

Thermal Printer Mechanism

LTPD247/347



POS/ECR



Measuring Instrument



Barcode

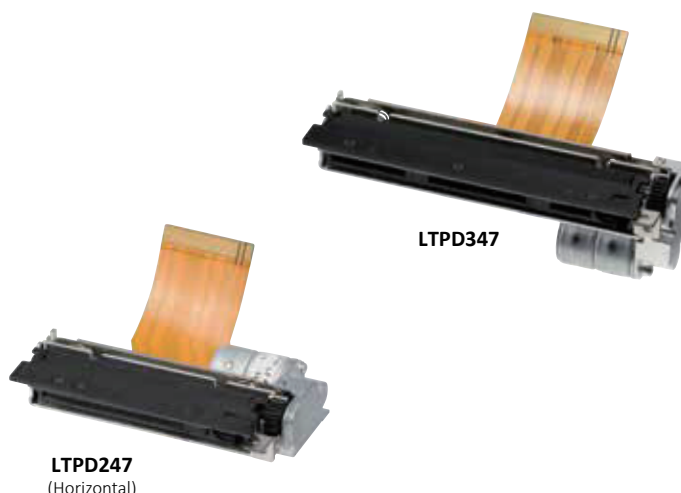


Label



Medical Equipment

- High performance in compact design
- Max. printing speed: 200mm/sec
- Platen latch function
- Label printing *Under specific conditions only.



Model		LTPD247	LTPD347
Printing	Method	Thermal line dot printing	
	Number of dots/line	432	576
	Resolution (dots/mm)	8	
	Paper width (mm)	58 ⁺⁰ ₋₁	80 ⁺⁰ ₋₁
	Printing width (mm)	54	72
	Speed (mm/sec) max	200	
	Paper path	Curved	
Detection	Head temperature	By thermistor	
	Platen position	By mechanical switch	
	Out of paper	By photo interrupter	
Power supply (v)	Operation voltage (Vdd)	2.7 to 3.6 / 4.75 to 5.25	
	Operation voltage (Vp)	21.6 to 26.4	
Peak current (A)	Head	2.61 (26.4V / 144dots) / 5.23 (26.4V / 288dots)	
	Motor	0.44	0.52
Service Life	Pulse activation (pulse)	100 million	
	Abrasion resistance (km)	100 ^{*1}	
Operating temperature (°C)		-10 to 50	
Dimensions (W×D×H mm)	Horizontal	71.0 × 30.0 × 15.0 ^{*2}	91.0 × 30.0 × 15.0 ^{*2}
	Vertical	71.0 × 15.0 × 30.0 ^{*2}	91.0 × 15.0 × 30.0 ^{*2}
Mass (g)		Approx. 56	Approx. 64

*1 Use recommended thermal papers. *2 Excluding protrusion.

Interface

Model	IFD001-01UK	IFD001-01SK
CPU	PTD00P01	
Thermal printer	LTPD247, LTPD347, CAPD247, CAPD347	
Operating voltage (V)	Vp: 21.6 to 26.4	
Character matrix (H×W dots)	16 dots characters: 16 × 8, 16 × 16 24 dots characters: 24 × 12, 24 × 24	
Character type	Extended graphics character set, Katakana character set 1, Katakana character set 2, Codepage 1252, User page, Downloaded character, Optional font, JIS 1st and 2nd level kanji, User-defined character	
Data input method	USB (2.0)	Serial (RS-232C)
Dimensions (W×D×H mm)	69.0 × 50.0 × 14.0	
Software ^{*3}	Printer Driver/SDK, OPOS Driver, POS for .NET Driver, Linux® CUPS Filter/SDK	

*3 Please see official homepage "www.sii-ps.com" for details.

CPU

Model	PTD00P01
Thermal printer	LTPD247, LTPD347, CAPD247, CAPD347
Package form	120pin QFP
Operating voltage (V)	Vp: 21.6 to 26.4, Vcc: 3.0 to 3.6
Operating frequency (MHz)	12MHz ± 0.01%
Configuration	C-MOS LSI
Input method	Parallel, Serial, USB
Character type	Extended graphics character set, Other characters is available with CGs ^{*4} or external ROM
Character size	16 dots characters: 16 × 8, 16 × 16 24 dots characters: 24 × 12, 24 × 24
Dimensions (W×D×H mm)	16.0 × 16.0 × 1.7
Software ^{*5}	Printer Driver/SDK, OPOS Driver, POS for .NET Driver, Linux® CUPS Filter/SDK

*4 CG ROM: Japanese *5 Please see official homepage "www.sii-ps.com" for details.