRIVE DC 3.6V-7.2V	DC 5.0V-8.5V	DC 3.6V-7.2V	DC 5.0V-8.5V (±7%)
	LOGIC DC 5V ± 5%	DC 5V ± 5%	DC 5V ± 5%	DC 5V ± 5%
<b>DOT SIZE (W X H mm)</b>	0.125 X 0.125	0.125 X 0.125	0.125 X 0.125	0.125 X 0.125
<b>CHARACTER SIZE (W X H dots)</b>	Font A: 12 X 24 Font B: 9 X 24	Font A: 12 X 24 Font B: 9 X 24	Font A: 12 X 24 Font B: 9 X 24	Font A: 12 X 24 Font B: 9 X 24
<b>CHARACTERS PER LINE</b>	Font A: 32 Font B: 42	Font A: 32 Font B: 42	Font A: 32 Font B: 42	Font A: 32 Font B: 42
<b>LINE PITCH</b>	3.75 mm (30 dots)	3.75 mm (30 dots)	3.75 mm (30 dots)	3.75 mm (30 dots)
<b>OPERATION TEMP.</b>	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C
<b>WEIGHT (g)</b>	38	56	70	54
<b>DIMENSIONS (W X L X H mm)</b>	66.7 X 30.3 X 30.6	72.5 X 39.5 X 16.0	73.8 X 42.0 X 20.0	80.5 X 34.5 X 17.5

## Thermal Panel Printer

	Panel Printer
	SPP-100
<b>PRINT</b>	PRINTING METHOD Direct thermal
	PRINTING SPEED 70mm/sec
	RESOLUTION 203 dpi (8 dot/mm)
	CHARACTER SIZE Font A: 12 X 24 Font B: 9 X 24 (W X H DOTS) Korean: 24 X 24 Chinese: 24 X 24
	CHARACTERS Font A: 32 Font B: 42
	PER LINE Korean: 16 Chinese: 16
	BARCODES EAN-13, EAN-8, Code 39, Code 93, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E
<b>PAPER</b>	WIDTH 57.5 mm ± 0.5 mm
	PAPER ROLL DIAMETER Max Ø 40.0mm
	SUPPLY METHOD Easy Paper Loading
<b>RELIABILITY</b>	PRINTER UNIT 30,000,000 Lines
	TPH 50 Km
<b>INTERFACE</b>	RS-232C, USB
<b>EMULATION</b>	ESC / POS
<b>SENSOR</b>	Paper End Sensor
<b>LANGUAGE</b>	Buyer Language Supported
<b>WEIGHT</b>	283g (Printer+Battery+Paper roll)
<b>DIMENSIONS (W X L X H mm)</b>	80 X 74.8 X 45
<b>OPERATING TEMP.</b>	5 ~ 40°C
<b>POWER SUPPLY</b>	Voltage: DC 5.0-8.5V / Current : 2.4A

## Impact Printer Mechanisms

	Fanfold Type Impact Printer Mechanisms		
	SMP150	SMP136	SMP130
<b>PRINT</b>	PRINTING METHOD 9-pin, Serial Impact Dot	9-pin, Serial Impact Dot	9-pin, Serial Impact Dot
	PRINTING SPEED 4.3 LPS (2.3 inch), 4.5LPS (2.1 inch)	4.5 LPS	4.0 LPS
	PRINTING DIRECTION Bi-Direction	Bi-Direction	Bi-Direction
	PRINTING WIDTH 57.5mm (2.26inch)	53.4mm (2.1inch)	53.4mm(2.1inch)
<b>RESOLUTION</b>	HORIZONTAL 86dpi (3.4 dot/mm)	86dpi (3.4 dot/mm)	86dpi (3.4 dot/mm)
	VERTICAL 144dpi (5.7dot/mm)	144dpi (5.7dot/mm)	72dpi (2.8dot/mm)
<b>PAPER</b>	MEDIA Fanfold	Fanfold	Fanfold
	WIDTH 76.2 ± 0.7mm	76.2 ± 0.7mm	76.2 ± 0.7mm
	THICKNESS 1 Sheet: 0.05 ~ 0.095mm, Total 0.25-0.35mm	1 Sheet: 0.05 ~ 0.095mm, Total 0.25-0.35mm	1 Sheet: 0.05 ~ 0.095mm, Total 0.25-0.35mm
<b>RELIABILITY</b>	MECHANISM 5 Million Lines	5 Million Lines	5 Million Lines
	HEAD 150 Million dots/wire	150 Million dots/wire	150 Million dots/wire
<b>POWER SUPPLY</b>	DRIVE DC 24V ± 10%	DC 24V ± 10%	DC 24V ± 10%
	LOGIC DC 5V ± 5%	DC 5V ± 5%	DC 5V ± 5%
<b>CHARACTER SIZE (W X H dots)</b>	Font A: 7 X 9 Font B: 9 X 9 Korean : 15 X 9 Chinese : 16 X 16	Font A: 7 X 9, Font B: 9 X 9 Korean: 15 X 9 Chinese: 16 X 16	Font A: 7 X 9, Font B: 9 X 9 Korean : 15 X 9
<b>CHARACTERS PER LINE</b>	Font A/B 43(2.3inch), 40(2.1inch) / 35(2.3inch), 32(2.1inch)	Font A: 40 Font B: 32	Font A: 40 Font B: 32
<b>PER LINE</b>	KOREAN/CHINESE 23(2.3inch), 21(2.1inch) / 21(2.3inch), 20(2.1inch)	Korean: 21 Chinese: 20	Korean: 21
<b>OPERATION TEMP.</b>	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C
<b>WEIGHT (g)</b>	335	345	410
<b>DIMENSIONS (W X L X H mm)</b>	103.3 X 90.5 X 35	113.5 X 107.8 X 35.8	114.9 X 107.8 X 35.8
<b>OPTION</b>	BLACK MARK SENSOR Applicable	Applicable	Applicable

## Impact Printer Mechanisms

	Friction Type Impact Printer Mechanisms
	SMP2000II /SMP2000IIA
<b>PRINT</b>	PRINTING METHOD 9-pin, Serial Impact Dot
	PRINTING SPEED 4.5 LPS (2.5 inch), 6.2 LPS (1.8inch)
	PRINTING DIRECTION Bi-Direction
	PRINTING WIDTH 63.5mm (2.5inch), 45.3mm (1.8inch)
<b>RESOLUTION</b>	HORIZONTAL 84dpi (3.3 dot/mm)
	VERTICAL 144dpi (5.7dot/mm)
<b>PAPER</b>	MEDIA Roll Paper
	WIDTH 57.5 ± 0.5mm, 76.2 ± 0.7mm
	THICKNESS 1 Sheet: 0.06 ~ 0.085mm, Total 0.2mm
<b>RELIABILITY</b>	MECHANISM 10 Million Lines
	HEAD 300 Million dots/wire
	AUTO CUTTER 1,000,000 cuts(SMP2000IIA)
<b>POWER SUPPLY</b>	DRIVE DC 24V ± 10%
	LOGIC DC 5V ± 5%
<b>CHARACTER SIZE (W X H dots)</b>	Font A: 7 X 9, Font B: 9 X 9 Korean: 15 X 9, Chinese: 16 X 16
<b>CHARACTERS PER LINE</b>	Font A / B 42 (2.5inch), 30 (1.8inch) / 35 (2.5inch), 25 (1.8inch)
<b>PER LINE</b>	KOREAN / CHINESE 24 (2.5inch), 17 (1.8inch) / 23 (2.5inch), 16 (1.8inch)
<b>OPERATION TEMP.</b>	0 ~ 50°C
<b>WEIGHT (g)</b>	SMP2000II: 435g / SMP2000IIA: 746g
<b>DIMENSIONS (W X L X H mm)</b>	SMP2000II: 127.8 x 100.3 x 53 / SMP2000IIA: 128.8 x 100.3 x 72.8
<b>OPTION</b>	BLACK MARK SENSOR Applicable