

SRP-Q300 Series

3-inch mPOS Printer



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



BCD-3000



SRP-Q300H



RTS-Q300

Build Your Own mPOS

- SRP-Q300H supports various USB peripherals, Web & Cloud based printing
- Mini LCD Customer Display enabled by Q300 and Q300H
- Robust steel tablet stand safely secures a 10 inch tablet using locking mechanisms and 170° forward-tilting



53%



220 mm/sec

Compact and Convenient

- Cube design optimizes space utilization
- 53% smaller than SRP-350plusIII
- Liquid-Barrier™ creates real 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-QE300: Up to 200 mm/sec

SRP-Q300, Q300H: Up to 220 mm/sec

Print Resolution

SRP-QE300, Q300, Q300H: 180dpi

SRP-QE302, Q302, Q302H: 203dpi

Print Width

Up to 72mm

Sensor

Paper End, Cover Open

Media Characteristics

Media Type

Receipt

Media Width

80 mm

Media Roll Diameter

Up to 80 mm

Media Thickness

0.062 ~ 0.075 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (W x L x D)

SRP-Q300, QE300: 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)

Weight

SRP-QE300: 1.13 kg (2.49 lbs.)

SRP-Q300: 1.23 kg (2.71 lbs.)

SRP-Q300H: 1.38kg (3.04lbs)

Power

EnergyStar Certified,

External Power Adaptor 100-240V AV, 50/60Hz

Drawer Port

2 ports (Via y-type adaptor)

Performance Characteristics

NV Image Memory

768 Kbytes (Mono)

Receive Buffer

4 Kbytes

User Define Buffer

12 Kbytes

Interface

· SRP-QE300: USB V2.0 FS + Ethernet

· SRP-Q300

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

· SRP-Q300H

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)

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 Driver, JPOS Driver,
Linux CUPS Driver,
Mac Driver, Virtual COM USB/Ethernet Driver,
Utility Program

SDK

iOS SDK, Android SDK, Windows SDK,
Linux SDK

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-QE300, Q300, Q300H :

Font A: 42 Font B, C: 56, KOR, CHN, JPN: 21

SRP-QE302, Q302, Q302H:

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

(SRP-QE300 is not available)

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

MSR/SCR Module, Tablet stand (RTS-Q300),
Mini LCD Display (BCD-3000)

Comparison Table

	SRP-QE300	SRP-Q300	SRP-Q300H
Description	Economy Ver.	mPOS Printer	B-gate mPOS Hub with Q300
Speed	Up to 200mm/sec	Up to 220mm/sec	
Dimension	128 x 125 x 125 mm (5.03 x 4.92 x 4.92 inch)		128 x 125 x 160.2 mm (5.03 x 4.92 x 6.30 inch)
Weight	1.13 kg (2.49 lbs.)	1.23 kg (2.71 lbs.)	1.38kg (3.04lbs)
Interface	USB V2.0 FS + Ethernet	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	Not supported		Supported
BCD-3000			

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