



IP-1400/IP-1600 Series Industrial Class Printer

- A durable and robust design for tough environment
- Easier setup, modular concept for ease of maintenance
- Simple to integrate with standard interface
- Flexible for having more options
- Applicable to more precise printing requirement

IP-1400 / IP-1600

Series Industrial Class Printer

	IP-1420	IP-1430	IP-1620	IP-1630
Resolution	203 dpi (8 dot/mm)	300 dpi(12 dot/mm)	203 dpi (8 dot/mm)	300 dpi(12 dot/mm)
Print Mode	Thermal Transfer / Direct Thermal			
CPU	32 Bit			
Memory	4 MB Flash, 16 MB SDRAM			
Print Speed	2 ~ 7 IPS	2 ~ 6 IPS	2 ~ 6 IPS	2 ~ 4 IPS
Print Length	Min 13 mm (0.51")	Min 13 mm (0.51")	Min 13 mm (0.51")	Min 13 mm (0.51")
	Max 4572 mm (180")	Max 2159 mm (85")	Max 3000 mm (118")	Max 1371 mm (54")
Print Width	104 mm (4.09")		168 mm (6.61")	
Sensor Type	Adjustable transmissive sensor and reflective sensor; left aligned			
Sensor Detection	Type : Label gap and black mark sensing			
	Detection : Label length auto sensing or program command setting			
Media	Label Roll : Max. 203 mm (8.0") with 76.2 mm (3") ID Code		Label Roll : Max. 203 mm (8.0") with 76.2 mm (3") ID Code	
	Core Diameter : 38.1 mm (1.5") ~ 76.2 mm (3")		Core Diameter : 38.1 mm (1.5") ~ 76.2 mm (3")	
	Width (Tear) : 25.4 mm (1") ~ 118.0 mm (4.64")		Width (Tear) : 50.8 mm (2") ~ 178.0 mm (7")	
	Width (Cutter) : Max. 117 mm (4.61")		Width (Cutter) : Max. 165 mm (6.5")	
	Width (Stripper/Rewinder) : 25.4 mm (1") ~ 118.0 mm (4.64")		Width (Heave duty cutter) : Max. 172 mm (6.8")	
	Thickness : 0.06 mm ~ 0.25 mm		Width (Stripper / Rewinder) : 50.8 mm (2") ~ 178.0 mm (7")	
Ribbon	Length : 450 M (1471 ft)		Length : 450 M (1471 ft)	
	Max. Ribbon roll OD : 76 mm (2.99")		Max. Ribbon roll OD : 76 mm (2.99")	
	Ribbon width : 30 mm ~ 110 mm (1.88"~4.33")		Ribbon width : 60 mm ~ 174 mm (2.36"~6.85")	
	Coating : Inside or outside		Coating : Inside or outside	
	Core Inner diameter : 25.4 mm (1")		Core Inner diameter : 25.4 mm (1")	
Printer Language	EZPL (Firmware downloadable)			
Software	Application : Qlabel-IV (EZPL only)			
	DLL & Driver : Microsoft Windows NT 4.0, 2000, XP and Vista			
Resident Fonts	11 resident alphanumeric fonts (included OCR A & B), those are expandable 8 times horizontally and vertically. All bit mapped fonts in 8 orientations. Scalable Font (Code Page 850 & 852) in 4 orientations			
Fonts Download	Windows bit mapped in 8 orientations. True type font (Ver. 2.XX) and Asian fonts in 4 orientations			
Image Handling	BMP, PCX, Support ICO, WMF, JPG, EMF file through software			
Barcodes	Code 39, Code 93, Code 128, (Subset A,B,C), UCC/EAN-128 K-Mart, UCC/EAN-128, UPC A/E (add on 2 & 5), I2 of 5 with Shipping Bearer Bars EAN 8/13 (add on 2 & 5), Codabar, Post NET, EAN 128, DUN 14, MaxiCode, HIBC, Plessey, Random Weight, Telepen, FIM, China Post Code, RPS 128, PDF 417, Datamatrix code & QR code			
Interfaces	Serial port : RS-232 (Baud rate : 4800 ~ 115200, Xon / Xoff, DSR / DTR)			
	USB port: V2.0			
	Compact Flash (CF) socket			
Control Panel	Back-light LCD Display : 128 x 64 dots Graphic LCD			
	Three single-color LED lights : Power, Ribbon, Media			
	Three control keys : FEED, PAUSE, CANCEL			
Power	110 / 240 VAC, 50 / 60 Hz			
Real Time Clock	Standard			
Enviornent	Operation : 41°F to 104°F (5°C to 40°C)			
	Storage : -4°F to 122°F (-20°C to 50°C)			
Humidity	Operation : 30-85%, non-condensing, Free air			
	Storage : 10-90%, non-condensing, Free air			
Cert. Approval	BSMI, CE, FCC Class A, CB, cUL, GS, CCC			
Printer Dimension	Length : 512 mm (20.15") / Height : 291 mm (11.45")		Length : 516 mm (20.31") / Height : 285 mm (11.22")	
	Width : 274 mm (10.78") / Weight : 15 Kg		Width : 345 mm (13.58") / Weight : 16.7 Kg	
Options	Cutter			
	Stripper sensor (with internal rewinder)			
	Ethernet Adapter			
	Parallel & PS2 Adapter			
	Applicator Interface (1 input, 3 outputs, power 500 mA @ 5V)			
Packing	USB cable, Power cord, Ribbon, Empty ribbon core, Label, CD, Quick Start Guide			

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