

Printer Mechanism

2 Inch
PT483P

WORLD'S BEST PRODUCT

- ▶ Easy paper loading
- ▶ Support thick thermal paper
- ▶ 90° paper feeding



2 Inch

Thermal printer mechanism series

PT483P

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-8.5V, so four to six NI-Cd batteries or Ni-MH batteries can also be used. Two li-ion batteries can be used.

2. Compact and lightweight design

The mechanism is compact and light, dimensions: 83.1mm (width) * 41mm (depth) * 39.5mm (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

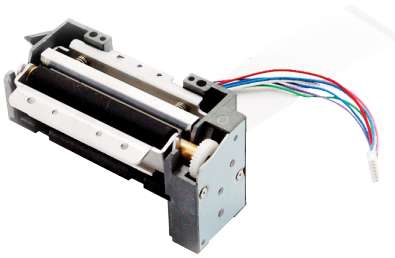
According to driving power and sensitivity of thermal paper, set different printing speed required. Printing speed is 80 mm/ s(max.)

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 | 4.2~8.5V, Average 0.87A |
| Paper feeding direction | 90° vertical | | Stepper motor | 4.2~8.5V, 1A(max) |
| Dot structure | 384 dots/line | | Logic voltage | 3.0~5.5V, 0.1A(max) |
| Dot pitch | 8 dots/mm | Electric life | more than 110,000,000 pulses (printing rate=12.5%) | |
| Printing speed | 80mm/s | Wear life | more than 50km | |
| Printing width | 48mm | Ambient condition | | |
| Paper width | 58mm | 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 | -20° C~60° C | |
| Character size | 12 x 24, 32 characters/line | Storage humidity | 5~90% RH | |
| | 24 x 24, 16 characters/line | Detection | | |
| | 8 x 16, 48 characters/line | TPH temperature | thermistor | |
| | 16 x 16, 24 characters/line | Paper end / black mark | photo interrupter | |
| Dimensions (WxDxH) | 83.1 x 41 x 39.5 mm | | | |
| Weight | 147g | | | |

Applications

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

