

SPP-R410

4-inch Mobile Receipt Printer



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

Standard: Paper End, Cover Open

Optional: Black Mark/Gap

Media Characteristics

Media Type

Standard: Receipt, Liner

Optional: Linerless

Media Width

Standard: 112 mm

Optional: Partition 105 mm

Media Roll Diameter

Up to 57 mm

Media Thickness

0.07 ± 0.005 mm

Physical Characteristics

Dimensions (W x L x H)

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.)

Power (Nominal Capacity)

EnergyStar® Certified,

External AC/DC Battery Charger

Battery

(7.2 V Li-ion, 3200 mAh, Under 4 Hours

Charing Time)

Performance Characteristics

Memory

8 MB SDRAM, 4 MB Flash

Interface

Standard: USB 2.0 FS + Serial

Optional:

① USB 2.0 FS + Serial + Bluetooth®

② USB 2.0 FS + Serial + 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

Port

Power, Serial/USB 14P

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 90% 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: 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)

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/Shoulder Strap, Soft Case,

USB Charger, Single Battery Cradle,

Quad Battery Charger,

Vehicle Charger,

RAM Mount Vehicle Holder,

Vehicle Holder,

Serial Cable (D-Sub 9P(M)-14P,1m),

USB Cable (A-14P,1m)

Compatible Supplies

B-linerless™