

SPP-R310

3 inch Mobile Printer



Slim and Specialized



Mobile device compatible

- Wireless and wire connectivity options including Bluetooth, WiFi, USB and Serial.
- Embedded NFC tag enabling simple Auto-Bluetooth pairing.
- Compatible with all major operating systems including Android™, iOS™ and Windows®.
- Apple® MFi certified model (Auto-switchable from iOS mode to standard Bluetooth mode).
- Optional magstripe card reader.



Field optimized

- Compact, robust, 385g light-weight printer.
- 1.8 m / 6 ft. drop rate (1.2 m / 4 ft. drop rate for MSR model).
- IP43 (printer only) / IP54 (with protective case) water and dust proof.
- Accompanied by a wide range of carrying and charging accessories.
- Supporting continuous printing - 10 rolls 50 mm diameter paper (total 230 m) once fully charged.
- 24-hour stand-by time once fully charged (Bluetooth model in power save mode).



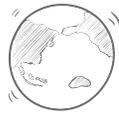
Powerful printing technology

- Print speeds up to 100 mm/sec (receipt)
- Designed for the dual purpose receipt and label printing (easy to switch through feed button).
- Optional linerless label printing.
- 80 mm media width.

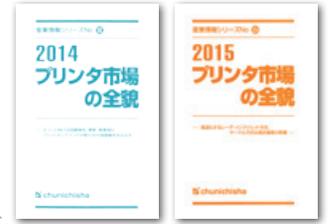
BIXOLON®
a Better Solution for your Business™

SPP-R310

3 inch Mobile Printer



The World's No.1
mobile printer manufacturer



Reported by Chunichisha

Specifications

Printer Specifications

Print Method

Direct Thermal

Print Speed

Up to 100 mm/sec (Receipt)
Up to 80 mm/sec (Linerless)
12.5% pattern

Print Resolution

203 dpi

Print Width

Up to 72 mm

Sensor

Paper End: Reflective sensor
Paper Cover Open: Mechanical switch

Media Characteristics

Media Type

Receipt and Label, Linerless (optional)

Media Width

80 mm

Media Roll Diameter

Up to 50 mm

Media Thickness

0.07 ± 0.005 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (WxLxD)

105.0 x 126.0 x 58.0 mm
(4.14 x 4.97 x 2.29 inch)

Weight

Including battery: 385 g (0.85 lbs.)
Including MSR: 405 g (0.9 lbs.)
Paper : 133 g (0.29 lbs.)

Battery

7.4V Li-ion, 2,600 mAh, Rechargeable
Charging time: Up to 4.0 hrs

Performance Characteristics

Memory

64 Mbit SDRAM, 32 Mbit FlashROM

Interface Options

USB V1.1 FS
Serial
Bluetooth V3.0 + EDR
WLAN 802.11b/g/n
(Infrastructure, Ad-hoc, Wi-Fi Direct)
- WEP40/104, WPA1/2(PSK, EAP)

Environment Characteristics

Temperature

Operating: -15 ~ 50°C (5 ~ 122°F)
Storage: -30 ~ 70°C (-22 ~ 158°F)

Humidity

Operating: 10 ~ 80% RH

Sealing

IP43 (IP54 with protective case)

Drop Rate

1.8 m (6 ft.) / 1.2 m (4 ft.) for MSR model

Software

Emulation

BXL / POS

Driver

Windows Driver, OPOS Driver, JPOS Driver,
Linux CUPS Driver

SDK

iOS SDK, Android SDK, Windows SDK

Fonts / Graphics / Symbologies

Character Size

Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24
KOR, CHN: 24 x 24

Characters Per Line

Font A: 48 Font B, C: 64
KOR, CHN: 24

Character Sets

Alphanumeric: 95
Expanded Graphics: 128 x 33 page
International: 32

Graphics

Supporting user-defined fonts, graphics, formats,
layouts, and logos

Barcode Symbologies

1D: Codabar, Code 39, Code 93, Code 128, EAN-8,
EAN-13, ITF, UPC-A, UPC-E
2D: Data Matrix, MaxiCode, PDF417, QR code

Accessories

Standard

Belt Strap, Battery Pack, Battery Charger,
Power Cord, Paper

Optional

Case, Protective Case, Shoulder Strap,
Single Battery Cradle, Quad Battery Charger,
Vehicle Charger, Serial/USB Cable, Cleaning Pen

Integrated Card Reader (optional)

MSR

3 Track, DUKPT (optional),
T-DES Certified (optional)



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