



Mobile POS / Retail



Deliveries



Customer Service Center



Ticketing

# COMPACT YET RUGGED

2 inch Rugged Mobile Printer  
**SPP-R200II**



## HIGHLIGHTS



### Enhanced Convenience

- Compatible with smart devices including iPhone, iPad, and Android
- Place entire device on cradle for an effortless charge
- Versatile connectivity (WLAN, Bluetooth, etc.)
- One touch cover open and simple drop-in paper loading



### Improved Printing Performance

- Linerless label printing (optional)
- Easily switch from receipt to label printing
- Low-temp (-15°C) printing with an integrated temperature sensor
- Faster printing speeds of up to 90 mm/sec (Receipt)
- Enhanced printing of fonts, graphics, and barcode symbologies



### Mobile Field-Work Optimization

- Compact yet rugged design
- Water and dust resistant (IP54 with protective case)
- Long-lasting battery life
- Optional Integrated Card Reader (MSR)



**BIXOLON**<sup>®</sup>  
a Better Solution for your Business<sup>™</sup>

# 2 inch Rugged Mobile Printer SPP-R200II



## SPECIFICATIONS

### Printer Specifications

**Print Method**  
Direct Thermal Line Printing

**Print Speed**  
Up to 90 mm/sec (Receipt)  
Up to 80 mm/sec (Linerless)  
12.5% pattern

**Print Resolution**  
203 dpi

**Print Width**  
Up to 48 mm

**Sensor**  
Paper End: Reflective sensor  
Paper Cover Open: Mechanical switch

### Media Characteristics

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

**Media Width**  
58 mm  
50 mm (optional)

**Media Roll Diameter**  
Up to 40 mm

**Media Thickness**  
0.07 ± 0.003 mm

**Supply Method**  
Easy Paper Loading

### Physical Characteristics

**Dimensions (WxLxD)**  
79.5 x 126.7 x 43.6 mm  
(3.13 x 4.99 x 1.72 inch)

**Weight**  
Including battery: 226 g (0.50 lbs.)  
Including MSR: 236 g (0.52 lbs.)  
Paper: 57 g (0.13 lbs.)

**Battery**  
7.4 V Li-ion, 1,200 mAh, Rechargeable  
Charging time: Up to 2.5 hrs

### Performance Characteristics

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

**Interface**  
USB V1.1 FS  
Serial  
Bluetooth V3.0+EDR  
WLAN 802.11 b/g - WEP40/104, WPA1/2 (PSK, EAP)

### Environment Characteristics

**Temperature**  
Operating: -15 ~ 50°C (5 ~ 122°F)  
Storage: -30 ~ 70°C (-22 ~ 158°F)

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

**Sealing**  
IP54 (with protective case)

**Drop Spec**  
1.5 m (5 ft.)

### Software

**Emulation**  
BXL / POS

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

**SDK**  
iOS SDK, Android SDK, Windows SDK,  
Symbian SDK

### Fonts / Graphics / Symbologies

**Character Size**  
Font A: 12 × 24 Font B: 9 × 17 Font C: 9 × 24  
KOR, CHN: 24 × 24

**Characters Per Line**  
Font A: 32 Font B, C: 42,  
KOR, CHN: 16

**Character Sets**  
Alphanumeric: 95  
Expanded Graphics: 128 × 33 page  
International: 32

**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: Data Matrix, MaxiCode, PDF417, QR code

### Accessories

**Standard**  
Belt Strap, Battery Pack, Battery Charger,  
Power Cord, Paper

**Optional**  
Belt Clip, Case, Protective Case, Shoulder Strap,  
Battery Pack\_V2 (with outer contacts),  
Single Battery Cradle, Single Docking Cradle,  
Quad Battery Charger, Quad Docking Cradle,  
Vehicle Charger, Vehicle Holding Cradle,  
Serial/USB Cable, Cleaning Pen

### Integrated Card Reader (optional)

**MSR**  
3 Track, DUKPT (optional), T-DES Certified (optional)



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iPod iPhone iPad

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