

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



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

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: 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