

SPP-R210

2-inch Mobile Receipt Printer



Spec Sheet

Print Characteristics

Print Method

Direct Thermal

Print Speed

Up to 100 mm/sec (Receipt)

Up to 60 mm/sec (Linerless)

Print Resolution

203 dpi

Print Width

Up to 48 mm

Sensor

Paper End, Paper Cover Open

Media Characteristics

Media Type

Receipt, Linerless (Optional)

Media Width

58 mm

Media Roll Diameter

Up to 30 mm

Media Thickness

0.07 ± 0.005 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (W x L x H)

79 x 116 x 36.5 mm (3.11 x 4.57 x 1.44 inch)

Weight

Including MSR + battery: 232 g (0.51 lbs.)

Electrical

7.4 V Li-ion, 1200mAh (Nominal 1200mAh),
Rechargeable Charging time: Up to 2.5 hrs,
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

Optional: USB 2.0 FS + Bluetooth®

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 (with protective case)

Drop Rate

2.1 m (7 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, 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-E

2D: Aztec, Data Matrix, MaxiCode, PDF417,
QR code

Accessories/Supplies

Included in the Box

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

Options & Accessories

Belt Strap, Battery Pack_V2
(with outer contacts), Single Battery
Cradle, Single Docking Cradle,
Quad Battery Charger, Quad Docking
Cradle, Wall Mount (for Quad Battery
Charger), Vehicle Charger, Vehicle Holder,
USB Charger, USB Cable, Case,
Protective Case

Integrated Card Reader (Optional)

MSR

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