Retail | Healthcare & Pharmacy | Post & Parcel | Warehouse & Storage Handling

FIRST REAL WATERPROOF

3 inch Thermal POS Printer
SRP-F310

HIGHLIGHTS

Water ventilation

Dual layers for water protection

Liquid-Barrier™ front exit printer

The SRP-F310 is a front exit type receipt POS printer adapting structure for preventing liquid infiltration and certified under the electrical protection level, IPX2 Class. Its design components include an exterior cover as well as dual layers on both sides of the printer which discharge liquid preventing it from infiltrating inside. In addition, it is designed with an outlet at the bottom of the printer for liquid that may seep inside through the cover open button.
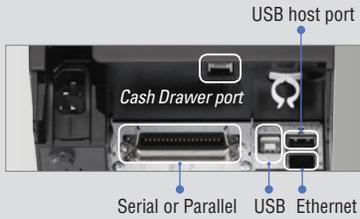
All-in-one

ENERGY STAR

High Glossy

IPX2

BIXOLON®
a Better Solution for your Business™

FEATURES

All in one plus™ interfaces

The SRP-F310 features a powerful interface that goes beyond your imagination of what you are looking for in a receipt POS printer. It includes USB 2.0 On board for fast data transfer and USB host port for the use of WLAN dongle* and Ethernet, which is sold separately at a high price. The four interfaces are provided as a built-in feature. Selectable Interfaces are Serial and Parallel.

USB host port

Cash Drawer port

Serial or Parallel   USB   Ethernet

* WLAN dongle : The SRP-F310 is compatible with WLAN adapters using the Ralink RT73 chipset. WLAN USB adapters using chipsets other than Ralink RT73 won't work when they are connected to the SRP-F310.

Built-in power supply

The power adapter is elegantly integrated into the compact printer housing. Consequently, messing around with cables is avoided which is ideal at space-limited POS terminals or highly frequented cash desks.

Optional BIXOLON Interactive Linker

BIXOLON Interactive Linker is an advanced printer option that allows users to add commands to four customizable buttons. For instance, they can assign such BIXOLON Interactive Linker based programs as "Receipt on Demand", "Cash Drawer Open", "Printing Stop" and "Signal Back to Host" to each button to accommodate their needs.

Optional BIXOLON Interactive Linker

Ergonomic design & High glossy option

BIXOLON SRP-F310 is designed in a pentagon shape with separate angles for the control panel unlike existing front exit type receipt POS printers. This ergonomic design allows users to check the printer status more conveniently and eliminates the need to open a drawer to check the status for those who keep the printer in a drawer. High glossy option is also available and it fits modernly in a place that adapted Tablet PC as their point of sale or order taking solutions.

High-gloss front panel with three LEDs

SPECIFICATIONS

Printer Specifications
Print Method: Direct Thermal (Front Exit)
Print Speed: 270 mm/sec
Print Resolution: SRP-F310: 180 dpi / SRP-F312: 203 dpi
Print Width: SRP-F310: Up to 72 mm / SRP-F312: 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: 0.062 ~ 0.075 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: 2.00 kg (4.40 lbs.)
Power: EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz
Drawer Port: 2 ports (via y-type adaptor)

Performance Characteristics
Memory: 512 Mbits SDRAM, 128Mbit FlashROM
NV Image Memory: 256 Kbytes (mono) / 256 Kbytes (color)
Receive Buffer: 512 Kbytes
User Define Buffer: 12 Kbytes
Interface: Quad Interface
  USB V2.0 HS + Serial + Ethernet + WLAN*
  USB V2.0 HS + Parallel + Ethernet + WLAN*
  * WLAN: 802.11b/g/n USB dongle type (optional)

Environment Characteristics
Temperature: Operating: 0~45℃ (32~113℉) / Storage: -20~60℃ (-4~140℉)
Humidity: Operating: 10~80% RH / Storage 10~90% RH

Reliability
Printer Unit (MCBF): 70 Million Lines
TPH: 150 km
Auto Cutter: 1.8 Million Cuts

Software
Emulation: BXL / POS
Driver / Utility: Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB / Ethernet Driver, Utility Program
SDK: iOS SDK, Android SDK

Fonts / Graphics / Symbologies
Character Size: Font A: 12 × 24 Font B: 9 × 17 Font C: 9 × 24 / KOR, CHN, JPN: 24 x 24
Characters Per Line: SRP-F310: Font A: 42 Font B, C: 56 / KOR, CHN, JPN: 21
  SRP-F312: Font A: 48 Font B, C: 64 / KOR, CHN, JPN: 24
Character Sets: Alphanumeric: 95 / Extended Graphics:128 × 34 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: PDF417, QR Code

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