

Thermal Printer Mechanism

CAPD247/347



- Built-in auto-cutter
- Jam-free cutter design
- Max. printing speed: 200mm/sec
- Platen latch function



Model	CAPD247	CAPD347	
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	
	Cutter home position	By photo interrupter	
Power supply (V)	Operation voltage (V _{dd})	2.7 to 3.6 / 4.75 to 5.25	
	Operation voltage (V _p)	21.6 to 26.4	
Peak current (A)	Head	2.61 (26.4V / 144dots) / 5.23 (26.4V / 288dots)	
	Motor	0.44	0.52
	Cutter	0.64	
Auto cutter	Method	Slide type	
	Paper thickness (μm)	54 to 91 ^{*1}	
	Cutting type	Full cut / Partial cut (Leave center point)	
	Operating time (sec/cycle) max	Approx. 0.5	
	Cutting pitch (mm) min	10	
Service Life	Cut frequency (cut/min) max	30	
	Pulse activation (pulse)	100 million	
	Abrasion resistance (km)	100 ^{*1}	
Operating temperature (°C)	Paper cutting (cut)	1,000,000 ^{*1}	
		-10 to 50	
Dimensions (W×D×H mm)	83.1 × 35.4 × 26.9 ^{*2}	105.1 × 35.4 × 27.2 ^{*2}	
Mass (g)	Approx. 131	Approx. 154	

*1 Use recommended thermal papers. *2 Excluding mounting part.

Interface / CPU ^{*3}

	Model
USB interface board	IFD001-01UK
Serial interface board	IFD001-01SK
CPU	PTD00P01
Software ^{*4}	Printer Driver/SDK, OPOS Driver, POS for .NET Driver, Linux® CUPS Filter/SDK

^{*3} Interface boards and CPU are mutual options with LTPDX47 series.
^{*4} Please see official homepage "www.sii-ps.com" for details.

Official site <http://www.sih.com.hk/>



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