

# SPP-R200III

## 2 inch Mobile Printer



# A True Companion for Mobile Solutions



### Mobile Device Compatible

- Wireless and wire connectivity options including Bluetooth, WiFi, USB and Serial
- Supporting Easy Bluetooth Pairing™ via embedded NFC tag enabling auto pairing
- Compatible with all major operating systems including Android™, iOS™ and Windows®
- Apple® MFi certified model (Auto-switchable from iOS mode to standard Bluetooth mode)
- Optional magstripe card reader



### Enhanced Optimization for Field Service

- Compact, robust, 228g light-weight printer
- 2.1 m / 7 ft. drop rate (1.5 m / 5 ft. drop rate for MSR model)
- IP43 (Printer only) / IP54 (with protective case)
- water and dust proof
- Accompanied by a wide range of carrying and charging accessories
- Supporting continuous printing - 10 rolls 40 mm diameter paper (Total 145 m) once fully charged
- 24-hour stand-by time once fully charged (Bluetooth model in power save mode)



### Seamless Printing Technology

- Print speeds up to 100 mm/sec (Receipt): 11% faster than previous model
- Designed for the dual purpose receipt and label printing (Easy to switch through feed button)
- Optional linerless label printing
- 58mm or 50mm (Optional) media width

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## 2 inch Mobile Printer



Reported by Chunichisha

### 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 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 ± 0.005 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: 228 g (0.50 lbs.)  
Including MSR: 238 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 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)

#### Environment Characteristics

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

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

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

**Drop Rate**  
2.1 m (7 ft.) / 1.5 m (5 ft.) for MSR model

#### 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  
KOR, CHN, JPN: 24 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

**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, 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, Battery Pack\_V2 (with outer contacts),  
Single Battery Cradle, Single Docking Cradle,  
Quad Battery Charger, Quad Docking Cradle,  
Cigarette Lighter Charger, Vehicle Holder,  
Serial/USB Cable, Cleaning Pen

#### Integrated Card Reader (Optional)

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



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