

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

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®/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-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))