



# 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.



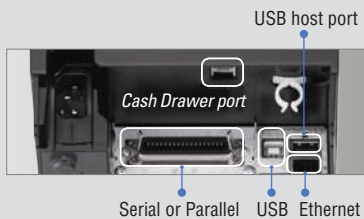
**BIXOLON**<sup>®</sup>  
a Better Solution for your Business™

# 3 inch Thermal POS Printer SRP-F310

## 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.



\* 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.

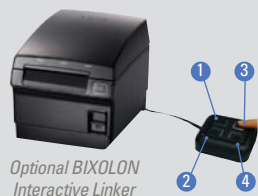
### Built-in power supply

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.



### 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.



## 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°C (32~113°F) / Storage: -20~60°C (-4~140°F)  
**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 x 24 Font B: 9 x 17 Font C: 9 x 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 x 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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