

# SRP-Q300 Series

3 inch mPOS Printer



Retail



Supply  
Chain  
Store



Restaurants &  
Bars



Coffee  
Shops

## A Simplified mPOS Solution



### mPOS Ready

- Compatible with all major operating systems including Android™, iOS™ and Windows®
- Dual-band WLAN (5GHz and 2.4 GHz)
- Dual-mode Bluetooth V4.2 Classic (MFi AP2 certified) and LE
- 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



**BIXOLON®**  
a Better Solution for your Business™

# 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>

WLAN<sup>1</sup>: 802.11a/b/g/n (2.4G + 5G)

Bluetooth<sup>2</sup>: V4.2 Classic / LE, Class 1,  
MFi certified

WLAN<sup>3</sup>: 802.11a/ac/b/g/n (2.4G + 5G)  
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 / Symbolologies

#### 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 Symbolologies

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,  
USB to Serial cable, WLAN Dongle

### Comparison Table

	SRP-Q300	SRP-Q300B	SRP-Q300H
Description	mPOS Printer	Q300 Built in Battery	B-gate mPOS Hub with Q300
Speed		Up to 220mm/sec	
Dimension	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)
Weight	1.23 kg (2.71 lbs.)	1.72kg (3.79 lbs.)	1.38kg (3.04lbs)
Interface	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)
NFC			
Unicode	Supported		
BCD-3000			

BR\_SRP-Q300 Series\_EN\_FEB20\_V1

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