

# 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 Wireless Lan (5GHz and 2.4 GHz)
- Dual-mode Bluetooth® 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 (530 g)
- 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 VMSSM software (No hardware change needed)
- Supports linerless label printing (optional)

# SPP-R410

## 4 inch Mobile Printer

9x **No.1** MOBILE RECEIPT PRINTER MANUFACTURER



Reported by  
Chunichisha

## Specifications

### Printer Specifications

#### Print Method

Direct Thermal

#### Print Speed

Up to 90 mm/sec (Receipt)  
Up to 60 mm/sec (Linerless)

#### 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, Liner, 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 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, 2850 mAh (Nominal),  
Rechargeable Charging time: Up to 4 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 / WLAN

WLAN: 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,  
Network Auto Installer

#### SDK / Plugin

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

#### Application

mPrint App (Android, iOS)

### 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

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

#### Optional

Belt Strap, Shoulder Strap, Single Battery Cradle,  
Quad Battery Charger, Vehicle Charger,  
Serial/USB Cable, RAM Mount Vehicle Holder,  
Case

### Supplies

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



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