# SPP-R310
## 3 inch Mobile Printer

Mobile POS / Retail    Deliveries    Customer Service Center    Ticketing

# Compact and Ergonomic

NFC

**Compatible with**

iOS

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
- Apple® MFi certified model (Auto-switchable from iOS mode to standard Bluetooth mode)
- IP43 (Printer only) / IP54 (with protective case)
- 1.8 m / 6 ft. drop rate
- Long-lasting battery life (24-hour stand by time)

## Built for Multi-Purpose

- Fast printing speed of up to 100 mm/sec (Receipt)
- Designed for the dual purpose receipt and label printing
  (Easy to switch via the feed button)
- Optional linerless label printing
  (80 mm/sec at 203dpi)

# BIXOLON ®
a Better Solution for your Business™

# SPP-R310
## 3 inch Mobile Printer
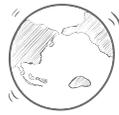
**The World's No.1**
mobile receipt printer manufacturer

## 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: Reflective sensor
Paper Cover Open: Mechanical switch

### Media Characteristics

**Media Type**
Receipt, Label and Linerless (Optional)

**Media Width**
80 mm

**Media Roll Diameter**
Up to 50 mm

**Media Thickness**
$0.07 \pm 0.005$ mm

**Supply Method**
Easy paper loading

### Physical Characteristics

**Dimensions (WxLxD)**
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.)

**Battery**
7.4 V Li-ion, 2,600 mAh, Rechargeable
Charging time: Up to 4.0 hrs

### Performance Characteristics

**Memory**
64 Mbit SDRAM, 32 Mbit FlashROM

**Interface Options**
USB V2.0 FS
Serial
Bluetooth V3.0 + EDR*
WLAN 802.11b/g/n
(Infrastructure, Ad-hoc, Wi-Fi Direct)
- WEP40/104, WPA1/2(PSK, EAP)
* Easy Bluetooth Pairing™ via NFC

### Environment Characteristics

**Temperature**
Operating: -15 ~ 50℃ (5 ~ 122℉)
Storage: -30 ~ 70℃ (-22 ~ 158℉)

**Humidity**
Operating: 10 ~ 80% RH

**Sealing**
IP43 (IP54 with protective case)

**Drop Rate**
1.8 m (6 ft.)

### Software

**Emulation**
BXL / POS

**Drivers**
Windows Driver, OPOS Driver, JPOS Driver,
Linux CUPS Driver

**SDKs**
iOS SDK, Android SDK, Windows SDK

### Fonts / Graphics / Symbologies

**Character Size**
Font A: $12 \times 24$ Font B: $9 \times 17$ Font C: $9 \times 24$
KOR, CHN: 24 x 24

**Characters Per Line**
Font A: 48 Font B, C: 64
KOR, CHN: 24

**Character Sets**
Alphanumeric: 95
Expanded Graphics:$128 \times 33$ page
International: 32

**Graphics**
Supporting user-defined fonts, graphics, formats,
layouts, and logos

**Barcode**
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 Pack, Battery Charger,
Power Cord, Paper

**Optional**
Belt Strap, Case, Protective Case, Shoulder Strap,
Single Battery Cradle, Quad Battery Charger,
Cigarette Lighter Charger, Serial/USB Cable,
Cleaning Pen

### Integrated Card Reader (Optional)

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

Made for
iPod iPhone iPad

**BIXOLON**®