

Printer Mechanism

1 Inch
PT241P

WORLD'S BEST PRODUCT

- ▶ Mini printing module
- ▶ Easy paper loading
- ▶ Printing speed: 80mm/s(8.0V)
- ▶ 90° paper feeding



1 Inch

Thermal printer mechanism series

PT241P

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 4.2V-10V.

2. Compact and lightweight design

The mechanism is compact and light, dimensions: 45.2mm (w) * 32.7mm (d) * 15.1mm (h)

3. Printing with high resolution

A high-density printer head of 8 dots/mm make the good printing quality

4. High speed printing

According to driving power and sensitivity of thermal paper, set different printing speed required. Printing speed is 80 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	4.5~8.5V
Paper feeding direction	90° vertical		Stepper motor	4.5~8.5V
Dot structure	192 dots/line	Electric life	Logic voltage	2.7V ~ 8.0V, 3.0A(max)
Dot pitch	8 dots/mm		more than 110,000,000 pulses (printing rate=12.5%)	
Printing speed	25mm/s (5.0V)	Wear life	more than 50km	
	56.25mm/s (7.2V)	Ambient condition		
	80mm/s(8.0V)	Operating temperature	0°C~50°C	
Printing width	24mm	Operating humidity	20~80% RH	
Paper width	32mm	Storage temperature	-25° C~70° C	
Paper thickness	60~100 μ m	Storage humidity	10~90% RH	
Paper loading method	Easy paper loading	Detection		
Character size	12 x 24, 16 characters/line	TPH temperature	thermistor	
	24 x 24, 8 characters/line	Paper end / black mark	photo interrupter	
	8 x 16, 24 characters/line	Dimensions (W×D×H)	45.2 x 32.7 x 15.1mm	
	16 x 16, 12 characters/line	Weight	32g	

Applications

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

