

# SPP-R310

3 inch Mobile Printer



# Truly Compact



### Smaller and Lighter Design

- Easy to grip, 385 g light-weight design
- One touch cover open and easy paper loading



### Mobile Field-Work Optimization

- Wireless and wired connectivity options including Bluetooth®, Dual-band Wireless Lan (5GHz and 2.4 GHz), USB and Serial
- Supporting Easy Bluetooth Pairing™ via embedded NFC tag enabling auto pairing
- 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 203 dpi)
- Supports Black Mark Reflective Sensor and Transmissive Gap Sensor (Optional Positioning)

# SPP-R310

## 3 inch Mobile Printer

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

2014 プリンタ の 実績	2015 プリンタ の 実績	2016 プリンタ の 実績	2017 プリンタ の 実績	2018 プリンタ の 実績	2019 プリンタ の 実績	2020 プリンタ の 実績	2021 プリンタ の 実績	2022 プリンタ 市場 の 実績
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Reported by  
Chunichisha

## Specifications

### Printer Specifications

#### Print Method

Direct Thermal

#### Print Speed

Up to 100 mm/sec (Receipt)

Up to 80 mm/sec (Linerless)

#### 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, Liner, 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 x 126 x 58 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, 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

SPP-R310plus:

USB V2.0 FS + Serial + Bluetooth / WLAN

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WLAN: 802.11a/b/g/n (Infrastructure, Ad-hoc,  
Wi-Fi Direct, SoftAP)

- WEP40/104, WPA1/2 (PSK, EAP)

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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: 48, Font B, C: 64, KOR, CHN, JPN: 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

Belt Clip, Battery, Battery Charger, Power Cord,

Paper

#### Optional

Belt Strap, Case, Protective Case, Shoulder Strap,

Single Battery Cradle, Quad Battery Charger,

Vehicle Charger, Vehicle Holder,

RAM Mount Vehicle Holder, Serial/USB Cable

### Integrated Card Reader (Optional)

#### MSR

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

### Supplies

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