



## ***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
<b>Resolution</b>	203 dpi (8 dot/mm)	300 dpi(12 dot/mm)	203 dpi (8 dot/mm)	300 dpi(12 dot/mm)
<b>Print Method</b>	Thermal Transfer / Direct Thermal			
<b>Memory</b>	4 MB Flash (2 MB for user storage), 16 MB SDRAM			
<b>Sensor Type</b>	Adjustable reflective sensor and transmissive sensor; left aligned			
<b>Print Speed</b>	7 IPS (177 mm/s)	6 IPS (150 mm/s)	2 ~ 6 IPS	2 ~ 4 IPS
<b>Print Length</b>	Min 4 mm (0.16")	Min 4 mm (0.16")	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")
<b>Print Width</b>	104 mm (4.09")		168 mm (6.61")	
<b>Media</b>	Types: Continuous form, gap labels, black mark sensing, punched hole; label length set by auto sensing or programming.		Types: Continuous form, gap labels, black mark sensing, punched hole; label length set by auto sensing or programming.	
	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 / Rewind) : Max. 118 mm (4.64")		Width (Heave duty cutter) : Max. 172 mm (6.8")	
	Thickness : 0.06 mm(0.003") Min. ~ 0.25mm(0.01")Max.		Width (Stripper / Rewinder) : 178 mm (7") Max.	
	Core Diameter : 38.1 mm (1.5") ~ 76.2mm (3")		Thickness : 0.06 mm (0.003") ~ 0.25 mm (0.01")	
	Label Roll : Max. 203 mm (8") with 76.2 mm (3") core / Max. 152.4 mm (6") with 38.1 mm (1.5") core		Core Diameter : 38.1 mm (1.5") ~ 76.2 mm (3")	
<b>Ribbon</b>	Types: Wax, wax/resin, resin			
	Length : 450 M (1471 ft)			
	Width: 30mm(1.18") Min. - 110mm (4.33") Max.		Width: 60mm(2.36") Min. - 174mm (6.85") Max.	
	Max. Ribbon roll OD : 76 mm (2.99")			
	Core diameter: 76mm (2.99")			
<b>Printer Language</b>	EZPL (Firmware downloadable)			
<b>Software</b>	DLL & Driver : Microsoft Windows 2000, XP and Vista			
<b>Resident Fonts</b>	Bitmap fonts: 6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions Scalable fonts 90°, 180°, 270° rotatable			
<b>Fonts Download</b>	Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Asian fonts 8 times expandable in horizontal and vertical directions Scalable fonts 90°, 180°, 270° rotatable			
<b>Barcodes</b>	<b>1D Barcodes:</b> 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, MSI (1 MOd 10), HIBC, Random Weight, FIM, China Postal Code, RPS 128 and GS1 DataBar <b>2D Barcodes:</b> PDF417, Datamatrix code, Maxi Code, QR code and Micro QR code			
<b>Code Pages</b>	CODEPAGE 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737; WINDOWS 1250, 1251, 1252, 1253, 1254, 1255; Unicode (UTF8, UTF16)			
<b>Graphics</b>	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software			
<b>Interfaces</b>	Serial port: RS-232 (DB-9); USB port (Default on); CF card socket ; Ethernet 10/100MBPS print server (default off; disables USB when in use)			
<b>Control Panel</b>	Back-light LCD Display : 128 x 64 dots Graphic LCD or 4 lines x 16 characters			
	Three mono-color status-LEDs: Power on, Ribbon out, Media out			
	Three control keys : FEED, PAUSE, CANCEL			
<b>Power</b>	Auto Switching 110-240 VAC, 50-60 Hz			
<b>Real Time Clock</b>	Standard			
<b>Enviorment</b>	Operation : 41°F to 104°F (5°C to 40°C)			
	Storage : -4°F to 122°F (-20°C to 50°C)			
<b>Humidity</b>	Operation : 30-85%, non-condensing, Free air			
	Storage : 10-90%, non-condensing, Free air			
<b>Agency Approval</b>	CE(EMC), FCC Class A, CB, cUL, CCC			
<b>Printer Dimension</b>	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	
<b>Options</b>	Cutter Module Internal Rewinder with label Dispenser Parallel port (Centronics 36-pin) and PS2 port Applicator Interface (1 input, 3 outputs, pwer 50ma @5V) 802.11 b/g wireless print server (Default off; disables USB when in use. Must remove Ethernet card to install) External label roll holder for 10" (250mm) OD label rolls External label rewinder			

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