



# SLIM YET RUGGED

2 inch Rugged Mobile Printer  
**SPP-R210**



## HIGHLIGHTS



### Seamless Mobility

- Ideal for using smart devices including iPhone, iPad, and Android
- Versatile connectivity supported (802.11 b/g/n and more)
- 232g(0.51 lbs.) light weight, 20% slimmer and 25% smaller than SPP-R200II



### Field-work Optimization

- IP54 rated rugged design (with protective case)
- 1.2 m drop resistant
- Optional integrated card reader (MSR or MSR+SCR)
- Long-lasting battery life



### Outstanding Performance

- Fast printing speed of up to 90 mm/sec (receipt)
- Linerless label printing (optional)
- Low-temp (-15°C) printing



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

## 2 inch Rugged Mobile Printer

# SPP-R210



## 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 48 mm

**Sensor**

Paper End: Reflective sensor  
Paper Cover Open: Two mechanical switches

### Media Characteristics

**Media Type**

Receipt, Linerless (optional)

**Media Width**

58 mm

**Media Roll Diameter**

Up to 30 mm

**Media Thickness**

0.07 ± 0.003 mm

**Supply Method**

Easy Paper Loading

### Physical Characteristics

**Dimensions (WxLxD)**

79.0 x 116.0 x 36.5 mm  
(3.11 x 4.57 x 1.44 inch)

**Weight**

Including MSR+battery: 232 g (0.51 lbs.)  
Paper : 34 g (0.07 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 V2.0 FS  
Bluetooth V3.0+EDR  
WLAN 802.11 b/g/n (WiFi Direct)  
- 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**

1.2 m (4 ft.)

### Software

**Emulation**

BXL / POS

**Driver**

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

**SDK**

iOS SDK, Android SDK, Windows SDK

### Fonts / Graphics / Symbologies

**Character Size**

Font A: 12 × 24 Font B: 9 × 17 Font C: 9 × 24

**Characters Per Line**

Font A: 32 Font B, C: 42

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

### Accessories

**Standard**

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

**Optional**

Belt Strap, Battery Pack\_V2 (with outer contacts),  
Single Battery Cradle, Quad Battery Charger,  
Wall Mount (for Quad Battery Charger),  
Vehicle Charger, USB Cable, Cleaning Pen

### Integrated Card Reader (optional)

**MSR**

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

**SCR**

EMV Level 1 certified, ISO7816, EMV2000 compliant,  
SAM 2 slots

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