

# SPP-R210

2 inch Mobile Printer



Ticketing



Customer  
service



Food  
Deliveries



Retail

## The Industry's Smallest and Lightest



### 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 up to 90 mm/sec (Receipt)
- Linerless label printing (Optional)
- Low-temp (-15°C) printing



**BIXOLON®**  
a Better Solution for your Business™

# SPP-R210

## 2 inch Mobile Printer

6x  
**Nº1** MOBILE  
RECEIPT  
PRINTER  
MANUFACTURER



Reported by  
Chunichisha

## Specifications

### Print 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  
Paper Cover Open

### Media Characteristics

#### Media Type

Receipt, Linerless (Optional)

#### Media Width

58 mm

#### Media Roll Diameter

Up to 30 mm

#### Media Thickness

0.07 ± 0.005 mm

#### Supply Method

Easy Paper Loading

### Physical Characteristics

#### Dimensions (WxDxH)

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.)

#### Electrical

7.4 V Li-ion, 1200 mAh,  
Rechargeable Charging time: Up to 2.5 hrs

### Performance Characteristics

#### Memory

8 MB SDRAM, 4 MB Flash

#### Interface

Standard: USB V2.0 FS

Optional: USB V2.0 FS + Bluetooth<sup>1</sup> / WLAN<sup>2</sup>

Bluetooth<sup>1</sup>: V3.0 + EDR

WLAN<sup>2</sup>: 802.11b/g/n (Infrastructure, Ad-hoc,  
Wi-Fi 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 Rate

1.2 m (4 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

#### Browser / App

mPrint App (iOS)

### Fonts / Graphics / Symbolologies

#### Character Size

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

#### Characters Per Line

Font A: 32 Font B, C: 42

KOR, CHN, JPN: 16

#### 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 Symbolologies

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 Accessories

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

#### Optional Accessories

Belt Strap, Battery Pack\_V2 (with outer contacts),  
Single Battery Cradle, Single Docking Cradle,  
Quad Battery Charger, Quad Docking Cradle,  
Wall Mount (for Quad Battery Charger), Cigarette  
Lighter Charger, Vehicle Holder, USB Cable

### Integrated Card Reader (Optional)

#### MSR

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