

# SPP-R410

## 4 inch Mobile Printer



Field Service



Ticketing



Customer service



Food Deliveries



Retail

# 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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## 4 inch Mobile Printer



Reported by  
Chunichisha



### 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 (WxDxH)**

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

**Weight**

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

**Electrical**

7.3 V Li-ion, 2600 mAh,  
Rechargeable Charging time: Up to 4.0 hrs  
EnergyStar Certified

#### Performance Characteristics

**Memory**

8 MB SDRAM, 4 MB Flash

**Interface**

Standard: USB V2.0 FS + Serial  
Optional: USB V2.0 FS + Serial + Bluetooth<sup>1</sup> /  
WLAN<sup>2</sup>

Bluetooth<sup>1</sup>: V4.1 Classic & LE

WLAN<sup>2</sup>: 802.11a/b/g/n (Infrastructure, Ad-hoc,  
Wi-Fi Direct, SoftAP) - WEP40/104,  
WPA1/2(PSK, EAP)

\* Easy Bluetooth Pairing™ via NFC

#### 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 / Mac CUPS Driver, Utility Program

**SDK / Plugin**

Android / iOS / Windows SDK, Linux SDK,  
Xamarin SDK, Chrome SDK, Cordova Plugin

**Application**

mPrint App (iOS), mPrint Server (Windows, iOS)

**MDM**

BIXOLON Profile Manager  
- XPM™, XCM™ (Windows, Android)

#### 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  
Optional Unicode supported (UTF-8, UTF-16LE,  
UTF-16BE)

**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: Aztec, Data Matrix, GS1 Databar, MaxiCode,  
PDF417, QR code

#### Accessories

**Standard Accessories**

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

**Optional Accessories**

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

#### Supplies

B-linerless™: BIXOLON's flexible and ecological  
linerless label consumables