

# 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



# 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 only: • B-gate iOS / Android / Windows SDK

• Chrome SDK

#### Browser / App

• Web App Printing (SRP-Q300H only)

• Windows mPrint Browser (All)

### 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 Accessories

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
<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 BCD-3000</b>	Supported		

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