

Thermal Printer Mechanism

CAP9000 Series

LTP9000 Series



- Max printing speed: 250mm/sec
- Compact 2", 3" heavy-duty mechanism
- Support thick paper: up to 155µm *1 (Straight path model only)
- Operation temperature: -20°C to 60°C
- Various drivers

Model		CAP9247	CAP9347	LTP9247	LTP9347
Printing	Method	Thermal line dot printing			
	Number of dots/line	448	640	448	640
	Resolution (dots/mm)	8			
	Paper width (mm)	58 ⁺⁰ / 60 ⁺⁰	80 ⁺⁰ / 82.55 ⁺⁰	58 ⁺⁰ / 60 ⁺⁰	80 ⁺⁰ / 82.55 ⁺⁰
	Printing width (mm)	54 / 56	76 / 80	54 / 56	76 / 80
	Speed (mm/sec)max	250			
	Paper path	Curved / Straight			
Detection	Head temperature	By thermistor			
	Out of paper	By photo interrupter			
	Mark position	By photo interrupter			
	Platen position	By mechanical switch			
	Cutter position	By mechanical switch			—
Power supply (V)	Operation voltage (Vdd)	4.75 to 5.25			
	Operation voltage (Vp)	21.6 to 26.4			
Peak current (A)	Head	5.9 (26.4V / 128 dots)			
	Motor	1.0			
Auto cutter	Cutter	1.2	—	—	—
	Method	Slide type			
	Paper thickness (µm)	57 to 155 *1			
	Cutting type	Full cut / Partial cut (Leave center point)			
	Operating time (sec/cycle) max	2			
	Cutting pitch (mm) min	10			
	Cut frequency (cut/min) max	30			
Service life	Pulse activation (pulse)	150 million			
	Abrasion resistance (km)	150 *1			
	Paper cutting (cut)	1,000,000			—
Operating temperature (°C)		-20 to 60			
Dimensions (W x D x H mm)		89.5 x 50.0 x 30.0 *2	112.0 x 50.0 x 30.0 *2	88.8 x 50.0 x 29.7 *2	111.25 x 50.0 x 29.7 *2
Mass (g)		Approx.240	Approx.290	Approx.150	Approx.180
Drivers		Windows® XP/Vista/7(32bit/64bit), OPOS(XP), Linux			

*1 Use recommended thermal papers *2 Excluding protrusion

Interface

Model		IF9001-03U	IF9001-03S
CPU		Custom CPU	
Thermal printer		CAP9247, CAP9347, LTP9247, LTP9347	
Operating voltage (V)		Vp:21.6 to 26.4	
Character matrix (H x W dots)		16 dots characters : 16 x 8, 16 x 16	24 dots characters : 24 x 12, 24 x 24
Character type	Extended graphics character set	Yes	Yes
	Katakana character set	Yes	Yes
	Optional font	Yes	Yes
	Downloaded character	Yes	Yes
	User-defined character	Yes	Yes
Communication interface		USB	Serial (RS-232C)
Dimensions (W x D x H mm)		108.0 x 90.0 x 28.0	

Specifications are subject to change without notice.



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