

Printer Mechanism

2 Inch
PT486F

WORLD'S BEST PRODUCT

- ▶ FujitsuPT628MCL101/103 compatible
- ▶ Compact and exquisite design
- ▶ Easy paper loading
- ▶ Printing speed: 70mm/s
- ▶ 90° paper feeding

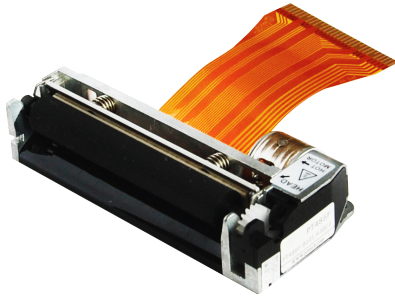


2 Inch

Thermal printer mechanism

PT486F

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: 69.7mm (width) * 32.7mm (depth) * 15.5mm (height)

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 70 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	
Feed direction	90°	
Dot structure	384 dots/line	
Dot pitch	8dots/mm	
Printing speed	70mm/s (8.5V)	
Printing width	48mm	
Paper width	58mm	
Paper thickness	60~100 μ m	
Paper loading method	easy paper loading	
Character size	12 x 24, 32 characters/line	
	24 x 24, 16 characters/line	
	8 x 16, 48 characters/line	
	16 x 16, 24 characters/line	
Power Supply	Printer Head	4.2V~ 8.5V, 0.87A(Average)
	Stepper motor	4.2V~ 8.5V, 1A (max)
	Logic voltage	2.7V~ 5.25V, 0.1A (max)
Dimensions (W×D×H)	69.7 x 32 x 15.5 mm	
Weight	45g	
Electric life	more than 110,000,000 pulses (printing rate=12.5%)	
Wear life	more than 50km	
Ambient condition		
Operating temperature	0°C~50°C	
Operating humidity	20~85% RH	
Storage temperature	-20° C~60° C	
Storage humidity	5~90% RH	
Sensor		
TPH temperature	thermistors	
Paper end / black mark	photo interrupter	

Applications

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



Corporate Headquarters

#704, E&C dream-tower 8th, 45 Gasan Digital 1st road, GeumCheon, Seoul, 153-793 Korea

Tel: +82. 70. 4814. 0100 Fax: +82. 2. 6974. 1533 E-mail: info@syncrown.com

[Http://www.syncrown.com](http://www.syncrown.com)

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