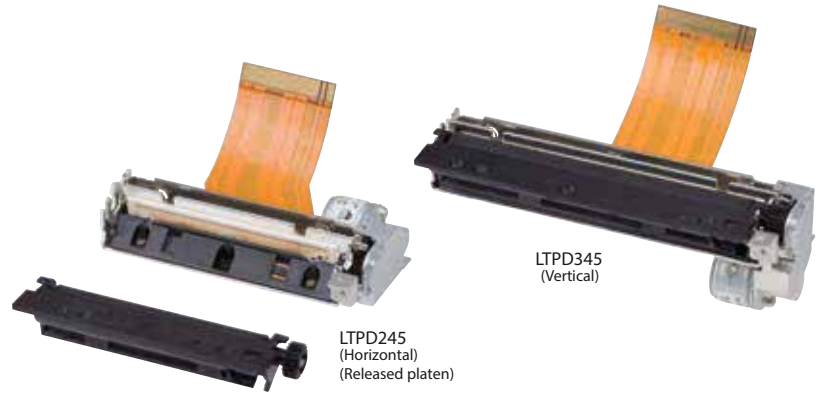


Easy Paper Operation Mechanism

LTPD245 / 345



- High performance in compact design
- Max. printing speed: 100mm/s
- Platen latch function
- Windows® Driver (XP / Vista) *In use with IFD501
- Linux Driver *In use with IFD501
- OPOS Driver *In use with IFD501



Model		LTPD245	LTPD345
Printing	Methods	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 detection	By mechanical switch	
	Out of paper detection	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	
Peak current (A)	Head	3.66 (9.5V/64dots) 5.49 (9.5V/96dots)	3.60 (9.5V/64dots) 5.40 (9.5V/96dots)
	Motor	0.6	
Service Life	Pulse actuation (pulse)	100 million	
	Abrasion resistance (km)	50 *1	
Operating temperature (°C)		-30 to 70	
Dimensions (WxDxH mm)	Horizontal	69.0 x 30.0 x 15.0 ^{*2}	91.0 x 30.0 x 15.0 ^{*2}
	Vertical	69.0 x 15.0 x 30.0 ^{*2}	91.0 x 15.0 x 30.0 ^{*2}
Mass (g)		Approx. 40	Approx. 58

Interface

Model	IFD501-01UK	IFD501-01SK
CPU	PTD50P01	
Operating Voltage (V)	Vp:4.75 to 9.5	
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	Optional Font	Yes
	Downloaded Character	Yes
	User-defined Character	Yes
	Extended Graphics Character set	Yes
	Katakana Character set	Yes
	Codepage 1252	Yes
	JIS 1&2 level Kanji	Yes
Communication interface	USB (2.0)	Serial (RS-232C)
Dimensions (W x D x H mm)	69.0 x 50.0 x 14.0	

CPU

Model	PTD50P01
Package form	120pin QFP
Operating Voltage (V)	Vp:4.75 to 9.5, Vcc: 3.0 to 3.6
Operating frequency(MHz)	12 +/- 0.01%
Configuration	C-MOS LSI
Communication interface	Parallel, Serial, USB
Character type	Extended graphics character set, Other characters is available with CGs* or external ROM
Character matrix (H x W dots)	16dots characters : 16 x 8, 16 x 16 24dots characters : 24 x 12, 24 x 24
Dimensions (W x D x H mm)	16.0 x 16.0 x 1.7

*3 CG ROM: Japanese, Korean

*1 Use recommended thermal papers. *2 Excluding protrusion.
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IFD501-01UK



IFD501-01SK