way to global technologies

NEW WAY electronics

BIS · CMMI level 3 · ISO

CERTIFIED COMPANY

MAKE : NEW WAY ELECTRONICS
MODEL : NWE – DTP-IV (N)

Overview :

Direct thermal barcode & receipt printers are devices specifically designed to produce high-quality barcode labels using a direct thermal printing method. These printers utilize heat-sensitive paper or labels that darken when exposed to heat, eliminating the need for ink or toner. They are widely used in various industries for printing labels, tags, tickets, and receipts that require durability and quick, efficient printing.

Feauters :

- 6 Inch High-Speed Printing
- 203dpi Resolution Models
- 32MB SD RAM 8MB
- Flash High Quality Double-walled Cam Shell
- Design Printhead temperature
- intelligent control system
- make sure printer output stably

Applications :

1. Retail: Printing product labels, shelf tags, and price tags.
2. Logistics and Warehousing: Generating shipping labels, inventory labels, and packing slips.
3. Healthcare: Printing wristbands, patient identification labels, and specimen labels.
4. Hospitality: Generating tickets, receipts, and guest identification labels.

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Categorization	Item	Parameters
Basic Information	Product Model	NEW-DTP-IV(N)
	Product Type	Desktop Label Printer
	Listed Version	USB，bluetooth
	Printing Methods	Thermal
	Effective Print Width of Print Head（Max）	108mm
	Resolution	203dpi
	Print Point Size	0.125x0.125mm（1mm=8dots）
	Communication Method/Interface	USB，bluetooth(optional)
Printing Information	Printing Speed（Max）	150mm/s
	Print Length（Max）	300mm
Paper Specifications	Paper Roll Outside Diameter（Max）	
	Label Clearance	1-30mm
	Maximum Paper Loading Width (Including Backing Paper)	
	Supported Paper Roll Types	Label Paper, Continuous Paper
	Supported Paper Roll Form	Convoluted
	Paper Tear-Off Method	Paper Shaver
Human-Computer Interaction	Function Buttons	Function Buttons*1
	Indicator Light	Red Light*1、Green Light*1、Blue Light*1
Performance Parameters	Storage Temperature/Humidity	-20～70℃/5~95％(non-coagulation)
	Operating Temperature/Humidity	0℃ ～ 50℃/10~90%（non-condensation）
	Printhead Life	50KM
	Adapter Input/Output	Input：AC 100V-240V,50-60Hz Output：24V-2A
instruction set programming language	Instruction set (programming languages)	TSPL
Test	sensors	Contralateral, Reflective
	detect	Gap Detection, Paper Out Detection, Voltage Detection, Temperature Detection
Shape	Machine Dimension	210*175*135mm
	Bare Weight	1.5kg
	Packing Specification	295*190*180mm
Memory Information	main frequency	108MHz
	RAM	96 KB SRAM +4MB PSRAM
	FLASH	384 KB +16MB

Button Definition

Function	Operating Methods	
boot	Turn on the power.	
shut down	Turn off the power	
run out of paper	Press the button briefly	
Paper Learning	Press and hold the button, wait for a drop and release it	
Printing the self-test page	Press and hold the button, wait for two ticks and release	
restore the factory	Press and hold the button, wait for five ticks, then release it	