

# SRP-Q300 Series

3 inch mPOS Printer



Retail



Supply Chain Store



Restaurants & Bars



Coffee Shops

## A Simplified mPOS Solution



80,58 mm



BCD-3000



SRP-Q300H



SRP-Q300B



RTS-Q300



53%



220 mm/sec

### mPOS Ready

- Compatible with all major operating systems including Android™, iOS™ and Windows®
- Dual-band WLAN (2.4GHz and 5GHz)
- Bluetooth 5.0 (MFi certified)
- VMSM, NV image tool are supported via Q300 Utility through various connectivity (Bluetooth, WLAN, USB and NFC)
- Easy Bluetooth pairing, Wi-Fi configuration and printer configuration via NFC

### Build Your Own Compact mPOS

- SRP-Q300H supports various USB peripherals, Web & Cloud based printing
- Built-in battery supports the perfect standalone mPOS solutions
- Mini LCD Customer Display enabled by SRP-Q300 series (BCD-3000)
- Robust steel tablet stand safely secures a 10 inch tablet using locking mechanisms and 170° forward-tilting (RTS-Q300)

### Reliable and Convenient

- Cube design optimizes space utilization
- 53% smaller than SRP-350plusIII
- Liquid-Barrier™ creates a complete waterproof and dustproof solution (IP21 certified)
- Well-organized cable management
- Fast printing speed up to 220 mm/sec
- All in one Plus™ Interface (Built in USB V2.0FS + Ethernet) + WLAN/Bluetooth V4.2



# SRP-Q300 Series

## 3 inch mPOS Printer



### Print Characteristics

**Print Method**  
Direct Thermal

**Print Speed**  
SRP-Q300, Q300H, Q300B : Up to 220 mm/sec

**Print Resolution**  
SRP-Q300, Q300H, Q300B: 180dpi  
SRP-Q302, Q302H, Q302B: 203dpi

**Print Width**  
Up to 72mm

**Sensor**  
Paper End, Cover Open

### Media Characteristics

**Media Type**  
Receipt

**Media Width**  
80 mm / Optional 58 mm

**Media Roll Diameter**  
Up to 80 mm

**Media Thickness**  
0.05 ~ 0.08mm

**Supply Method**  
Easy Paper Loading

### Physical Characteristics

**Dimensions (W x D x H)**  
SRP-Q300: 128 x 125 x 125 mm  
(5.03 x 4.92 x 4.92 inch)  
SRP-Q300H: 128 x 125 x 160.2 mm  
(5.03 x 4.92 x 6.30 inch)  
SRP-Q300B: 128 x 125 x 169.2 mm  
(5.03 x 4.92 x 6.66 inch)

**Weight**  
SRP-Q300: 1.23 kg (2.71 lbs.)  
SRP-Q300H: 1.38kg (3.04 lbs.)  
SRP-Q300B: 1.72kg (3.79 lbs.)

**Electrical**  
EnergyStar Certified,  
External Power Adaptor 100-240V AV, 50/60Hz,  
24 V Li-ion, 2850 mAh (Nominal),  
Rechargeable Charging time: Up to 4.0 hrs  
(SRP-Q300B Only)

**Drawer Port**  
2 ports (Via y-type adaptor)

**Battery**  
24 V Li-ion, 2,750 mAh,  
Rechargeable Charging time:  
Up to 4.0 hrs (SRP-Q300B Only)

### Performance Characteristics

**NV Image Memory**  
768 Kbytes (Mono)

**Receive Buffer**  
4 Kbytes

**User Define Buffer**  
12 Kbytes

**Interface**

- SRP-Q300 / Q300B  
Standard: USB V2.0 FS + Ethernet +  
1 USB only Charging port  
Optional: ① Standard + WLAN<sup>1</sup>  
② Standard + Bluetooth<sup>2</sup>
- SRP-Q300H  
4 USB Host ports(V2.0 HS) + 1 Device port  
(V2.0 HS) + 1 USB only Charging port +  
Ethernet + Bluetooth<sup>2</sup> / WLAN<sup>3</sup>

Bluetooth: V5.0 (MFi certified)  
WLAN<sup>1</sup>: 802.11a/b/g/n (Infrastructure,  
Ad-hoc, Wi-Fi Direct, SoftAP)  
- WEP40/104, WPA1/2 (PSK, EAP)  
WLAN<sup>2</sup>: 802.11a/ac/b/g/n USB dongle type  
(Optional)

### Environment Characteristics

**Temperature**  
Operating: 0 ~ 40°C (32 ~ 104°F)  
Storage: -20 ~ 60°C (-4 ~ 140°F)

**Humidity**  
Operating: 10 ~ 80% RH  
Storage: 10 ~ 90% RH

### Reliability

**Thermal Print Head (TPH)**  
150 km

**Auto Cutter**  
1.5 Million Cuts

### Software

**Emulation**  
BXL / POS

**Driver / Utility**  
Windows Driver, OPOS / JPOS Driver, Linux / Mac CUPS Driver,  
Virtual COM USB / Ethernet Driver, Utility Program  
SRP-Q300H only: Utility Program

**SDK / Plugin**  
Android / iOS / Windows SDK, Linux SDK, Xamarin SDK,  
Chrome SDK, Cordova Plugin  
SRP-Q300H: B-gate iOS / Android / Windows SDK,  
Chrome SDK, B-gate SDK\_Cloud Server Print,  
B-gate SDK\_Web App Print

**Application**  
mPrint Server (Windows, iOS)

**MDM**  
BIXOLON Profile Manager - XPM™, XCM™ (Windows, Android)

### Fonts / Graphics / Symbologies

**Character Size**  
Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24  
KOR, CHN, JPN: 24 x 24

**Characters Per Line**  
SRP-Q300, Q300H, Q300B: Font A: 42 Font B, C: 56,  
KOR, CHN, JPN: 21  
SRP-Q302, Q302H, Q302B: Font A: 48 Font B, C: 64,  
KOR, CHN, JPN: 24

**Character Sets**  
Alphanumeric: 95  
Extended Graphics: 128 x 35 page  
International: 32  
Unicode : UTF-8, UTF-16, UTF-32

**Graphics**  
Supporting user-defined fonts, graphics,  
formats and logos

**Barcode Symbologies**  
1D: Coda Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF,  
UPC-A, UPC-E  
2D: Data Matrix, GS1-128, GS1 DataBar Stacked /  
Omnidirectional / Truncated / Limited / Expanded, PDF417,  
QR code

### Accessories

**Optional**  
Tablet stand (RTS-Q300), Mini LCD Display(BCD-3000)  
External buzzer, B-Melodist, USB A-B Cable 1.8m,  
Powered A-B USB Y Cable(1.2/4.8m),  
USB to Serial cable, WLAN Dongle

### Comparison Table

	SRP-Q300	SRP-Q300B	SRP-Q300H
<b>Description</b>	mPOS Printer	Q300 Built in Battery	B-gate mPOS Hub with Q300
<b>Speed</b>		Up to 220mm/sec	
<b>Dimension</b>	128 x 125 x 125 mm (5.03 x 4.92 x 4.92 inch)	128 x 125 x 169.2 mm (5.03 x 4.92 x 6.66 inch)	128 x 125 x 160.2 mm (5.03 x 4.92 x 6.30 inch)
<b>Weight</b>	1.23 kg (2.71 lbs.)	1.72kg (3.79 lbs.)	1.38kg (3.04lbs)
<b>Interface</b>	Standard: USB V2.0 FS + Ethernet + 1 USB only Charging port Optional: ① Standard + WLAN* ② Standard + Bluetooth V4.2 (Classic / LE)** * WLAN: 802.11a/b/g/n(2.4G+5G) ** Bluetooth: Class 1, MFi certified		4 USB Host ports(V2.0 HS) + 1 Device port(V2.0 HS) + 1 USB only Charging port + Ethernet + Bluetooth V4.2 (Classic / LE)** / WLAN*** *** WLAN: 802.11a/ac/b/g/n(2.4G+5G) USB dongle type(Optional)
<b>NFC</b>	Supported		
<b>Unicode</b>	Supported		
<b>BCD-3000</b>	Supported		