



Smart way to maximize your manufacturing productivity through Best-in class Industrial Label Printing solutions

TVS-E's Industrial Label Printer is designed to offer the right features at the best value in the industry. The ILP 246 features a small footprint and low profile design that fits where larger industrial printers do not. Its quiet operation and fast label throughput is equally at home, in the office or shop floor environment. The printer's all-metal construction and die-cast aluminum print engine is durable enough to withstand toughest production environments.

While priced for value, the ILP 246 offers a selection of options and accessories to further enhance its capabilities to meet the demands of a wide range of printing solutions. Standard features include USB and Serial connectivity, a 2-button 3-LED display, Real Time Clock, 8MB DRAM memory, 4MB Flash memory and an SD Flash memory card slot that allows for Flash memory expansion upto 4GB.

Popular options include a full featured graphical LCD

display, Ethernet connectivity, USB host, a peel-off kit, stand-alone keyboard, cutter module and a parallel port to work with legacy installations.

ILP 246 features TSPL-EZ firmware that is easy to set up and use. TSPL-EZ offers automatic TPLZ and TPLE language emulation right out of the box. The printer simply translates each label format as the printer receives it. Other TSPL-EZ feature include a file manager and a programming language that support stand-alone and down-time programming solutions allowing you to print labels without connection to a host computer, or optionally be able to continue printing labels during times of network failure.

The ILP 246 delivers 4" print width, 203 dpi(8 dots/mm) resolution, 6 ips performance and full 8" OD roll media handling capabilities.

- 2-button 3-LED display control panel
- Easily adjustable sensors
- Print head pressure adjustable knobs
- 450 meter ribbon capacity
- Flexible firmware structure allows the printer to emulate popular printer languages
- Upto 4GB Flash memory expansion using SD Flash memory
- Fast label throughput

ILP-246
4" INDUSTRIAL THERMAL TRANSFER LABEL PRINTER

ILP-246 MARKETS Warehousing / Distribution

- 1) Labeling for
 - Packing
 - Shipping
 - Inventory Management
- 2) Shelf / Rack labeling

Manufacturing

- Work in process labeling
- Product Marking
- Inventory Management

Compliance Labeling Healthcare

- Patient ID
- Pharmacy unit dose
- Specimen labels
- Wristband printing
- Admissions



Specifications

Resolution	203 dpi
Printing Method	Thermal Transfer and/or Direct Thermal
Max. Print Speed	6 ips
Max. Print Width	104mm (4.09")
Max. Print Length	2286mm (90")
Enclosure	Die-cast based print mechanism/Metal cover with large clear media view window
Physical Dimension	286mm (W) x 259mm (H) x 434mm (D) or 11.26" (W) x 10.20" (H) x 17.09" (D)
Weight	11 kgs
Label Roll Capacity	203.2mm (8")OD
Ribbon	450 m
Ribbon Width	40mm ~ 110mm
Processor	32-bit RISC CPU
Memory	4MB FLASH memory 8MB SDRAM
	SD Flash memory card slot for Flash memory expansion, upto 4GB
Interface	RS-232C USB 2.0
Power	Internal universal switching power supply Input: AC 100-240V Output: DC 24V 3.3A
LCD	Basic model without LCD/advanced model with Graphic type, 128x64 pixel, with back light
Operation switch, button	1 power switch, 2 buttons/6 buttons
Sensors	Position adjustable transmissive/reflective sensor Ribbon end/encoder sensor Head open sensor
Real Time clock	Standard
Internal fonts	8 alpha-numeric bitmap fonts Monotype Imaging font engine with CG Triumvirate Bold Condensed scalable font
Barcodes	All standard 1D barcodes 2D barcodes - PDF 417, Maxicode, DataMatrix, QR Code, Aztec
Font & Barcode rotation	0, 90, 180, 270 degrees
Command set	TSLP-EZ
Media Type	Continuous, die-cut, black mark, fan-fold, notch(outside wound)
Media Width	25.4 ~ 118mm (1" ~ 4.6")
Media Thickness	0.06 ~ 0.28mm (2.36 ~ 11mil)
Media Core Diameter	25.4mm ~ 76.2mm (1" ~ 3")
Label Length	5 ~ 2286mm (0.2" ~ 90") 25.4 ~ 152.4mm (1" ~ 6") for peeler mode 25.4mm ~ 2286mm (1" ~ 90") for cutter mode
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: 40 ~ 60°C, 10 ~ 90% non-condensing
Safety Regulation	FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TUV/Safety, CCC
Accessories	Windows labeling software CD disk Quick start guide USB cable Power cord Ribbon rewind spindle paper core
Factory options	Graphic Type, 128x64 pixels LCD display Internal Ethernet interface USB host (Support PC keyboard and barcode scanner) Centronics Parallel Post
Warranty	1 year

Specifications are subject to change without notice.



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