VIAjet™ L SERIES

Thermal Inkjet 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 (600 x 600 dpi) at over 200 feet per minute (60 m/min), nearly twice as fast as pervious thermal ink jet systems. The VIAjet™ L-Series has inks for both porous and non-porous applications and proving to be 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 new cartridge. For applications using heavy ink volumes, the VIAjet™ L-Series Bulk Ink System will meet your needs. The VIAjet™ L-Series Bulk Ink Supply allows you to print twice as fast and your cartridge can last twice as long.

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 colors

- Scalable solution for one head or many

- Bulk Ink Supply available

Ink-Jet Printing | Contact Printing | Indenting | Etching | Laser | Inks | Integrated Solutions | Software

MARSH MICRO SYSTEMS

Matthews Marking Systems™

VIAjet™ L-Series

Technical Specifications

	NUMBER 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" (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" (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" (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[1]

- Controls multiple production lines
- Mix multiple ink jet technologies
- Stack print heads for extra print height
- Touch screen interface
- Built-in database
- IP20/IP65 versions
- Network ready
- Simple message creation & editing
- Application specific plugins
- Password protected user levels
- Troubleshooting/maintenance screens
- Virtually no storage limits for number of messages/logos, message length, types of barcodes and time codes, etc.

- Available in 7"-15"[2]
- On-board image editor
- Virtual simulator
- Intuitive program design
- Windows/Codesoft driver
- TrueType fonts, grayscale color images
- Guided installation/config
- Multilanguage with full BIDI support

Communications & Networking

- Ethernet based with advanced connectivity possibilities for ERP systems, computers, and PLC's.
- Remote User Interface control via VNC.
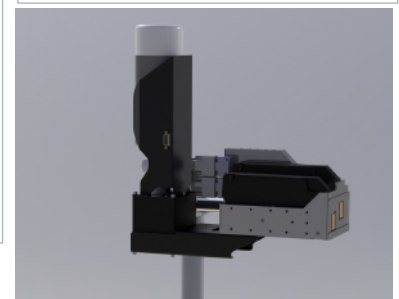
Print Capabilities

- Static and dynamic text fields
- Logos
- Date and time clocks
- Sequential and batch counters
- True type 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

- Single-use cartridges and bulk ink supply
- Water-based and solvent-based for porous and non-porous surfaces
- Multiple colors available

OPTIONS

- Photocell
- Encoder
- Mounting clamps & stands
- Hand scanner
- Warning light
- Bulk ink delivery system

L-Series Bulk Ink System

(1) Find detailed information about our MPERIA™ controllers on the MPERIA™ controller data sheet.
(2) 15" version has a higher IP rating for harsh environments (IP65)

MPERIA™ Standard HE

VIAjet™ L-Series L12 Print Head

s without giving prior notice.