

SRP-F310II

3 inch POS Printer



Retail



Healthcare

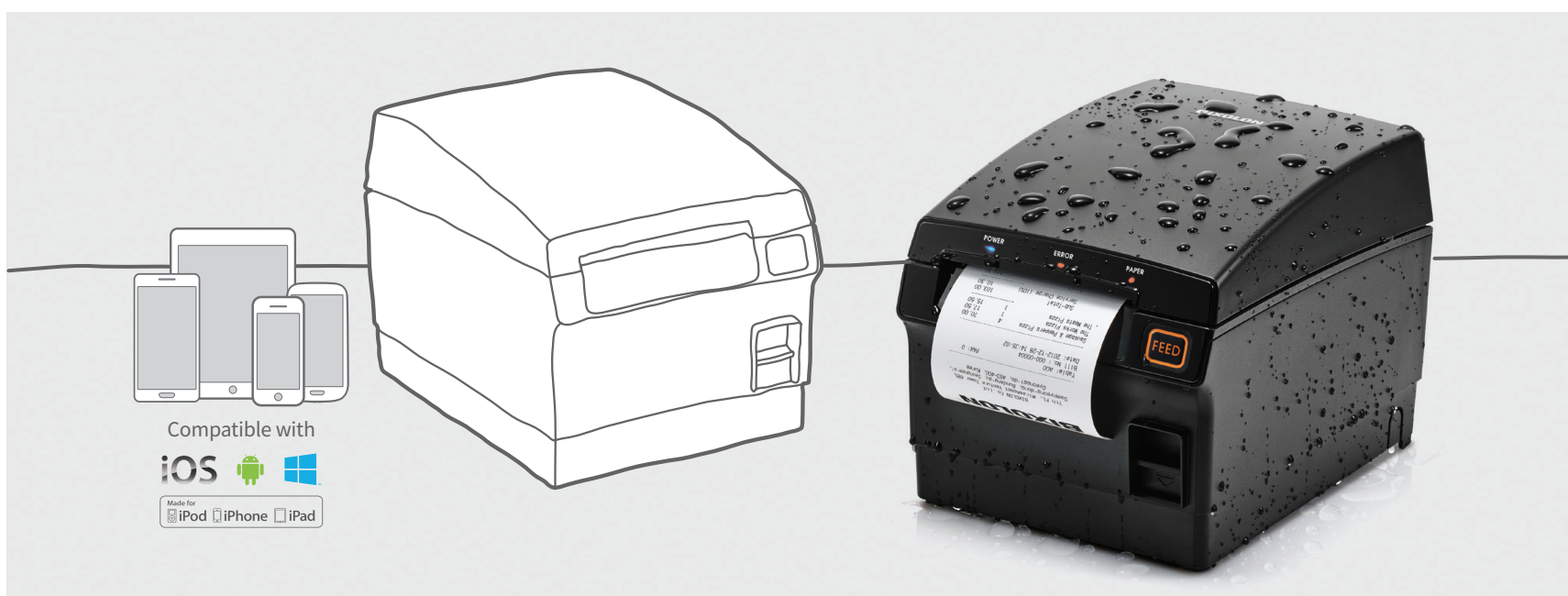


Post & Parcel



Warehouse

Experience a truly Waterproof Solution



Dual layers for water protection



Built-in power supply



Environmental Endurance

- Liquid-Barrier™ creates real waterproof and dustproof solution (IP12 certified)
- Built-in power supply for space saving and water protection

Ensuring Business Continuity

- High reliability of 250 km TPH with its auto cutter guaranteed up to 3 million cuts
- Faster printing speed up to 350 mm/sec (29% faster than SRP-F310)
- All in one Plus™ Interface: Built-in USB V2.0 & Ethernet + Optional Serial, Parallel, Powered USB, Bluetooth or WLAN
- SRP-F310IIIH: Supports various USB peripherals, web & cloud based printing

Low TCO

- Paper save mode supported
- Eco-friendly low power consumption technology adopted
- Energy star certified



BIXOLON®
a Better Solution for your Business™

SRP-F310II

3 inch POS Printer

Specifications

Printer Specifications

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

80 / 83 mm

Media Roll Diameter

Up to 105 mm

Media Thickness

0.05 ~ 0.08mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (W x D x H)

154 x 203 x 148 mm

(6.06 x 7.99 x 5.82 inch)

Weight

2.00 kg (4.40 lbs.)

Electrical

EnergyStar Certified,

External Power Supply Housed Internally

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

Drawer Port

2 ports (Via y-type adaptor)

Performance Characteristics

NV Image Memory

768 Kbytes (Mono)

Receive Buffer

4Kbytes

User Define Buffer

12Kbytes

Interface

Standard: USB V2.0 FS + Ethernet

Optional: USB V2.0 FS + Ethernet + Serial /

Dual Serial / Parallel / WLAN¹ /

Bluetooth² / Powered USB

SRP-F310IIHi (B-gate Hub Interface)

3 USB Host ports(V2.0 HS) + 1 Device port

(V2.0 HS) + 1 USB Host with charging +

Ethernet + 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)

250 km ***

Auto Cutter

3 Million Cuts ***

***** Specified Paper**

- TF50KS-E (Paper thickness: 65µm)

: Nippon Paper industries Co., Ltd.

- PD 150R (Paper thickness: 75µm)

: New Oji Paper Mfg, Co., Ltd

- PD 160R (Paper thickness: 75µm)

: New Oji Paper Mfg, Co., Ltd.

- P350 (Paper thickness: 62µm)

: Kansaki Specialty Paper, Inc. (USA)

Software

Emulation

BXL / POS

Driver / Utility

Windows Driver, OPOS / JPOS Driver,

Linux / Mac CUPS Driver,

Virtual COM USB / Ethernet Driver, Utility Program

SRP-F310IIHi: Utility Program

SDK / Plugin

Android / iOS / Windows SDK, Linux SDK,

Xamarin SDK, Chrome SDK, Cordova Plugin

SRP-F310IIHi only :

B-gate iOS / Android / Windows SDK,

Chrome SDK, B-gate SDK_Cloud Server Print,

B-gate SDK_Web App Print

Application

mPrint App (iOS), mPrint Server (Windows, iOS)

MDM

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

Expanded Graphics: 128 x 35 page

International: 32

Graphics

Supporting User-Defined Fonts, Graphics,

Formats, and Logos

Barcode Symbologies

1D: Coda Bar, Code39, Code93, Code128,

EAN-8, EAN-13, ITF, UPC-A, UPC-E

2D: Data Matrix, PDF417, QR Code

Accessories

Standard

3 inch Partition (83 mm)

Optional

External buzzer, B-Melodist, USB A-B Cable 1.8m,

USB to Serial cable, WLAN Dongle,

Powered USB 0.5m, Powered USB 1.2m