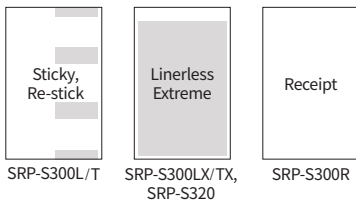


# SRP-S300 Series

3 inch Linerless Printer



# Higher Performance and Lower TCO



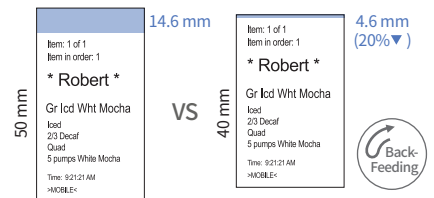
### Multiple Media Choices

- Supports both Linerless Label and Receipt printing
- Various media widths supported
  - SRP-S300: 40 / 58 / 62 / 80 / 83 mm
  - SRP-S320: 40 / 58 / 62 / 80 mm
- Handling large media roll diameter of up to 103 mm (SRP-S300) and 120 mm (SRP-S320)



### Exceptional Technology

- A water-resistant cover protects the main-board from water and moisture (IP21 certified)
- Optional Taken Sensor™: Label will not continue to print until current label is removed to prevent jamming
- Built-in B-Melodist: Alarm for order notification
- Voice error message
- SRP-S300Hi / S320Hi : Connects various USB peripherals, web & cloud based printing



### Anti-jamming Technology

- Special paper path design and an automatic guillotine cutting system
- Equipped with specialised back-feed function (up to 20% of media saved)
- Paper saving mode reduces the length of a label up to 25%
- Optional Taken Sensor™: Label will not continue to print until current label is removed to prevent jamming



# SRP-S300 Series

## 3 inch Linerless Printer

### Specifications

#### 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 80 / 72 / 60 / 48 / 32 mm

SRP-S320: Up to 72 / 60 / 48 / 32 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: Sticky, Re-stick

SRP-S300LX / TX, SRP-S320: Linerless Extreme

SRP-S300R: Receipt

##### Media Width

Standard: 80 mm

SRP-S300 Optional: 40 / 58 / 62 / 83 mm

SRP-S320 Optional: 40 / 58 / 62 mm

##### Media Roll Diameter

SRP-S300: Up to 103 mm

SRP-S320: Up to 120 mm

##### Media Thickness

0.06 ~ 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: 2.20kg (4.85 lbs.)

##### Electrical

Energy Star Certified,  
External Power Supply Housed Internally  
(Adaptor 24V/2.5A)

##### Drawer Port

SRP-S300: 2 Ports (Via y-type adaptor)

SRP-S320: N/A

#### Performance Characteristics

##### NV Image Memory

SRP-S300: 256 Kbytes (Mono)

SRP-S320: 768 Kbytes (Mono)

##### Receive Buffer

4 Kbytes

##### User Define Buffer

12 Kbytes

##### Interface

SRP-300

Standard: USB V2.0 FS

Optional: USB V2.0 FS + Serial / Parallel /  
Ethernet / WLAN<sup>1</sup> / Bluetooth /  
Powered USB

SRP-S320

Standard: USB V2.0 FS + Ethernet

Optional: USB V2.0 FS + Ethernet + Serial /  
WLAN<sup>1</sup> / Bluetooth

SRP-S300Hi/320Hi (B-gate Hub Interface):  
3 USB Host ports (V2.0 HS) + 1 USB charging port  
+ 1 Device port (V2.0 HS) + Ethernet + WLAN<sup>2</sup>

WLAN<sup>1</sup>: 802.11a/b/g/n (Infrastructure, Ad-hoc,  
Wi-Fi Direct, SoftAP) - WEP40/104,  
WPA1/2 (PSK, EAP)

WLAN<sup>2</sup>: 802.11a/ac/b/g/n USB dongle type  
(Optional)

Bluetooth: V5.0 (MFi certified)

#### 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

#### Software

##### Emulation

BXL / POS

##### Driver / Utility

Windows Driver, OPOS / JPOS Driver,

Linux / Mac CUPS Driver,

Virtual COM USB / Ethernet Driver,

Utility Program

SRP-S300 / 320Hi: Utility Program

##### SDK / Plugin

Android / iOS / Windows SDK, Linux SDK,  
Xamarin SDK, Chrome SDK, Cordova Plugin,  
SRP-S300Hi: B-gate iOS / Android / Windows

SDK, Chrome SDK,  
B-gate SDK\_Cloud Server Print,  
B-gate SDK\_Web App Print

#### Software

##### Application

mPrint App (Android, iOS): B-gate Not Supported

mPrint Server (Windows, 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

##### 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, PDF417, QR code

#### Accessories

##### Standard

SRP-S300: 2 inch Partition (62/58/40 mm),  
3 inch Partition (83 mm)

SRP-S320: 2 inch Partition (62/58/40 mm)

##### Optional

External buzzer, B-Melodist (SRP-S300 only),

USB A-B Cable 1.8m, USB to Serial cable,

WLAN Dongle,

Powered USB (0.5/1.2m - SRP-S300 only),

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

#### Supplies

B-linerless