

**NEW  
PRODUCT****IP54 (with Protective Case)  
3 Inch Rugged Mobile Printer**

# SPP-R300

*The SPP-R300 addresses the needs of versatile mobile printing, providing users the best quality. This 3 inch mobile receipt printer supports simple label printing using label paper and black mark paper. The print speed is up to 100mm/sec and patented AUTO BALANCER enhances printing quality on the low temperature. Various interface connection including Wireless LAN, Bluetooth, Serial and USB offer flexibility for users under various printing environments. The SPP-R300 utilizes long lasting lithium ion battery with 2,600mAh capacity and black mark sensor. Integrated toggle type Magnetic Stripe Reader<sup>Patented</sup> allows credit cards to be processed immediately at the point of transaction. The SPP-R300 is especially suitable for outdoor usage; compact and lightweight size, damage-resistance to multiple drops of up to 1.5meter(5feet), enhanced water resistance with IP42 and IP54(with protective case) certification and many valuable accessories. With all these smart features, the SPP-R300 provides the best mobile printing solution to you.*

**HIGHLIGHTS**

- Improved Printing Quality
  - Fast speed up to 100mm/sec
  - AUTO BALANCER <sup>patented</sup>
- Long lasting Lithium-ion battery (7.4V, 2,600mAh)
- Various Interface Communication
  - Wireless LAN(802.11b/g), Bluetooth(V2.0 +EDR), USB(Rev. 1.1 Full-Speed), Serial(RS-232C)
- Rugged Design
  - Damaged resistance up to 1.5m(5feet)
  - Rubber over molding
  - IP42 certified printer body
  - IP54 certified(with Protective case)
- Portable Device for Outdoor Usage
  - Belt Strap, Shoulder Strap, Protective Case, Vehicle Holder(Planning)
- User Friendly Software Tool
  - NV image tool, VMSM (Virtual Memory Switch Manager)
  - Drivers and SDKs

**APPLICATIONS**

- Mobile POS/Retail
  - Invoices
  - Transaction receipts (Bank slip etc)
  - Retail queue busting
  - Coupons
- Delivery
  - DSD(Direct Store Delivery)
  - Logistics
  - Parcel/Postage
- Field service
  - Service estimates
  - Service receipts
- Transportation
  - Ticketing
  - Payment receipts
  - Baggage handling



SPP-R300M (MSR)

Black

## PRODUCT FEATURES

### 3 Inch mobile receipt printer - supports basic label printing

The SPP-R300 supports simple label printing using label paper and black mark paper. Just using Feed button or VMSM(Virtual Memory Switch Manager) from receipt mode to label mode.



No hardware change needed!

### Fast print speed up to 100mm/sec

The SPP-R300 prints texts and graphics at a consistent speed of 100mm/sec without sacrificing performance. Optimized mechanical components (polycarbonate) and rich featured software enable fast and stable printing. In addition, extensive CPU and high capacity memory reduce data processing time and facilitate printing various barcodes and fonts.

- CPU : ARM926EJ - 200MHz
- ROM : 4 Mbyte (Flash)
- RAM : 8 Mbyte (SDRAM)
- Buffer : 128 Kbyte
- NV image : 256 Kbyte

### Ideal design for mobile applications

The SPP-R300 is suitable for various mobile applications. Compact size(110 x 162 x 58.3 mm) and light weight(698g, including paper and battery pack) are easy to carry. Additionally, portable device accessories enhance user convenience for harsh outdoor environment.



Handheld size

Portable Accessories



Vehicle Holder(Planning)



Belt strap



Shoulder strap

### Enhanced printing quality with AUTO BALANCER<sup>®</sup>Patented

Patented AUTO BALANCER upgrades printing performance by preventing blurred printing in low temperature environments.

### Long lasting lithium-ion battery (7.4V, 2,600mAh)

The SPP-R300 utilizes a long-life lithium ion battery with 2,600 capacity, which can help users outdoor usage for long periods of time

## SPECIFICATIONS

<b>PRINT</b>	PRINTING METHOD	Direct thermal
	PRINTING SPEED	100mm/sec(3.94 inch/sec)
	RESOLUTION	203 dpi (8 dot/mm)
	CHARACTER SIZE	Font A: 12 X 24 Font B: 9 X 24 Font C: 9 X 17
	CHARACTERS PER LINE	Font A: 48 Font B: 64
	CHARACTER SET	Alphanumeric Character: 95 Extended Character: 128 X 30 page International Character: 33
	BARCODES	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E 2D: PDF417, Data Matrix, Maxi, QR Code
	SENSORS	Paper End sensor, Rear Black Mark sensor, Paper Cover Open Switch
	LANGUAGE	User language supported
	<b>SOFTWARE</b>	DRIVER
SDK		Windows SDK, Symbian SDK, Android SDK, iOS SDK
EMULATION		BXL/POS
<b>PAPER</b>	PAPER TYPE	Thermal paper
	WIDTH	79.5 ± 0.5 mm (3.13" ± 0.2")
	DIAMETER	Max. ø50 mm (1.97")
	THICKNESS	0.07 ± 0.003 mm
	PAPER SUPPLY MODE	Easy paper loading
<b>RELIABILITY</b>	MCBF	13,300,000 line
	TPH	50 km
	BATTERY	Rechargeable up to 500 times
	DROP RESISTANCE	1.5m(5 feet)
<b>COMMUNICATIONS</b>	INTERFACE	Wireless LAN(802.11 b/g), Bluetooth(Class2 V2.0 + EDR), Serial(RS-232C), USB(Rev. 1.1 Full-Speed)
<b>BATTERY</b>	TYPE	Lithium-ion
	OUTPUT	7.4 V, 2,600 mAh
	CHARGING TIME	3 hours
<b>BATTERY CHARGER</b>	INPUT	100-250 VAC, 50/60 Hz
	OUTPUT	8.4 VDC, 0.8 A
<b>OPERATING CONDITION</b>	TEMPERATURE	-15-50°C (5-122°F)
	HUMIDITY	10-90%
<b>DIMENSIONS</b>	W * L * H	110 mm x 162 mm x 58.3 mm(4.33" x 6.38" x 2.30")
<b>WEIGHT</b>	STANDARD	Printer : 463g (1.02lbs) Printer + Battery : 565g (1.25lbs) Printer + Battery + Paper : 698g (1.54lbs)
<b>ACCESSORIES</b>	BASIC PACKAGE	Battery, Battery charger, Belt strap
	OPTIONAL	Battery, Protective case, Shoulder strap, Vehicle Holder(Planning), Cigarette lighter jack charger, Cleaning pen, Interface cable, Quad charger

**BIXOLON<sup>®</sup>** www.bixolon.com

This publication contains product descriptions without obligation. All features and specifications are subject to change without notice. November 2012

#### BIXOLON Headquarters

Address 7-8th FL, Miraasset Venture Tower, 685, Sanyong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-300, KOREA  
Tel +82 (0) 31 218 5500 Fax +82 (0) 31 218 5589  
E-mail sales@bixolon.com

#### BIXOLON America Inc.

Address 3171 Fujita St. Torrance, CA 90505  
Tel +1 858 764 4580 Fax +1 310 257 6869  
E-mail sales@bixolonusa.com

#### BIXOLON Europe GmbH

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