



RONGTA

RP310D 3" Dual-color Thermal Label Printer

- **Supports dual-color printing, highlights key content, and clear information**

Accurately distinguish between regular information and key content, and highlight key information with eye-catching colors, so that the information is clearly layered, clear and easy to identify, and easy to identify important information, helping to quickly identify and obtain important content.

- **Large storage, excellent heat dissipation performance, can handle a large amount of printing work**

128MB RAM + 128MB FLASH large storage space, with excellent heat dissipation performance, can better cope with the needs of large-volume printing, ensure stable operation of the equipment, effectively extend the service life of the equipment, improve printing quality, and reduce maintenance costs.

- **With open cover reprint function, paper automatic positioning function**

The reprint function ensures that during the printing process, if there is an emergency such as lack of paper, it effectively avoids the loss of information, omissions, etc., ensuring that each order can be completely and accurately output, greatly improving work efficiency. Moreover, after reopening the cover, it can automatically and accurately position the paper to avoid print-

- **Equipped with Bartender software, rich interfaces and diverse adaptation scenarios**

Equipped with Bluetooth + USB + Ethernet, it supports connecting to various terminals and can adapt to various usage scenarios; when used with Bartender editing software, direct connection printing is more convenient.



Application Scenario



Product labeling



Retail



Supermarkets



Tea Shop

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RP310D 3" Dual-color thermal label printer

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Print	Printing Method	Thermal
	Resolution	203dpi
	Maximum Print width	3.15"(80mm)
	Maximum Printing Speed	Single color:7ips (180mm/s) Dual color:2.76ips (70mm/s)
	Print Length	0.59'-78.74'(15mm-2000mm)
Sensor		Movable reflection/black mark sensor, transmission/gap sensor, retractable optical coupler, cover opening detection, head chip temperature detection
Medium	Type	Label paper, Black mark paper (bottom black mark), continuous paper
	Width (label + backing paper)	1.18"-3.35"(30-85mm)
	Thickness (label + backing paper)	0.0023"-0.0071"(0.06mm~0.18mm)
	Maximum Paper Roll Diameter	φ4.13"(φ105mm)
	Reel Inner Diameter	φ1"(φ25.4mm)、φ1.50"(φ38.1mm)
Paper Tearing Method		Manual tearing
Processor		32bit ARM MCU 600MHz
Storage	RAM	128MB
	FLASH	128MB
Function	Button	Rocker switch, Feed button, Paper bin cover opening button
	Indicator Lights	YES
	Buzzer	Buzzer tone
	Display	/
	Other	Automatic paper recognition, reprinting when out of paper
Communication Interface		Bluetooth+USB+Ethernet (optionRS232)
Programming Language		TSPL+ESC (support expand to ZPL)
Built-in Fonts		ASCII Font: 10x12, 14x20, 16x24, 24x32, 36x48, 14x19, 21x27, 14x25, 12x24
		GB18030: 24x24
Code Page	Extended Character table	CP437, CP850, CP852, CP860, CP863, CP865, CP866, WPC1250, WPC1251, WPC1252, WPC1253, WPC1254
Barcode	1D	Code39, Code39C, I25, Code93, ITF25, EAN128, Code128, Codabar, EAN-8, EAN8+2, EAN8+5, EAN -13, EAN13+2, EAN13+5, UPC-A, UPCA+2, UPCA+5, UPC-E, UPCE+2, UPCE+5MSIC, ITF14, EAN14, Code11
	2D	QRCODE, PDF417 (optional)
Software	Drive	Windows 7/8/10/11、Linux、MacOS、UOS/Kylinsoft arm64
	SDK	Android, iOS, Windows
	Label Design	Bartender(PC)、RT Elabel APP (iOS/Android)
Power Adapter		Input: AC 100-240V, 50/60Hz
		Output: DC 24V/2.5A
Environmental Parameters	Work	Temperature: 32-104°F(0-40°C); Humidity: 20-90% (non-condensing)
	Storage	Temperature: 14-140°F(-10-60°C); Humidity: 5-95% (non-condensing)
Physical Parameters	Dimensions (length, width, height)	179mm*150mm*142mm
	Weight	1kg
Accessories	Standard	Power cord, USB data cable, power adapter, quick installation guide
	Optional	/

* All configurations and parameters listed on this page are subject to actual product and change without notice..