



Retail



Hospitality



Ticketing



Kiosk



## Extreme Performance

# SRP-F310

*SRP-F310 receipt printer is based on the technological power of the SRP-350 series which is widely recognized in the market for its quality and reliability is an environment-friendly future-oriented product.*



Thermal Receipt Printer

### HIGHLIGHTS

- Liquid-Barrier™ front exit printer
  - IPX 2 certified
  - Downpour water resistance
  - Water resistant upto 15 degree from vertical
- All in one plus™ Interfaces
  - Ethernet + USB dongle + USB + Serial or Parallel all in one!
  - Ethernet interface on board standard
  - USB host port on board for WLAN dongles standard
  - High speed (480 Mbps) USB 2.0 on board standard
  - Interchangeable interface card ; Serial or Parallel
- Fastest BIXOLON receipt printer ever- 270mm/second
  - Optimized mechanical components and software to enable fast and stable printing
  - Improved CPU (333 MHz) and Larger memory (256k byte)
- Larger paper roll diameter up to 105mm
  - Reduces paper changes by 50% with support for 105mm rolls
- Optional BIXOLON Interactive Linker
  - Programmable choice using 4 buttons
  - Receipt on demand printing / Cash drawer open / Printing stop / Signal back to host POS etc..
- Built-in Power Supply
  - An ideal design for compact counters and highly traffic cashier desks
- User-convenience design
  - Click-in, Click-out cover for easy maintenance (Dip Switch / SMPS / Main Board)
  - Easy replacement of TPH and Auto-Cutter
  - Adjustable paper width guide (80mm or 83mm)
- Ergonomic design front control panel
  - Additional front angle for ergonomic design
  - High-gloss front panel to allow easy LED status check
  - Three LEDs, Paper / Power / Error
- Eco-friendly printer
  - Smallest margin (Auto-Cutter <-> TPH : 9mm) reduces unused paper
  - PowerSaver™ and PaperSaver™ with BIXOLON Windows driver
- Full featured BIXOLON POS Software Package (PSP)
  - 1) Smart unified Windows driver
    - Advanced design tool included Image Rotate, Reverse printing and Text Macro / Margin crop
  - 2) Intelligent Interface auto-installer
    - Automatic setting for interfaces even Serial baud rate
  - 3) Advanced Utility
    - Font Artist™
    - Water-mark tool

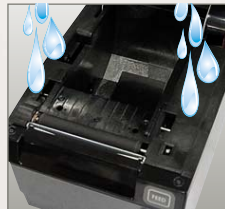
## PRODUCT FEATURES

### Liquid-Barrier™ front exit printer

SRP-F310 is a front exit type receipt 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.



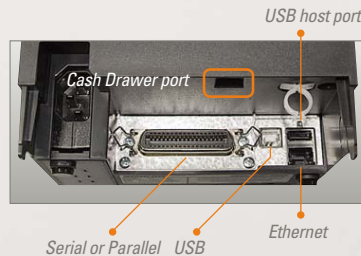
Water ventilation



Dual layers for water protection

### All in one plus™ interfaces

SRP-F310 features a powerful interface that goes beyond your imagination of what you are looking for in a receipt 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. All you have to do is choosing between Serial or Parallel.



Serial or Parallel USB Ethernet

### Optional BIXOLON Interactive Linker

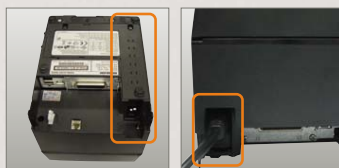
BIXOLON Interactive Linker is an advanced printer option that allows users to add commands to four customizable buttons. For instance, they can assign such BIXOLON Interactive Linker based programs as "Receipt on Demand", "Cash Drawer Open", "Printing Stop" and "Signal Back to Host" to each button to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



Optional BIXOLON Interactive Linker

### 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.



### Ergonomic design front control panel

BIXOLON SRP-F310 is designed in a pentagon shape with separate angles for the control panel unlike existing front exit type receipt 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-gloss front panel with three LEDs



IPX2 class certified

## SPECIFICATIONS

### PRINT

- PRINTING METHOD : Direct thermal
- PRINTING SPEED : 270mm/sec
- RESOLUTION : Standard : 180dpi(7dot/mm)  
Optional(SRP-F312) : 203dpi(8dot/mm)
- CHARACTER SIZE : Font A : 1.69 X 3.38  
Font B : 1.26 X 2.39  
Font C : 1.26 X 3.38
- CHARACTERS PER LINE :  
Font A : 42 / Font B : 56 / Font C : 56
- CHARACTER SET : Alphanumeric Character : 95  
Extended Character : 128 X 34 pages  
International Character : 32
- BARCODES :  
1D : EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E  
2D : PDF417, QR Code

### PAPER

- WIDTH : 80mm
- PAPER ROLL DIAMETER : Max Ø 105mm
- PAPER LOADING : Easy Paper Loading

### RELIABILITY

- PRINTER UNIT : 20 million lines
- TPH : 150 Km
- AUTO CUTTER : 2 million cuts

**INTERFACE** : USB 2.0 on board / Serial(RS-232C) / Parallel (IEEE 1284) / Ethernet / USB host port for WLAN dongle -> All in on board

**RECEIVE BUFFER** : 64 Kbytes

**NV IMAGE MEMORY** : Max. 512 Kbytes

**USER DEFINE BUFFER** : 12 Kbytes

**EMULATION** : ESC/POS™

**DRIVER** : Windows, OPOS, JPOS, Linux CUPS (Linux kernel 2.4.18 and later)

**SENSOR** : Paper Near End Sensor, Paper End Sensor, Cover Open Sensor

**DRAWER PORT** : 2 ports

**POWER SUPPLY (SMPS)** : AC 100~240V / DC 24V, 2.5A

**DIMENSIONS** : 154 X 203 X 148 (W X L X H mm)

**OPERATING TEMPERATURE** : 0 to 45°C, 10 to 80% RH (non-condensing)