English

SPP-R310

3 inch Mobile Printer

Ticketing | Customer service | Food Deliveries | Retail

Compact and Ergonomic

Smaller and Lighter Design

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

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)

BIXOLON®

a Better Solution for your Business™

SPP-R310

3 inch Mobile Printer

6x Nº1 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[1] / WLAN[2]
SPP-R310plus:
USB V2.0 FS + Serial + Bluetooth[3] / WLAN[4]

Bluetooth[1]: V3.0 + EDR
WLAN[2]: 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2 (PSK, EAP)
Bluetooth[3]: V4.1 (Classic + LE)
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

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

NORDELETTRONICA mobile solutions

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