

# SPP-R410

4-inch Mobile Receipt Printer



## Spec Sheet

### Print Characteristics

#### Print Method

Direct Thermal

#### Print Speed

Up to 90 mm/sec (Receipt)

Up to 60 mm/sec (Linerless)

#### Print Resolution

203 dpi

#### Print Width

Up to 104 mm

#### Sensor

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

### Media Characteristics

#### Media Type

Receipt, Liner, Linerless (Optional)

#### Media Width

112 mm / 105 mm (Optional)

#### Media Roll Diameter

Up to 57 mm

#### Media Thickness

0.07 ± 0.005 mm

#### Supply Method

Easy Paper Loading

### Environment Characteristics

#### Temperature

Operating: -15 ~ 50°C (5 ~ 122°F)

Storage: -30 ~ 70°C (-22 ~ 158°F)

#### Humidity

Operating: 10 ~ 80% RH

#### Sealing

IP54

#### Drop Rate

1.8 m (6 ft.)

### 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

### Physical Characteristics

#### Dimensions (WxLxH)

143 x 138 x 66 mm (5.63 x 5.44 x 2.60 inch)

#### Weight

Including battery: 530 g (1.17 lbs.)

Paper: 242 g (0.53 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

### Accessories / Supplies

#### Included in the Box

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

#### Options & Accessories

Belt Strap, Shoulder Strap,  
Single Battery Cradle, Quad Battery Charger,  
Vehicle Charger, USB Charger, Serial/USB  
Cable, RAM Mount Vehicle Holder, Case

#### Compatible Supplies

B-linerless™

### 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 / Symbolologies

#### Character Size

Font A: 12 × 24 Font B: 9 × 17

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

#### Characters Per Line

Font A: 69

Font B, C: 92, KOR, CHN, JPN: 34

#### Character Sets

Alphanumeric: 95

Expanded Graphics: 128 × 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, GS1 Databar,  
MaxiCode, PDF417, QR code