

SPP-R410

4 inch Mobile Printer



Compact and Rugged



Easy, Seamless Connectivity

- Compatible with all major operating systems including Android™, iOS® and Windows®
- Dual-band WLAN (5GHz and 2.4 GHz)
- Dual-mode Bluetooth V4.1 Classic (MFi AP2 certified) and LE
- Easy Bluetooth pairing via NFC
- Smart Wi-Fi setting via mobile devices
- SoftAP enables direct connection to mobile devices

Enhanced Optimization for Field Service

- Compact, ergonomic and light-weight (530g)
- 1.8 m / 6 ft. drop rate
- IP54 (Printer only) water and dust proof
- 56-hour stand by time once fully charged (Bluetooth model in power save mode)
- Supports continuous printing - 6 rolls of 57 mm diameter paper (Total 162 m) once fully charged
- Supports a wide range of carrying and charging accessories

Multi-Purpose Design

- Fast printing speed up to 90 mm/sec (Receipt)
- Supports black mark reflective sensor and transmissive gap sensor (Optional Positioning)
- Easily switch from receipt to label printing using feed button or VMSM software (No hardware change needed)
- Supports linerless label printing (optional)

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Specifications

Printer Specifications

Print Method

Direct Thermal

Print Speed

Up to 90 mm/sec (Receipt)
Up to 60 mm/sec (Linerless)
12.5% pattern

Print Resolution

203 dpi

Print Width

Up to 104 mm

Sensor

Paper End
Paper Cover Open
Black Mark (Optional positioning)
Gap (Optional)

Media Characteristics

Media Type

Receipt, Label, Linerless (Optional)

Media Width

112 mm / 105 mm (Optional)

Media Roll Diameter

Up to 57 mm

Media Thickness

0.07 ± 0.005 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (WxLxD)

143.0 x 138 x 66 mm
(5.63 x 5.44 x 2.60 inch)

Weight

Including battery: 530 g (1.17lbs)
Paper : 242 g (0.53 lbs)

Battery

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

Performance Characteristics

Memory

64 Mbit SDRAM, 32 Mbit FlashROM

Interface Options

Standard: USB V2.0 FS + Serial
Optional: USB V2.0 FS + Serial + Bluetooth V4.1
(Classic + LE) / WLAN 802.11a/b/g/n
(Infrastructure, Ad-hoc, Wi-Fi Direct,
SoftAP) - 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

IP54

Drop Rate

1.8 m (6 ft.)

Software**Emulation**

BXL / POS

Driver / Utility

Windows Driver, OPOS/JPOS Driver,
Linux CUPS Driver, Utility Program

SDK

iOS SDK, Android SDK, Windows SDK, Linux SDK

Fonts / Graphics / Symbologies

Character Size

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

Characters Per Line

Font A: 69 Font B, C: 92
KOR, CHN, JPN: 34

Character Sets

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

Graphics

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

Barcode

1D: Codabar, Code 39, Code 93, Code 128,
EAN-8, EAN-13, ITF, UPC-A, UPC-E
2D: Aztec, Data Matrix, GS1 Databar, MaxiCode,
PDF417, QR code

Accessories

Standard

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

Optional

Belt Strap, Shoulder Strap, Single Battery Cradle,
Quad Battery Charger, Cigarette Lighter Charger,
Serial/USB Cable, Cleaning Pen



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BIXOLON®

BIXOLON Co.,Ltd.
+82 (0) 31 218 5500
sales@bixolon.com

BIXOLON America Inc.
+1 858 764 4580
sales@bixolonusa.com

BIXOLON Europe GmbH
+49 211 68 78 54 0
sales@bixolon.de

www.Bixolon.com

