

SRP-S300 Series

3-inch Linerless Printers



SRP-S300

SRP-S320

Print Characteristics

Print Method

Direct Thermal

Print Speed

SRP-S300L/LX: Up to 170 mm/sec

SRP-S300R: Up to 300 mm/sec

SRP-S320: Up to 150 mm/sec

Print Resolution

203 dpi

Print Width

SRP-S300: Up to 32/48/60/72/80 mm

SRP-S320: Up to 32/48/60/72 mm

Sensor

SRP-S300: Paper End, Black Mark,
Cover Open,
Paper Taken (Option),
Paper Near End (Receipt Only)

SRP-S320: Paper End, Black Mark,
Cover Open, Paper Taken

Media Characteristics

Media Type

SRP-S300L/T: Linerless Restick

SRP-S300LX/TX,

SRP-S320: Linerless Permanent

SRP-S300R: Receipt

Media Width

Standard: 80 mm

SRP-S300: Optional 40/58/62 using 2-inch
Partition, 83 mm by removing 3-inch Partition

SRP-S320: Optional 40/58/62 mm using
2-inch Partition

Media Roll Diameter

SRP-S300: Up to 103 mm

SRP-S320: Up to 120 mm

Media Thickness

0.06 to 0.09 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (W x L x H)

SRP-S300: 156 x 210 x 160 mm
(6.14 x 8.27 x 6.30 inch)

SRP-S320: 156 x 227 x 161 mm
(6.14 x 8.94 x 6.34 inch)

Weight

SRP-S300: 2.00 kg (4.40 lbs.)

SRP-S320: 2.20 kg (4.85 lbs.)

Electrical

EnergyStar® Certified,
External Power Supply Housed Internally
(Adapter 24 V/2.5 A)

Drawer Port

2 Ports (Via Y-Type Adapter)
(SRP-S300 Only)

Performance Characteristics

Memory

128 MB SDRAM, 256 MB Flash

Optional 256 MB SDRAM, 512 MB Flash

NV Image Memory

SRP-S300: 256 Kbytes (Mono)

SRP-S320: 768 Kbytes (Mono)

Receive Buffer

4 Kbytes

User Define Buffer

12 Kbytes

Interface

SRP-S300

Standard: USB 2.0 FS

Optional: Ⓞ USB 2.0 FS + Serial

Ⓞ USB 2.0 FS + Parallel

Ⓞ USB 2.0 FS + Ethernet

Ⓞ USB 2.0 FS + WLAN¹

Ⓞ USB 2.0 FS + Bluetooth[®]

SRP-S300Hi, 320Hi (B-gate Hub Interface):

3 USB Type-A (Host, 2.0 HS) + 1 USB Type-A

(Charging only) + 1 USB Type-B (2.0 HS) +

Ethernet + WLAN²

SRP-S320

Standard: USB 2.0 FS + Ethernet

Optional: Ⓞ USB 2.0 FS + Ethernet + Serial

Ⓞ USB 2.0 FS + Ethernet + WLAN¹

Ⓞ USB 2.0 FS + Ethernet + Bluetooth

WLAN¹: 802.11a/b/g/n (Infrastructure, Ad-hoc,

Wi-Fi Direct, SoftAP) - WEP40/104,

WPA1/2 (PSK, EAP)

WLAN²: 802.11a/ac/b/g/n USB dongle type
(Optional)

Environment Characteristics

Temperature

Operating: 0 to 40°C (32 to 104°F)

Storage: -20 to 60°C (-4 to 140°F)

Humidity

Operating: 10 to 80% RH

Storage: 10 to 90% RH

Sealing

IP21

Software

Emulation

BXL/POS™, SLCS™, BPL-Z™, BPL-C™

Driver/Utility

Windows® Driver, OPOS/JPOS Driver,

Linux®/macOS® CUPS Driver,

Virtual COM USB/Ethernet Driver,

Utility Program, Network Auto Installer

SRP-S300/320Hi: Utility Program

Developer Tools

Android™/iOS®/Windows SDK, Linux SDK,
Xamarin SDK, Web Print SDK
(Android/iOS/Windows/macOS), Cordova
Plugin

SRP-S300,320Hi:

B-gate iOS/Android/Windows SDK, Chrome
SDK, B-gate SDK_Cloud Server Print, B-gate
SDK_Web App Print, MAUI SDK, Flutter™
Plugin, React Native SDK

Design & Print

mPrint App (Android/iOS)

MDM(Optional)

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-S300: Font A: 48, Font B, C: 64,

SRP-S320: Font A: 42, Font B, C: 56,

KOR, CHN, JPN: 21

Character Sets

Alphanumeric: 95

Extended Graphics: 128 x 33 page

International: 32

Barcode Symbologies

1D: Coda Bar, Code 39, Code 93,
Code 128, EAN-8, EAN-13, ITF,
UPC-A, UPC-E

2D: Data Matrix, PDF417, QR code

Accessories/Supplies

Included in the Box

Power Cord, USB A-B Cable 1.8 m,

SRP-S300: 2-inch Partition

(40/58/62 mm),

3-inch Partition (83 mm),

SRP-S320: 2-inch Partition

(40/58/62 mm)

Options & Accessories

Wall Mount (SRP-S300 only),

External Buzzer,

B-Melodist (SRP-S300 only),

Serial Cable (9-9/25-9 pin)

Compatible Supplies

B-linerless™