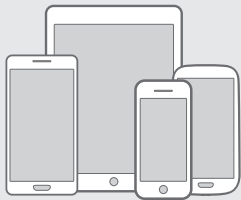


# SPP-R310

## 3 inch Mobile Printer



# Compact and Ergonomic



Compatible with



Made for iPod iPhone iPad



### Smaller and Lighter Design

- Easy to grip: 30% lighter and 26% slimmer than SPP-R300
- One touch cover open and easy paper loading



SPP-R300

SPP-R310

Made for iPod iPhone iPad



### Mobile Field-Work Optimization

- Wireless and wired connectivity options including Bluetooth, WiFi, USB and Serial
- Supporting Easy Bluetooth Pairing™ via embedded NFC tag enabling auto pairing
- Dual-band WLAN (5GHz and 2.4 GHz)
- Dual-mode Bluetooth V4.1 Classic (MFi AP2 certified) and LE
- IP54 (Printer only) water and dust proof
- 1.8 m / 6 ft. drop rate
- Long-lasting battery life (24-hour stand by time)



### Built for Multi-Purpose

- Fast printing speed up to 100 mm/sec (Receipt)
- Designed for the receipt and label printing (Simple to switch via the feed button)
- Optional linerless label printing (80 mm/sec at 203dpi)
- Supports black mark reflective sensor and transmissive gap sensor (Optional Positioning)

# SPP-R310

## 3 inch Mobile Printer

6x  
**N°1** MOBILE  
RECEIPT  
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

Paper Cover Open

Black Mark (Optional positioning)

Gap (Optional)

### Media Characteristics

#### Media Type

Receipt, Label and 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 (WxDxH)

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.)

#### 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>

SPP-R310plus:

USB V2.0 FS + Serial + Bluetooth<sup>3</sup> / WLAN<sup>4</sup>

Bluetooth<sup>1</sup>: V3.0 + EDR

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

Bluetooth<sup>3</sup>: V4.1 (Classic + LE)

WLAN<sup>4</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: 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

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, Case, Protective Case, Shoulder Strap,  
Single Battery Cradle, Quad Battery Charger,  
Cigarette Lighter Charger, Vehicle Holder,  
Serial / USB Cable

### Integrated Card Reader (Optional)

#### MSR

3 Track (T-DES / DUKPT (Optional))

### Supplies

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