

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 WLAN (5GHz and 2.4 GHz)
- Dual-mode Bluetooth V4.1 Classic (MFi AP2 certified) 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 (530g)
- 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 VMSM software (No hardware change needed)
- Supports linerless label printing (optional)

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Reported by
Chunichisha



Specifications

Printer Specifications

Print Method

Direct Thermal

Print Speed

Up to 90 mm/sec (Receipt)
Up to 60 mm/sec (Linerless)
12.5% pattern

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, Label, 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)

143.0 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, 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 + Bluetooth¹ /
WLAN²

Bluetooth¹: V4.1 Classic & LE

WLAN²: 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, 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 Accessories

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

Optional Accessories

Belt Strap, Shoulder Strap, Single Battery Cradle,
Quad Battery Charger, Cigarette Lighter Charger,
Serial / USB Cable

Supplies

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