

Thermal Receipt Printer TP-100



Specification

Item		Parameter
Printing	Print method	Direct thermal line printing
	Resolution	203 × 203DPI; 203 × 180DPI
	Paper width	57.5/80/82.5mm
	Print width	Max.80mm
	Print speed	Max.250mm/s
	Flash LOGO	Max. 1M bytes
	Command buffer area	64K bytes, 4K bytes or 45 bytes
Interface	USB	USB2.0 (full speed)
	Serial interface	RS-232C
	Parallel interface	IEEE1284
	Ethernet interface	10/100BASE-T
	Cash drawer	Can select to controlling 1~ 2 cash drawers
Memory		RAM: 2MB, Flash: 4MB
Printer status detection		Paper end sensor/ black mark sensor; Paper near end sensor; Cover position sensor; Paper presence sensor Print head temperature sensor; Printer voltage detection
Cut mode		Full cut, partial cut
Barcode	1D	UPC-A, UPC-E, CODE 39, CODE 93, CODE 128, EAN8, EAN13, ITF, CODABAR
	2D	PDF417, QR, Maxicode
Fonts		Font A: 12 × 24 Font B: 9 × 17 Kanji font A: 24 × 24
Character set		95 Alphanumeric
		14 types of international characters
		128 x 68 code page
		Optional: Traditional Chinese, Simplified Chinese (GB2312/18030), Japanese, Korean, English, HK
		User-defined font (95) & code page
Character enlargement		All characters can be enlarged 1-6 times horizontally and vertically
Character rotation		Rotation printing in four directions (0°, 90°, 180°, 270°)
Command		ESC/POS compatible
Paper	Paper type	Thermal continuous paper Thermal marked paper
	Paper roll OD	Max. 83mm

	Paper thickness	0.06mm~0.10mm thermal paper
Power supply	Input	100-240VAC, 50-60Hz
	Output	24V ± 5% DC, average current 2A
	External or not	External power adapter
Human-machine interface	Power switch	Support
	Button	Support
	LED	Support, including POWER LED and ERROR LED
	Buzzer	Support, 24V buzzer
Reliability	Lifetime of print head	≥150Km (standard test sample with 12.5% duty ratio)
	Lifetime of cutter	2,000,000 cuts (standard test condition)
	MCBF	70,000,000 lines
	MTBF	360,000 hours (main control board)
Operation temperature and humidity		5°C~45°C, 20%~90%RH(40°C)
Storage temperature and humidity		-40°C~60°C, 10%~90%RH(40°C)
Overall dimensions		127mm(L)*127mm(W)*134mm(H)
Functions	Saving paper	Support
	Button configuration	Support (configure the printer without computer)
	Right-up-side printing	Support
	Water mark printing	Support
	Gray scale printing	Support