

# SPP-R200III

2-inch Mobile Receipt Printer



## Print Characteristics

### Print Method

Direct Thermal

### Print Speed

Up to 100 mm/sec (Receipt)

Up to 80 mm/sec (Linerless)

### Print Resolution

203 dpi

### Print Width

Up to 48 mm

### Sensor

Paper End, Cover Open

## Media Characteristics

### Media Type

Standard: Receipt, Liner

Optional: Linerless

### Media Width

Standard: 58 mm

Optional: Partition 50 mm

### Media Roll Diameter

Up to 40 mm

### Media Thickness

0.07 ± 0.005 mm

## Physical Characteristics

### Dimensions (W x L x H)

79.5 x 124.5 x 44.1 mm

(3.13 x 4.90 x 1.74 inch)

### Weight

Including Battery: 228 g (0.50 lbs.)

Including MSR: 238 g (0.52 lbs.)

### Power (Nominal Capacity)

EnergyStar® Certified, External AC/DC  
Battery Charger, USB Type-C® Charging  
Support (SPP-R200IIIU)-----  
SPP-R200III:Battery (7.4 V Li-ion,  
1200 mAh, Under 2.5 Hours Charging Time)

SPP-R200IIIU:

Battery (7.4 V Li-ion,  
1200 mAh, Under 3 Hours Charging Time)

## Performance Characteristics

### Memory

8 MB SDRAM, 4 MB Flash

### Interface

SPP-R200III

Standard: USB 2.0 FS + Serial

Optional:

Ⓞ USB 2.0 FS + Serial + Bluetooth®

Ⓞ USB 2.0 FS + Serial + WLAN

SPP-R200IIIU

Standard: USB 2.0 FS

Optional:

Ⓞ USB 2.0 FS + Bluetooth®

Ⓞ USB 2.0 FS + WLAN

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WLAN: 802.11a/b/g/n (Infrastructure,  
Ad-hoc, Wi-Fi Direct, SoftAP) - WEP40/104,  
WPA1/2 (PSK, EAP)-----  
Easy Bluetooth Pairing™ via NFC

### Port

SPP-R200III: Power, Serial/USB 14P

SPP-R200IIIU: USB Type-C

## Environment Characteristics

### Temperature

Operating: -15 to 50°C (5 to 122°F)

Storage: -30 to 70°C (-22 to 158°F)

### Humidity

Operating: 10 to 90% 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/Utility

Windows® Driver, OPOS/JPOS Driver,  
Linux®/macOS® CUPS Driver, Utility Program,  
Network Auto Installer

### Developer Tools

Android™/iOS®/Windows SDK,  
Linux SDK, Xamarin® SDK,  
Web Print SDK (Android/iOS/Windows/macOS),  
Cordova™ Plugin, MAUI SDK, Flutter™ Plugin,  
React Native® SDK

### Design & Print

mPrint App (Android/iOS)

## Fonts/Graphics/Symbologies

### Character Size

Font A: 12 × 24 Font B: 9 × 17

Font C: 9 × 24, KOR, CHN, JPN: 24 × 24

### Characters Per Line

Font A: 32

Font B, C: 42, KOR, CHN, JPN: 16

### Character Sets

Alphanumeric: 95

Expanded Graphics: 128 × 33 Page

International: 32

Optional Unicode Supported  
(UTF-8, UTF-16LE, UTF-16BE)

### Barcode Symbologies

1D: Codabar, Code 39, Code 93,  
Code 128, EAN-8, EAN-13, ITF,  
UPC-A, UPC-E2D: Aztec, Data Matrix, GS1 Databar,  
MaxiCode, PDF417, QR Code

## Accessories/Supplies

### Included in the Box

Belt Clip, Battery, AC/DC Battery Charger,  
Power Cord, Paper

SPP-R200IIIU: Belt Clip, Battery, Paper

### Options & Accessories

Belt/Shoulder Strap, Soft/Protective Case,  
Battery, USB Charger,  
AC/DC PD Adapter (SPP-R200IIIU)

Power Cord,

Single/Quad Battery Charger,

Single/Quad Docking Cradle,

Vehicle Charger, Vehicle Holder,

Serial Cable (D-Sub 9P(M)-14P,1 m),

USB Cable (A-14P,1 m),

USB Cable,

(A-C, 1 m / C-C 1 m) (SPP-R200IIIU),

Protective Jacket, Battery Clip

### Compatible Supplies

B-linerless™

## Integrated Card Reader (Optional)

### MSR

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