

SPP-R310

3-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 72 mm

SensorPaper 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/UtilityWindows® 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: 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-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**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))