

Printer Mechanism

2 Inch
PT541A-B

WORLD'S BEST PRODUCT

- ▶ APS CP290R compatible
- ▶ Optional knob
- ▶ 90° paper feeding and 180° paper feeding (optional)



2 Inch

Thermal printer mechanism series PT541A-B

Features



- 1. Low voltage supply**
The voltage used to drive the thermal printer head is equal to the logic voltage, or is driven by a 5 V single power line, the range of operating voltage is 24V-26.5V.
- 2. Compact and lightweight design**
The mechanism is compact and light, dimensions: 90.8mm (width) * 54.5mm (depth) * 20mm (height)
- 3. Printing with high resolution**
A high-density printer head of 8 dots/mm make the printing clear and precise
- 4. High speed printing**
According to driving power and sensitivity of thermal paper, set different printing speed required. Printing speed is 75 mm/ s (max.)
- 5. Easy paper loading**
Detachable rubber roller structure makes the paper loading easier
- 6. Low noise**
Thermal line dot printing is used to guarantee low noise printing.

Specifications

Printing method	thermal dot line printing	Power Supply	Printer Head	24V, 2.2A (average)
Paper feeding direction	90° / 180°		Stepper motor	24V~0.5A(max)
Dot structure	432 dots/line		Logic voltage	3.0V~5.25V, 0.05A(5V)(max)
Dot pitch	8 dots/mm	Electric life	more than 110,000,000 pulses (printing rate=12.5%)	
Printing speed	75mm/s	Wear life	more than 50km	
Printing width	54mm	Ambient condition		
Paper width	58/64mm	Operating temperature	0°C~50°C	
Paper thickness	60~100 μ m	Operating humidity	20~85% RH	
Paper loading method	hand paper loading	Storage temperature	-25° C~70° C	
Character size	12 x 24, 36 characters/line	Storage humidity	10~90% RH	
	24 x 24, 18 characters/line	Detection		
	8 x 16, 54 characters/line	TPH temperature	thermistor	
	16 x 16, 27 characters/line	Paper end / black mark	photo interrupter	
Dimensions (W×D×H)	91 x 54.5 x 20 mm			
Weight	107g			

Applications

- Cash register
- ECR/financial POS
- Weighing scale
- Fire controller
- Medical devices
- Taximeter
- Measuring device

