



The V-Series Plus... VALUE AND VERSATILITY IN A COMPACT DESIGN!

The V-424 PLUS AND V-434 PLUS Printers

- ◆ The THARO V-424 Plus and V-434 Plus Printers feature a small footprint to fit your work environment.
- ◆ Direct Thermal and Thermal Transfer modes are both standard on the V-424 Plus and V-434 Plus giving you the option to choose.
- ◆ Durable, impact resistant composite construction with media window for easy viewing and monitoring of remaining supplies.
- ◆ The thin film printhead provides high quality output, even with stepladder bar codes, in your choice of 203 (V-424 Plus) or 300 (V-434 Plus) DPI.
- ◆ A 300m (981') ribbon capacity and a 125mm (4.92") label roll capacity gives you the benefit of less downtime and increased production.
- ◆ Built-in USB 2.0 is standard for high-speed data transfer from your PC.
- ◆ The optional internal Ethernet Adaptor Card provides networking capability and allows you to print to your V-Series Plus printer from anywhere in the world!
- ◆ Options for the V-424 Plus and V-434 Plus include: a Cutter, an internal Ethernet Adaptor Card, a Stripper Module to sense printed labels in strip-and-peel applications and a Compact Flash Expansion Slot with Real-Time Clock.
- ◆ Each V-Series Plus printer comes with a Printer Accessory CD that contains documentation and all the software required to start printing labels.
- ◆ Start printing labels right out of the box with the included **FREE** labeling software package **EASYLABEL®** Start.
- ◆ Print from Windows, UNIX, Linux or Mac! CUPS (Common UNIX Printing System) Drivers and Windows Drivers are included on the Printer Accessory CD.



PRINTER AND PRINTHEAD WARRANTY

- ◆ The V-424 Plus and V-434 Plus printers are warrantied for 1 year.
- ◆ The V-424 Plus and V-434 Plus printers feature a 1 year or 1 million linear inch Printhead warranty.

THARO SYSTEMS, INC.

2866 Nationwide Parkway • P.O. Box 798 • Brunswick, Ohio 44212-0798 USA
800-878-6833 • 330-273-4408 • Fax: 330-225-0099 • tharo@tharo.com
www.tharo.com



Model	V-424 Plus	V-434 Plus
Resolution	203 dpi (8 dot/mm)	300 dpi (12 dot/mm)
Print Mode	Thermal Transfer / Direct Thermal	
CPU	32 Bit	
Memory	4MB Flash, 8MB SDRAM	
Print Speed	50.8mm (2") ~ 101.6mm (4")/sec	
Print Length	12mm (0.47") ~ 1727mm (68")	12mm (0.47") ~ 762mm (30")
Max Print Width	108mm (4.25")	105.7mm (4.16")
Sensor Type	Moveable Reflective sensor; Fixed transmissive; center aligned	
Sensor Detection	Type: Label gap and black mark sensing Detection: Label length auto sensing and/or program command setting	
Media	Label Roll: Max. 125mm (4.92") Core Diameter: 25.4mm (1"), 38.1mm (1.5"), 76.2mm (3") Width: 25.4mm (1") ~ 118mm (4.64") Thickness: 0.06mm (0.002") ~ 0.25mm (0.009")	
Ribbon	Length: 300m (981') Type: Ink outside thermal transfer ribbons (wax, resin and wax/resin) in widths of 30 to 110mm (1.88" to 4.33"). Core inner diameter 25.4mm (1"). Maximum ribbon roll diameter 68mm (2.67").	
Printer Language	TPL (Tharo Programming Language)	
Software	EASYLABEL® Start Microsoft Windows Drivers, CUPS (Common UNIX Printing System) Driver	
Resident Fonts	11 resident alphanumeric fonts (including OCR A & B), are expandable eight times horizontally and vertically. Scalable Font (Code Page 850 & 852)	
Downloadable Fonts	Windows Bit-map fonts, TrueType fonts and Asian fonts	
Image Handling	BMP and PCX	
Bar Codes	Code 39, Code 93, Code 128 (subsets A, B, C), UCC/EAN-128, UPC-A, UPC-E, UPC and EAN 2 or 5 digit extensions, I 2 of 5, EAN-8, EAN-13, Codabar, Postnet, DUN 14, MaxiCode, Plessey, Telepen, FIM, China Postal Code, RPS 128, PDF417, Data Matrix & QR Code	
Interfaces	RS-232 Serial (Baud rate 4800 ~ 115200, XON/XOFF, DSR/DTR) USB Parallel	
Control Panel	Two Bi-color LEDs: Ready and Status Function Key: FEED	
Power	Auto Switching 100/240VAC, 50/60 Hz	
Environment	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.	
Printer Dimensions	Length: 285mm (11.2") Height: 171mm (6.8") Width: 226mm (8.9") Weight: 2.72Kg (6.0 lbs)	
Options	Cutter Stripper Sensor Module Compact FLASH Card Slot module with Real-Time Clock Internal Ethernet Adapter or Wireless Ethernet Adapter External Label Stand EASYLABEL Silver, Gold, Platinum or Multi-User	