

SRP-Q300 Series

3-inch mPOS Printer



A Simplified mPOS Solution



BCD-3000



SRP-Q300H

SRP-Q300B

RTS-Q300



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

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: 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(3.04lbs)

SRP-Q300B: 1.72kg(3.79lbs)

Power

EnergyStar Certified,

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

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 + WLAN¹

② Standard + Bluetooth²

· SRP-Q300H

4 USB Host ports(V2.0 HS) + 1 Device port (V2.0 HS) + 1 USB only Charging port + Ethernet + Bluetooth² / WLAN³

WLAN¹: 802.11a/b/g/n(2.4G+5G)

Bluetooth²: V4.2 Classic / LE, Class 1, MFi certified

WLAN³: 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 / Mac CUPS Driver, Mac Driver,
Virtual COM USB/Ethernet Driver, Utility Program

SDK

iOS SDK, Android SDK, Windows SDK, Linux SDK,
Xamarin SDK, Cordova Plugin, Chrome Plugin

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,

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 | Supported | | |
| Unicode | Supported | | |
| BCD-3000 | Supported | | |

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BIXOLON®

BIXOLON Co.,Ltd.
+82 (0) 31 218 5500
sales@bixolon.com

BIXOLON America Inc.
+1 858 764 4580
sales@bixolonusa.com

BIXOLON Europe GmbH
+49 211 68 78 54 0
sales@bixolon.de

www.Bixolon.com

