



DN31 Desk Label Printer

High speed, high performance printer

The DN31 Black Edition is a new printer that meets industrial printing standards. The black label has won widespread popularity among users for its excellent reliability and ease of use.

Flexible black mark positioning

Increase the black mark positioning function. Meet your different positioning options and easily implement tax-controlled printing without the need to change printers.

Durable

Metal gear holder for longer continuous printing.

Support multiple interfaces

RS-232, parallel interface, USB and Bluetooth interface are all optional. This makes it easier to match the requirements of the user system.

Applications as follows:

Government

- Multi-line list printing
Public reading and invoicing
- Invoice
- Distributed printer deployment
- UnionPay receipt printing
- Supermarket shopping invoice

Transportation, Logistics and Express

- Hotel order invoice

Product Specification Sheet

DN31series specification

Project		Model	
Parameter Name		DN31-U	DN31-BUC
Print parameter	Print type	Nine-needle bidirectional printing	
	Print speed	76.2mm/4.4lps; 57.5mm/5.6lps	
	Point distance	0.352mm	
	Valid print width	76.2mm±0.5mm; 57.5mm±0.5mm	
	Paper	High quality plain white paper, pressure sensitive paper roll or black mark paper with a diameter not exceeding 83mm	
Paper parameter	Paper width	Max 76.2mm	
	Paper thickness	0.06-0.085mm	
	Paper loading	Clamshell paper loading, easy loading paper	
	Out paper type	Upper paper; thermal facing	
	Cutter type	Hardware tearing paper knife, manual tearing off	
Content	Font English	7*9 lattice; 9*9lattice	
	Font Chinese	16*16 lattice	
	Encoding	ASCII; GBK (GB18030 double)	
	Print characters	English, Chinese characters, numbers, various symbols	
	Bitmap	Black and white bitmap (line, curve, table, picture)	
Pack Characteristics	Machine Size	230mm*200mm*110mm	
	Weight (with battery)	1150g	
	Package Size	305mm*205mm*136mm	
	With package weight	1964g	
	Carton Size	626mm*440mm*310mm	
	Carton Weight	16.7Kg	
	Carton Quantity	8/box	
Interactive interface	Input	1 pc Key button, 1 Rocker switch	
	Output	Buzzer; OLED screen	
	Communication Interface	USB-B	USB-B, RJ11, Bluetooth 2.0 + 4.0 dual-mode Bluetooth
	Label detect	0n-beam label detection	

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	Black mark detect	Black mark detection on the right side, black mark on the print side
	Warning	End of paper; open cover detection, low battery prompt; overheating prompt
	Command	ESC / POS
	Battery removable capacity	Not removable
Power	Adapter	Input: AC 110V / 220V, 50 ~ 60Hz Output: DC 24V / 2A
	Data line	USB-A to USB-B data cable
Environment-al parameters	Operating temperature	0~50 ° C
	Storage temperature	-20~60° C
	Operating humidity	10%~90% No condensation
	Storage humidity	10%~90% No condensation
Reliability	Print life	3,000,000 characters