SPEC SHEET

SPP-R220

2-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 48 mm
Sensor
Paper End, Paper Cover Open,
Black Mark (Optional positioning),
Gap (Optional)

Media Characteristics

Media Type
Receipt, Liner, Linerless (Optional)
Media Width
58 mm
Media Roll Diameter
Up to 40 mm
Media Thickness
0.07 ± 0.005 mm
Supply Method
Easy Paper Loading

Physical Characteristics

Dimensions (W x L x H)
79.6 x 114.2 x 44.3 mm (3.13 x 4.5 x 1.74 inch)
Weight
Including battery: 215g (0.47lbs)
Including MSR + battery: 224g (0.49lbs)
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®/WLAN

Bluetooth: V5.2 (Classic/LE)
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
2.1 m (7 ft.)/1.5 m (5 ft.) for MSR model

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, 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: 24x24
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
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 Pack,
AC/DC Battery Charger, Power Cord
Options & Accessories
Belt Strap, Case, Shoulder Strap,
Battery Pack_V2 (with outer contacts),
Single Battery Cradle, Single Docking Cradle, Quad Battery Charger,
Quad Docking Cradle, Vehicle Charger,
Vehicle Holder, USB Charger, USB Cable
Compatible Supplies
B-linerless™

Integrated Card Reader (Optional)

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

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