

SRP-F310II

3-inch Thermal POS Printer



Print Characteristics

Print Method

Direct Thermal (Front Exit)

Print Speed

Up to 350 mm/sec

Print Resolution

SRP-F310II: 180 dpi (512 dots)

SRP-F312II: 203 dpi (576 dots)

SRP-F313II: 203 dpi (640 dots)

Print Width

SRP-F310II: Up to 72 mm

SRP-F312II: Up to 72 mm

SRP-F313II: Up to 80 mm

Sensor

Paper End, Paper Near End, Cover Open

Media Characteristics

Media Type

Receipt

Media Width

Standard 80 mm,

Optional 83 mm by removing 3-inch Partition

Media Roll Diameter

Up to 105 mm

Media Thickness

0.05 to 0.08 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (WxLxH)

154 x 203 x 148 mm (6.06 x 7.99 x 5.82 inch)

Weight

2 kg (4.40 lbs.)

Electrical

EnergyStar® Certified,

External Power Supply Housed Internally

(Adapter 24 V/2.5 A, 50/60 Hz)

Drawer Port

2 ports (Via Y-Type Adapter)

Performance Characteristics

NV Image Memory

768 Kbytes (Mono)

Receive Buffer

4 Kbytes

User Define Buffer

12 Kbytes

Interface

Standard: USB 2.0 FS + Ethernet

Optional: ① USB 2.0 FS + Ethernet + Serial

② USB 2.0 FS + Ethernet +

Dual Serial

③ USB 2.0 FS + Ethernet + Parallel

④ USB 2.0 FS + Ethernet + WLAN¹

⑤ USB 2.0 FS + Ethernet +

Bluetooth®

SRP-F310IIHi (B-gate Hub Interface):

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

1 USB Type-B (2.0 HS) + 1 USB Type-A

(Charging only) + Ethernet + WLAN²

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

IP12

Software

Emulation

BXL/POS™

Driver/Utility

Windows® Driver, OPOS/JPOS Driver,

Linux®/macOS® CUPS Driver,

Virtual COM USB/Ethernet Driver,

Utility Program, Network Auto Installer

SRP-F310IIHi: Utility Program

Developer Tools

Android™/iOS®/Windows SDK, Linux SDK

Xamarin SDK,

Web Print SDK (Android/iOS/Windows/macOS),

Cordova Plugin

SRP-F310IIHi: 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-F310II: Font A: 42, Font B, C: 56,
KOR, CHN, JPN: 21

SRP-F312II: Font A: 48, Font B, C: 64,
KOR, CHN, JPN: 24

SRP-F313II: Font A: 53, Font B, C: 71,
KOR, CHN, JPN: 26

Character Sets

Alphanumeric: 95

Extended Graphics: 128 x 35 page

International: 32

Barcode Symbologies

1D: Coda Bar, Code39, Code93,
Code128, EAN-8, EAN-13, ITF,
UPC-A, UPC-E

2D: Data Matrix, PDF417, QR Code

Accessories/Supplies

Included in the Box

Paper, AC/DC Adapter, Power Cord,

USB A-A Cable 1.8 m,

3-inch Partition (83 mm)

Options & Accessories

External Buzzer, B-Melodist,

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

Parallel Cable