

Thermal Printer Mechanism

CAPM347



- Max. printing speed: 300mm/sec*1
- Build in auto paper cutter
- Head open design for easy paper operation
- Heavy-duty : 200km, 2mil. Cuts *1
- Wide operating temperature : -20°C to 60° *1
- Windows® driver : XP / Vista / 7 (32bit and 64bit)
- OPOS driver : XP *In use with IFM201
- Linux driver



CAPM347



Easy Paper Operation Model



Loading Model

Model	CAPM347				
	Matched thermal paper	Easy paper operation model		Loading model	
		Regular thermal paper	Thick thermal paper	Regular thermal paper	Thick thermal paper
Printing	Method	Thermal line dot printing			
	Number of dots/line	640			
	Resolution(dots/mm)	8			
	Paper width(mm)	58 ⁺⁰ / 60 ⁺⁰ / 80 ⁺⁰ / 83 ⁻⁰			
	Printing width(mm)	54 / 56 / 72 / 80			
	Speed(mm/sec)max	300*1		280*1	300*1
Detection	Head temperature	By thermistor			
	Head position	By mechanical switch			
	Out of paper	By photo interrupter			
	Mark	By photo interrupter *1			
	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)	21.6 to 26.4			
Peak current(A)	Head / Motor / Cutter	5.6 (26.4V/144dots) / 1.2 / 1.1			
	Method	Slide type			
Auto Cutter	Paper thickness (µm)*1	54 to 90 ¹²	100 to 150 ¹²	54 to 90 ¹²	100 to 150 ¹²
	Cutting type	Full cut / Partial cut (Leave center point)			
	Pulse activation (pulse)	200 million	100 million	200 million	100 million
Service life	Abrasion resistance(km)*1	200*2	100*2	200*2	100*2
	Life(cut)	2,000,000 ¹²	1,000,000 ¹²	2,000,000 ¹²	1,000,000 ¹²
	Operating temperature(°C)	-20 to 60*1	0 to 50*1	-20 to 60*1	0 to 50*1
Dimensions (WxDxH mm)	110.0 × 61.0 × 53.4			110.0 × 61.0 × 55.9	
Mass (g)	Approx. 500				

*1 Under specified condition *2 Use recommended thermal papers
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Interface / CPU

	Model
USB interface board	IFM201-01UK
Serial interface board	IFM201-01SK
CPU	PTM20P01

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Specifications are subject to change without notice.