

Extreme Performance SRP-F310

IP X2 class certified



< Front exit 3" thermal receipt printer >

Highlights



1. Liquid-Barrier™ front exit printer
2. All in one plus™ Interfaces
3. Fastest BIXOLON receipt printer ever- 270mm/second
4. Larger paper roll diameter up to 105mm
5. Optional BIXOLON Interactive Linker (BIL™)
6. Built-in Power Supply
7. User-convenience design
8. Ergonomic design front control panel
9. Eco-friendly printer
10. Unified PSP (POS Software Package)

1. Liquid-Barrier™ front exit printer

IP X2 Certified

- Water resistant at the top
- Water resistant at 15 degree



< Water ventilation >



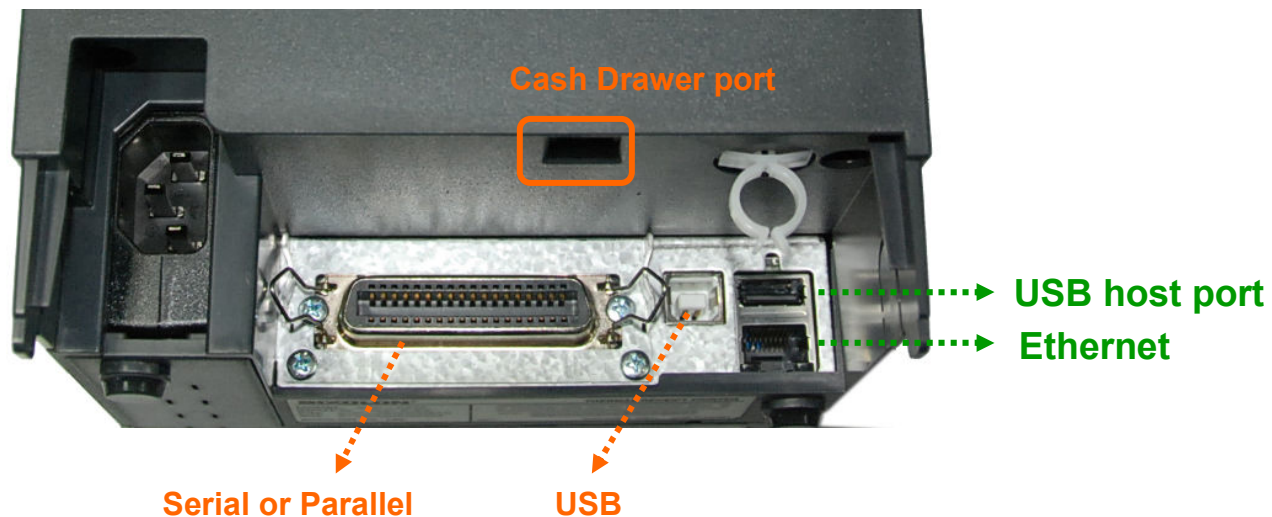
< Two storied barriers for water protection >

Liquid-Barrier™ design prevents damage from any type of liquid

2. All in one plus™ Interfaces

Ethernet + USB host port (WLAN) + USB 2.0 + Serial or Parallel all in one!

- Ethernet interface on board standard
- USB host port on board for WLAN dongle standard
- High speed (480 Mbps) USB 2.0 on board standard
- Interchangeable interface card ; Serial or Parallel



2. All in one plus™ Interfaces



Free Ethernet



Free USB host port for WLAN dongle



SAVE COST!

3. 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)

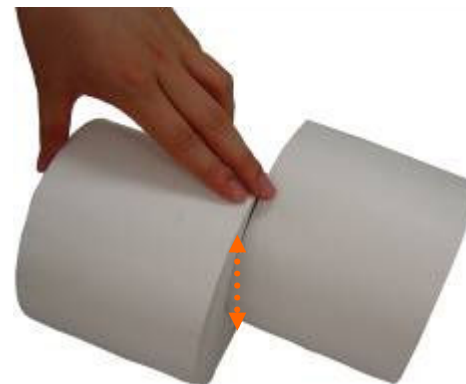


< Fast printing speed >

Same printing speed for Text and Image

4. Larger paper roll diameter up to 105mm

- Reduces paper changes by 50% with support for 105mm rolls



< Larger paper roll up to 105mm >

5. Optional BIXOLON Interactive Linker (BIL™)

-Programmable choice using 4 buttons

Receipt on demand printing / Cash drawer open / Printing stop / Signal back to host POS etc..



< Optional BIL™ >

6. Built-in Power Supply

- An ideal design for highly frequented cash desks
- Built-in SMPS keeps the printer safe from water and moisture.



< Built-in Power Supply >

7. 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)



< Click-in Click-out cover >



< Easy replacement of TPH / Auto-Cutter >



< Paper width guide >

8. Ergonomic design front control panel

- Additional front angle for ergonomic design
- High-glossy front panel to make the user check easily the LED status
- Three LEDs, Paper / Power / Error



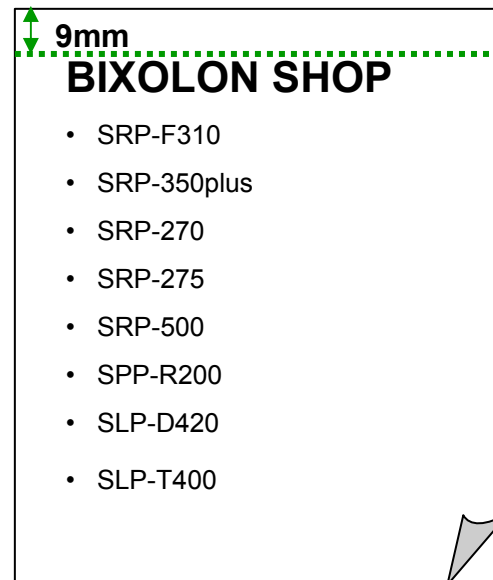
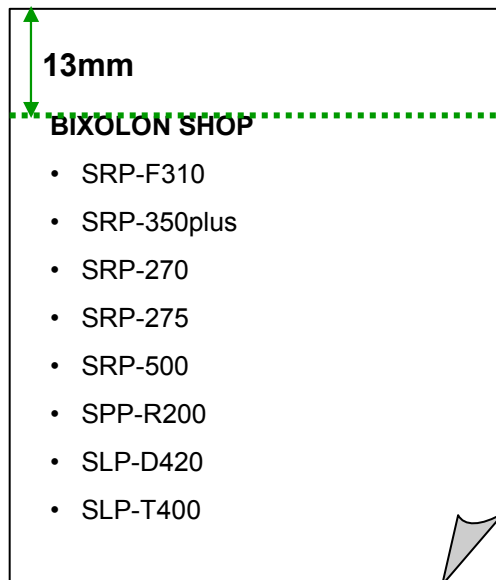
< Ergonomic design >



< High-glossy front panel with three LEDs >

9. Eco-friendly printer

-Shortest margin (save 4mm paper per receipt)



* Auto-cutter ↔ TPH : 9mm

Comparison	CTS-2000	CBM-1000	SRP-F310
	13mm	13mm	9mm

Make the top margin 4mm shorter than the existing front exit printers and it helps you save the earth and also the maintenance cost

9. Eco-friendly printer

-PowerSaver™ with BIXOLON Windows driver
(Only with BIXOLON Driver, the users can save the Power)

The screenshot shows the 'PowerSaver' window with the following sections:

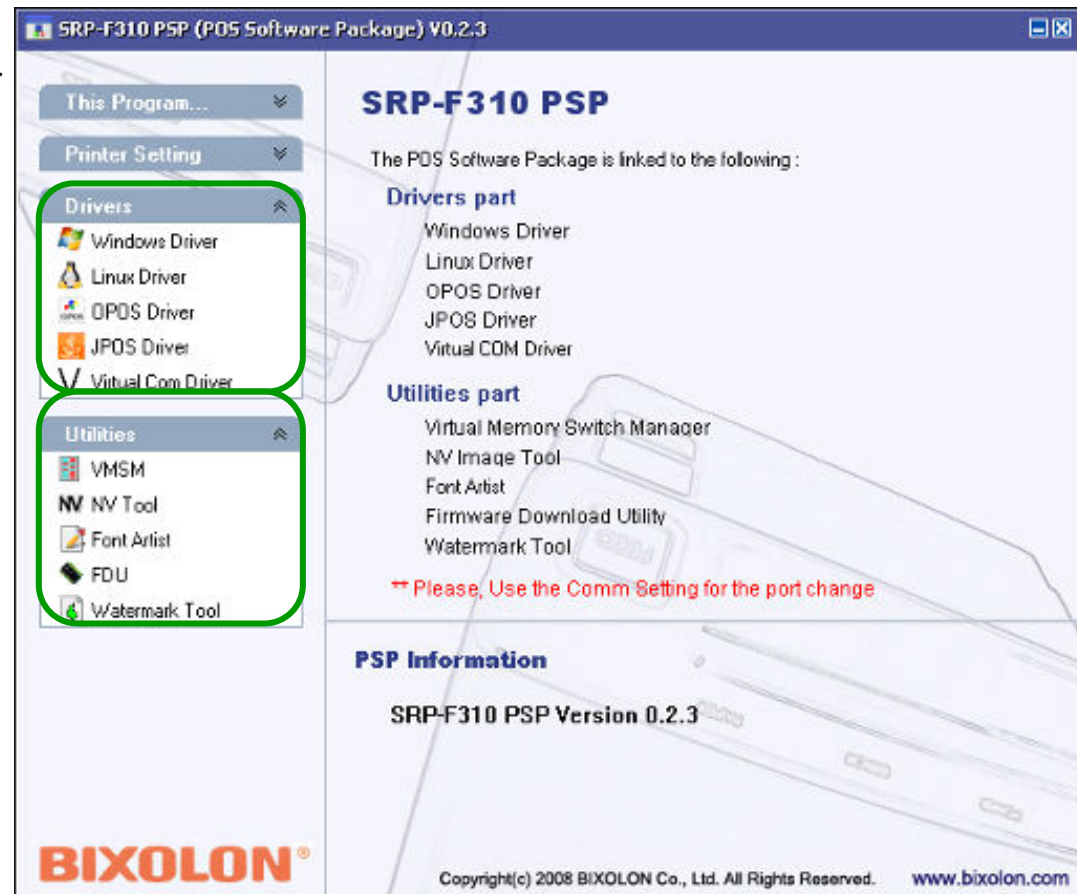
- Power control options:**
 - Print speed: 300 mm/sec
 - Print density: 100%
- User control options:**
 - ☒ Turn off the printer at night
- Power saving result:**

250	Number of printers	0.01	Cost per Watt	7300000	Current cost per year
6387500	Recalculated cost per year			912500	Saved cost per year

On the right side, a vertical bar indicates a 12% power saving. At the bottom, there are buttons for 'Connect printer', 'Save', 'Default', and 'Exit'.

10. Unified PSP (POS Software Package)

- 1) Smart Windows driver
- 2) Intelligent Interface auto-installer
- 3) Full featured Utility



10. Unified PSP (POS Software Package)

1) Smart Windows driver

- Advanced design tool includes Image Rotate, Reverse printing and Text Macro / Margin crop

BIXOLON SHOP

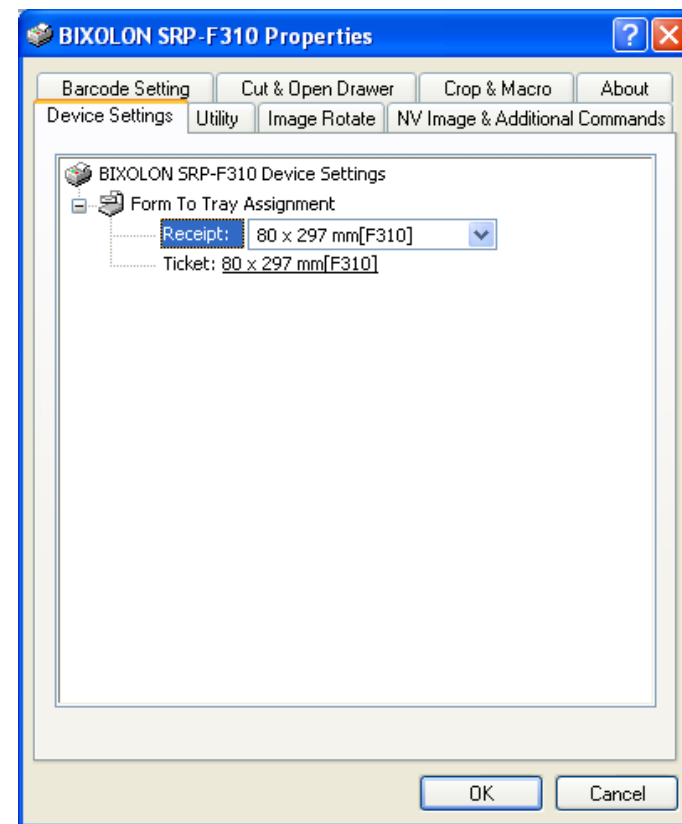
- SRP-F310
- SRP-350plus
- SRP-270
- SRP-275
- SRP-500
- SPP-R200
- SLP-D420
- SLP-T400

- SLP-T400
- SLP-D420
- SPP-R200
- SRP-500
- SRP-275
- SRP-270
- SRP-350plus
- SRP-F310

BIXOLON SHOP

< Reverse Printing >

Deliver that receipt directly to the customer



10. Unified PSP (POS Software Package)

2) Intelligent Interface auto-installer

- Automatic setting for interfaces
- No need to set Serial baud rate!**

Step 1 : Port Setting Method Port Setting Wizard 1.0

Step 1 : Port Configuration

- Select the printer model

SRP-F310

- Select the port setting option

- ☒ Serial/Parallel/USB Auto Search and Configuration
- ☐ Ethernet Auto Search and Configuration
- ☐ Manual Select and Configuration
- ☐ Default Configuration

* Selecting Default Configuration will skip Step 2.

Back Next Exit

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Step 2 : Auto Search Select Port Setting Wizard 1.0

Serial / Parallel / USB Auto Port Searching...

Port Searching Range

- Serial : COM1~COM9
- Parallel : LPT1~LPT4
- USB : Pnp

** Caution : Bit length, parity, stop bit and flow control in serial are set to default.
(Bit length:8, parity:none, stop bit:1, flow control:DTR/DSR)

Searching for ports could take up to 1 minute.

Search Status : Port Searching Complete!

Restart

Search Result

Port: COM3, Baudrate: 115200 <-> SRP-F310

Back Next Exit

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Step 3 : Port Setting Verification Port Setting Wizard 1.0

Port Information Verify

Current Selected Port information

Port : COM3

Baudrate : 115200

Selected Printer : SRP-F310

Test Print

Based on current port information, Driver will be installed with the provided port setting.

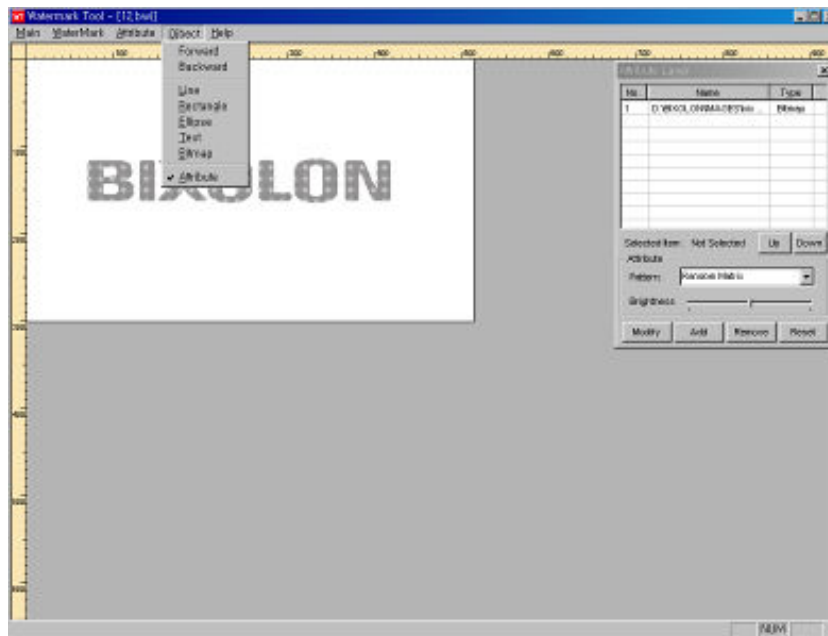
Click the "Next" button to install the windows driver

Back Next Exit

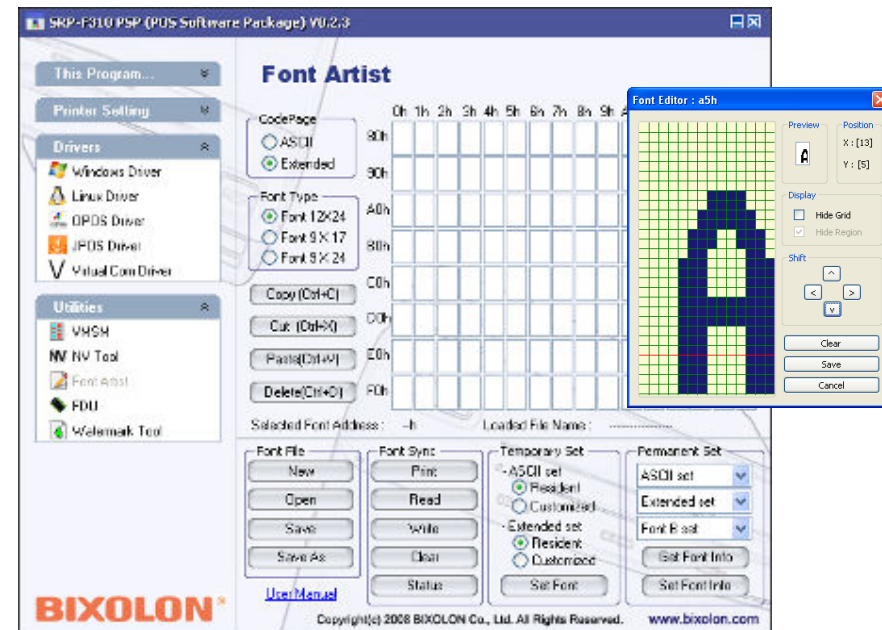
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10. Unified PSP (POS Software Package)

- 3) Full featured Utility
 - Water-mark / Font Artist™



Save your own image into the flash memory then design the receipt with **Water-mark**.



The amazing font design program Font Artist is included in **PSP** and it helps the users easily edit the font as they want to design their own fonts.

	CT-S2000	SRP-F310
Print Width	Max 80mm/640 dots	72.2mm / 512 dots
Dot Density	8 (horizontal) X 8 (vertical) dots/mm (203 dpi)	7 (horizontal) X 7 (vertical) dots/mm (180 dpi)
Print Speed	Max 220mm/sec	Max 270mm/sec
Number of Columns	Font A: 53 (12x24) / Font B:71 (9x24) / Font C: 80 (8x16)	Font A:42 (12x24) /font B : 56 (9x17) / Font C : 56 (9x24)
Character Size (mm)	Font A: 1.50x3.00 / Font C : 1.13 x 3.00 / Font C : 1.00x2.00	Font A: 1.69 X 3.38 / Font B : 1.26 X 2.39 / Font C : 1.26 X 3.38
Character Table	International characters (12 countries)	International characters:32
Barcode	Types UPC-A/E, JAN/EAN-8, JAN-EAN-13, ITF, Code 39, Code 93, Code 128, and CODABAR	Types UPC-A/E, JAN/EAN-8, JAN-EAN-13, ITF, Code 39, Code 93, Code 128, and CODA BAR
Paper Feed Pitch	0.125mm	0.141mm
Line Feed Pitch	4.23 mm (1/16 inch) User selectable	4.23 mm (1/6 inch)
Paper Roll	82.5, 80, 60, 58 x 102 mm	80, 83 x 105 mm diameter
IP class	IP X2 Confirmative	IP X2 class certified
Interface	Parallel / Serial or Ethernet(Optional) + USB	Serial/ parallel + USB 2.0 + Ethernet + USB host port for WLAN dongle (All standard)
O/S Drivers	Windows® XP, Vista, Linux, and OPOS drivers (includes customization utility)	Windows® XP, Vista, Linux, and OPOS drivers (includes customization utility)
Input Buffer	4k bytes	64k bytes
NV User Memory	Max 384k user selectable	Max 512k
Power Supply Input	AC100-230V	AC100-240V,50/60Hz,1.5A
Weight	2 kg	2.1 kg
Dimensions (W x D x H)	147 x 207 x 147mm	203x154x148mm
Environment Operation	5-45 C°, 10-90 RH% (no condensation)	0 to 45°C, 10 to 80% RH (non-condensing)
Reliability (MCBF)	20 Million lines	20 Million lines
Thermal Head	150km	150km
Auto Cutter	2 Million cuts	1.8 Million cuts

Reference Applications



Point of Sale



Hospitality



Retail



Kiosk



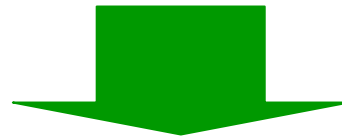
Lottery

BIXOLON with Eco friendly printing technology

Energy friendly : Power saving

Environment friendly : Paper saving

Eco friendly : Easy recycle & repair
Lesser parts & screws



Save the Earth and Save the Cost !!!