



VIAJet L Series

Data Sheet V1.0



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Thermal Ink Jet Performance at Industrial Speeds

Powered by MPERIA™, the most versatile and powerful print management platform, the VIAJet™ L-Series thermal inkjet printer provides high print resolution at over 1200 feet per minute (366 m/min), nearly twice as fast as previous thermal ink jet systems. The VIAJet™ L-Series has inks for both porous and non-porous applications and is proving to be a cost effective alternative to thermal transfer and continuous ink jet printing as well as adhesive labels. An advanced nozzle design reduces ink consumption costs and improves uptime. Changeover is easy as snapping in a new cartridge. For applications using high ink volumes, the VIAJet™ L-Series Bulk Ink System will meet your needs. The VIAJet™ L-Series Bulk Ink Supply Bulk allows you to significantly lower your cost per mark and allows you to print for a much longer period of time without stopping for changeover.

The VIAJet™ L-Series thermal inkjet printheads are powered by the MPERIA™ platform. The MPERIA™ controller effectively manages messages and settings for multiple printers across one or several production lines or packaging locations. An extensive selection of pre-formatted and configurable counters, batch controls, user-defined text fields, and barcode symbologies makes message creation and selection a breeze with the intuitive, touch screen interface. Seamless integration with ERP/MRP/WMS systems helps to reduce coding errors. Best of all, MPERIA™ is expandable, allowing you to add other print heads or print technologies, as needed, making your system investment secure.

- High resolution images up to 2" per head
- Simple touch screen interface
- Porous and non-porous inks in various colour
- Scalable solution for one head or many
- Bulk Ink Supply available

VIVA Jet L Series

Technical Specification

	No. OF INK CARTRIDGES	MAX PRINT HEIGHT	MAX PRINT SPEED (@75 DPI)	MAX PRINT DISTANCE	MOUNTING ORIENTATION	PRINT HEAD DIMENSIONS
L12	1	1/2" (12.7 mm)	1600 feet/min (488 m/min)	1/4" (6.4 mm)	Horizontal or Down	3.4" W x 5.1" H x 8.3" D (87 x 129 x 210 mm)
L25	2	1" (25.4 mm)	1600 feet/min (488 m/min)	1/4" (6.4 mm)	Horizontal or Down	5.2" W x 5.1" H x 8.3" D (133 x 129 x 210 mm)
L50	4	2" (50.8 mm)	1600 feet/min (488 m/min)	1/4" (6.4 mm)	Horizontal or Down	8.8" W x 5.2" H x 8.3" D (224 x 133 x 210 mm)
OPERATING TEMP & HUMIDITY	Ink dependent. Approximately 50-104° F (10-40° C) 10-95% RH (non-condensing) for water based ink.					
ELECTRICAL	96-264 VAC, 50-60Hz, 0.5-1A via adapter or 24VDC 90W Filtered power					

MPERIA™ PLATFORM	
MPERIA™ Controller	<ul style="list-style-type: none"> - Controls multiple production lines - Available in 7"-15" - Mix multiple print technologies - On-board image editor - Stack print heads for extra print height - Virtual simulator - Touch screen interface - Intuitive program design - Built-in database - Windows/CodeSoft driver - IP30/IP65 versions - TrueType fonts, grayscale - Simple message creation & editing color images - Guided installation/config - Multilanguage w/ full BIDI - Application specific plug-ins support - Password protected user levels - Troubleshooting/maintenance screens - Virtually no storage limits for number of messages/logos, message lengths, types of barcodes and time codes, etc.
Communications & Networking	<ul style="list-style-type: none"> - Ethernet based with advanced connectivity possibilities for ERP systems, computers, and PLC's. - Remote User Interface control via VNC.
Print Capabilities	<ul style="list-style-type: none"> - Static and dynamic text fields VIAjet™ L-Series L12 Print Head - Logos - Date and time clocks - Suquential and batch counters - TrueType fonts with density settings - Bi-directional printing - Barcodes (ITF, ITF-14, Code 39, EAN8, EAN13, UPC-A, Code 128, GS1-128, GS1-Databar, GS1-Datamatrix, QR Codes)

Inks
<ul style="list-style-type: none"> - Single-use cartridges and bulk ink supply - Water-based and solvent-based for porous and non-porous surfaces - Multiple colors available

Options
<ul style="list-style-type: none"> - Photocell - Encoder - Mounting clamps & stands - Hand scanner - Warning light - Bulk ink delivery system



L-Series Bulk Ink System



MPERIA™ Standard H.E. (IP65 Rating)