

# SPP-R310

3-inch Mobile Receipt Printer



## Spec Sheet

### 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 72 mm

#### Sensor

Paper End, Paper Cover Open,  
Black Mark (Optional positioning),  
Gap (Optional)

### Media Characteristics

#### Media Type

Receipt, Liner, Linerless (Optional)

#### Media Width

80 mm

#### Media Roll Diameter

Up to 50 mm

#### Media Thickness

0.07 ± 0.005 mm

#### Supply Method

Easy Paper Loading

### Physical Characteristics

#### Dimensions (W x L x H)

105 x 126 x 58 mm (4.14 x 4.97 x 2.29 inch)

#### Weight

Including battery: 385 g (0.85 lbs.)

Including MSR: 405 g (0.9 lbs.)

Paper: 133 g (0.29 lbs.)

#### Electrical

7.2 V Li-ion, 3200 mAh,

Rechargeable Charging time: Up to 4 hrs

EnergyStar® Certified, External AC/DC

Battery Charger 100-240 VAC, 50/60 Hz

### Performance Characteristics

#### Memory

8 MB SDRAM, 4 MB Flash

#### Interface

Standard: USB 2.0 FS + Serial

Optional: USB 2.0 FS + Serial + Bluetooth® or  
WLAN

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

-----  
Easy Bluetooth Pairing™ via NFC

### 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 80% RH

#### Sealing

IP54

#### Drop Rate

1.8 m (6 ft.)

### Software

#### Emulation

BXL/POS™

#### Driver/Utility

Windows® Driver, OPOS/JPOS Driver,

Linux/Mac® CUPS Driver, Utility Program,

Network Auto Installer

#### Developer Tools

Android™/iOS®/Windows SDK, Linux SDK,

Xamarin SDK, Web Print SDK, 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: 48

Font B, C: 64, KOR, CHN, JPN: 24

#### 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-E

2D: 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

#### Options & Accessories

Belt Strap, Case, Protective Case,

Shoulder Strap, Single Battery Cradle,

Quad Battery Charger, Vehicle Charger,

Vehicle Holder, USB Charger,

RAM Mount Vehicle Holder,

Serial/USB Cable

#### Compatible Supplies

B-linerless™

### Integrated Card Reader (Optional)

#### MSR

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