

# SPP-R210

2 inch Mobile Printer



# 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



# SPP-R210

## 2 inch Mobile Printer



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: 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 ± 0.005 mm

**Supply Method**  
Easy Paper Loading

#### Physical Characteristics

**Dimensions (W x L x D)**  
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 Options**  
Standard: USB V2.0 FS  
Optional: USB V2.0 FS + Bluetooth V3.0+EDR /  
WLAN 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**  
Windows Driver, OPOS Driver, JPOS Driver,  
Linux CUPS Driver

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

#### Fonts / Graphics / Symbologies

**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

**Character Sets**  
Alphanumeric: 95  
Expanded Graphics: 128 x 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

