

Thermal Printer Mechanism

CAPD245/345



- Built-in auto-cutter
- Jam-free cutter design
- Max. printing speed (CAPD245) : 100mm/sec
- Platen latch function
- Various drivers



Model		CAPD245	CAPD345
Printing	Method	Thermal line dot printing	
	Number of dots/line	384	576
	Resolution (dots/mm)	8	
	Paper width (mm)	58 ⁺⁰ ₋₁	80 ⁺⁰ ₋₁
	Printing width (mm)	48	72
	Speed (mm/sec)max	100	80
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 (Vdd)	2.7 to 3.6 / 4.75 to 5.25	
	Operation voltage (Vp)	4.75 to 9.5	6.5 to 9.5
Peak current (A)	Head	3.66 (9.5V/64dots)	3.60 (9.5V/64dots)
	Motor	5.49 (9.5V/96dots)	5.40 (9.5V/96dots)
	Cutter	0.6	
Auto cutter	Method	Slide type	
	Paper thickness (µm)	54 to 80 ^{*1}	
	Cutting type	Full cut / Partial cut (Leave center point)	
	Operating time (sec/cycle)max	Approx. 1.0	
	Cutting pitch (mm)min	10	
	Cut frequency (cut/min)max	30	
Service life	Pulse activation (pulse)	100 million	
	Abrasion resistance (km)	50 ^{*1}	
	Paper cutting (cut)	500,000 ^{*1}	
Operating temperature (°C)		-10 to 50	
Dimensions (W x D x H mm)		83.1x35.4x26.9 ^{*2}	105.1x35.4x27.2 ^{*2}
Mass (g)		Approx. 125	Approx. 148
Driver		Windows® XP/Vista/7(32bit/64bit), OPOS(XP), Linux	

*1 Use recommended thermal papers *2 Excluding mounting part

Interface / CPU

	Model
USB interface board	IFD501-01UK
Serial interface board	IFD501-01SK
CPU	PTD50P01

*Interface boards and CPU are mutual options with LTPDX45 series.
*Please see P.5 for details.



Specifications are subject to change without notice.



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