



IP-1 – INDUSTRIAL THERMAL TRANSFER BAR CODE PRINTER

ENHANCED PRINT QUALITY, HIGH-SPEED PERFORMANCE, WITH COLOR TOUCH DISPLAY



KEY FEATURES

- AirTrack Smart Print Control technology produces cleanest, high quality barcodes
- Up to 356 mm (14") per sec. print speed
- 4.3" color touch LCD panel with 6-button control
- 128 MB Flash and 128 MB SDRAM memory standard (Factory option for 512 MB Flash/256 MB SDRAM)
- Heavy duty die-cast aluminum design
- USB host interface for stand-alone application
- Available in 203 dpi, 300 dpi and 600 dpi resolutions
- 600 meter ribbon supply
- SD Flash memory expansion up to 32 GB
- Ribbon capacity monitor widget
- Auto TPH resolution switch detection
- Firmware supports common Zebra™ printer languages for plug-n-play ease
- Options include: peel-off kit & 6" OD internal rewinding kit, General purpose IO connectivity, Bluetooth module, external 802.11 b/g/n Wireless module, knife & rotary cutters

APPLICATIONS

- Industrial-duty Printing
- Healthcare Patient Safety
- Compliance Labeling
- Work In Process
- Order Fulfillment
- Distribution
- Shipping / Receiving
- Ticketing
- Electronics & Jewelry Labeling

IP-1 SERIES - INDUSTRIAL THERMAL TRANSFER BAR CODE PRINTER

PRINTER MODEL	IP-1203	IP-1300	IP-1600
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)
Printing method	Thermal Transfer & Direct Thermal		
Max. print speed	356 mm (14")/second	254 mm (10")/second	102 mm (4")/second
Max. print width	104 mm (4.09")		
Max. print length	25,400 mm (1,000")	11,430 mm (450")	2,540 mm (100")
Enclosure	Die-cast aluminum base and frame/ Metal cover with two hinges & large clear media view window		
Physical dimension	270 mm (W) x 308 mm (H) x 515 mm (D) 10.63" (W) x 12.13" (H) x 20.28" (D)		
Weight	1.5 kg (33.07 lbs)		
Label roll capacity	208.3 mm (8.2") OD		
Ribbon	600 m long, max. OD 90 mm, 1" core (ink coated outside or inside)		
Ribbon width	25.4 mm ~ 114.3 mm (1" ~ 4.5")		
Processor	32-bit RISC CPU		
Memory	128 MB Flash memory (factory option 512 MB) 128 MB SDRAM (factory option 256 MB) SD Flash memory card reader for Flash memory expansion, up to 32 GB		
Interface	RS-232 Centronics USB 2.0 Internal Ethernet, 10/100 Mbps USB host, for scanner or PC keyboard GPIO (factory option) Bluetooth (user option) External 802.11 b/g/n Wireless (user option)		
Power	Internal switching power supply: Input: AC 100-240V, 2A, 50-60Hz Output: DC 24V, 5A, 120W		
LCD	Resistive Touch Screen, 16 bits Color, 480 x 272 pixels, with back lights		
Operation switch, button, LED	1 power switch, 6 operation buttons (Menu, Pause, Feed, Up, Down, Select) & 3 LEDs		
Sensors	Gap transmissive sensor (position adjustable) Black mark reflective sensor (position adjustable) Head open sensor Ribbon encoder sensor Ribbon end sensor		
Real time clock	Standard		
Internal fonts	8 alpha-numeric bitmap fonts Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font		
Bar code	1D bar code: Code 39, Code 93, Code 128UCC, Code 128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPCA, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Logmars 2D bar code: PDF-417, Maxicode, DataMatrix, QR code, Aztech		
Font and barcode rotation	0, 90, 180, 270 degree		
Printer language	AirTrack Firmware™ (Compatible to EPL, ZPL, ZPL II)		
Media type	Continuous, die-cut, fan-fold, tag, notched, black mark, perforated, care label (outside wound)		
Media width	25.4 ~ 116 mm (1" ~ 4.5")		
Media thickness	0.06 ~ 0.30 mm (2.36 ~ 11.81 mil)		
Media core diameter	25.4 ~ 76.2 mm (1" ~ 3")		
Label length	5 ~ 25,400 mm (0.20" ~ 1,000")	5 ~ 11,430 mm (0.20" ~ 450")	5 ~ 2,540 mm (0.20" ~ 100")
Environment condition	Operation: 5 ~ 40°C, 20 ~ 85% non-condensing Storage: -40 ~ 60°C, 5 ~ 90% non-condensing		
Safety regulation	FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TÜV/Safety, CCC, CB		
Environmental concern	Comply with RoHS, WEEE		
Accessories	Windows labeling software CD disk Quick start guide USB cable Power cord		
Limited warranty	Printer: 2 years Print head: 25 km (1 million inches) or 12 months which comes first Platen: 50 km (2 million inches) or 12 months which comes first		
Factory options	GPIO interface Mainboard with extended memory (512 MB Flash/ 256 MB SDRAM)		
Dealer options	Internal rewinding kit (Max. 6" OD) Peel-off kit		
User options	Bluetooth module (serial interface) 802.11 b/g/n Wireless module (serial interface) Regular cutter (full cut guillotine cutter) Heavy duty cutter (rotary cutter) Care label cutter (rotary cutter) KP-200 Plus keyboard display unit KU-007 Plus programmable smart keyboard		



 AirTrack

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