



# ROBUST AND POWERFUL

## 4 inch Rugged Mobile Printer **SPP-R400**



### HIGHLIGHTS



#### Enhanced Convenience

- Compatible with smart devices including iPhone, iPad, and Android
- Place entire device on cradle for an effortless charge
- Versatile connectivity (WLAN, Bluetooth, etc.)
- One touch cover open and simple drop-in paper loading



#### Mobile Field-Work Optimization

- Handy yet robust design
- Water and dust resistant (IP54 with protective case)
- Long-lasting battery life
- Optional Integrated Card Reader (MSR)



#### Improved Printing Performance

- Linerless label printing (optional)
- Easily switch from receipt to label printing
- Low-temp (-15°C) printing with an integrated temperature sensor
- Faster printing speeds of up to 80 mm/sec (Receipt)
- Enhanced printing of fonts, graphics, and barcode symbologies



**BIXOLON**<sup>®</sup>  
a Better Solution for your Business<sup>™</sup>

## 4 inch Rugged Mobile Printer

# SPP-R400



## SPECIFICATIONS

### Printer Specifications

**Print Method**

Direct Thermal Line Printing

**Print Speed**

Up to 80 mm/sec (Receipt)  
Up to 50 mm/sec (Linerless)  
12.5% pattern

**Print Resolution**

203 dpi

**Print Width**

Up to 104 mm

**Sensor**

Paper End: Reflective sensor  
Paper Cover Open: Mechanical switch

### Media Characteristics

**Media Type**

Receipt and Label, Linerless (optional)

**Media Width**

112 mm  
105 mm (optional)

**Media Roll Diameter**

Up to 57 mm

**Media Thickness**

0.07 ± 0.003 mm

**Supply Method**

Easy Paper Loading

### Physical Characteristics

**Dimensions (WxLxD)**

147.0 x 171.4 x 66.7 mm  
(5.79 x 6.75 x 2.63 inch)

**Weight**

Including battery: 697 g (1.54 lbs.)  
Including MSR: 712 g (1.57 lbs.)  
Paper : 242g (0.53 lbs.)

**Battery**

7.4 V Li-ion, 2,600 mAh, Rechargeable  
Charging time: Up to 4.0 hrs

### Performance Characteristics

**Memory**

64 Mbit SDRAM, 32 Mbit FlashROM

**Interface**

USB V1.1 FS  
Serial  
Bluetooth V3.0+EDR  
WLAN 802.11 b/g - WEP40/104, WPA1/2 (PSK, EAP)

### Environment Characteristics

**Temperature**

Operating: -15 ~ 50°C (5 ~ 122°F)  
Storage: -30 ~ 70°C (-22 ~ 158°F)

**Humidity**

Operating: 10~80% RH

**Sealing**

IP54 (with protective case)

**Drop Spec**

1.5 m (5ft.)

### Software

**Emulation**

BXL / POS

**Driver**

Windows Driver, OPOS Driver, JPOS Driver,  
Linux CUPS Driver

**SDK**

iOS SDK, Android SDK, Windows SDK,  
Symbian SDK

### Fonts/Graphics/Symbologies

**Character Size**

Font A: 12 × 24 Font B: 9 × 17 Font C: 9 × 24  
KOR, CHN: 24 × 24

**Characters Per Line**

Font A: 69 Font B, C: 92,  
KOR, CHN: 34

**Character Sets**

Alphanumeric: 95  
Expanded Graphics: 128 × 33 page  
International: 32

**Graphics**

Supporting user-defined fonts, graphics, formats,  
layouts, and logos

**Barcode Symbologies**

1D: Codabar, Code 39, Code 93, Code 128, EAN-8,  
EAN-13, ITF, UPC-A, UPC-E

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

### Accessories

**Standard**

Belt Strap, Battery Pack, Battery Charger,  
Power Cord, Paper

**Optional**

Shoulder Strap, Single Battery Cradle,  
Quad Battery Charger, Vehicle Charger,  
Serial/USB Cable, Cleaning Pen

### Integrated Card Reader (optional)

**MSR**

3 Track, DUKPT (optional), T-DES Certified (optional)

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