

# SP310

3" Direct Thermal Label Printer



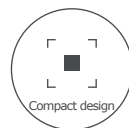
- Fashionable design
- Unique media supply spindle design, supports three types of label roll inner core diameter
- Printer head quick replacement design, convenient for service
- Fully-closed gear box design, no dust going in, high reliability
- Easy loading design, quick paper roll placement
- With optional external paper roll holder, support super big paper roll
- Adjustable black mark position, catering to different label paper
- Front paper-out design, water-splash resistant
- Bundled with Bartender label design software & Seagull Windows Driver



## Specification

Items	Parameter	
Printing	Printing Method	Direct thermal printing
	Resolution	203dpi(8dots/mm)
	Printing Speed	102mm/s Max
	Printing Width	80mm Max
	Printing Length	300mm
Processor	32-bit RISC CPU	
Memory	RAM	2 MB
	Flash	2 MB
Detection	Sensors	Out of paper detection, Gap detection, Notch detection, Black mark detection, TPH temperature detection
Media	Types	Fan-fed or Roll-fed, Die-cut or Continuous label
	Width	1"(25mm) ~ 3.35"(85mm)
	Thickness	0.003"(60um) ~ 0.007"(180um)
	Label Roll Diameter	90mm
	Core Diameter	0.5"(12.7mm), 1"(25.4mm), 1.5"(38.1mm)
Programming Language	TSPL Simulation	
Software	Label Design	Label Designer
	Driver	Windows 2000/XP/Vista/7/8/8.1/10, Linux, macOS
Resident Fonts	Bitmap Fonts	6, 8, 12, 16, 32, OCR A & B. 90°, 180°, 270° rotatable and 10 times expandable in horizontal and vertical directions
Barcode	1D	Code 39, Code 93, EAN 8-13 (add on 2 & 5), UPC-A/E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC/EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, GS1 DataBar, German Post Code, Planet 11 & 13 digit, Japanese Postnet, I2 of 5 with human readable check digit, Standard 2 of 5, Industrial 2 of 5, Logmars, Code 11, Code 49, Cadablock
	2D	PDF417, Data Matrix, Maxi Code, QR Code, Micro PDF417, Micro QR Code, Aztec
Interfaces	USB, RS232C, Cash Drawer	
Control Panel	Tri-color status LED, Power and Feed button	
Power Adapter	Power Input	AC100V ~240V 50/60Hz 1.5A
	Power Supply	DC12V/2A
Environment	Operation	5°C~50°C, relative humidity 25% ~ 85%, no condensing
	Storage	-40°C~60°C, relative humidity 10% ~ 90%, no condensing
Physical Characteristics	Dimension	188(L)*134(W)*150(H)mm
	Weight	880g, excluding consumables
Optional Accessories	External label roll holder	
Agency Approvals	CCC, FCC, CE	

## Application



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