FEC

Thermal Receipt Printer
TP-100

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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

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	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