



VIAJet™ L Series

Data Sheet V1.0



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Thermal Ink Jet Performance at Industrial Speeds

A cost effective and reliable alternative to labels.

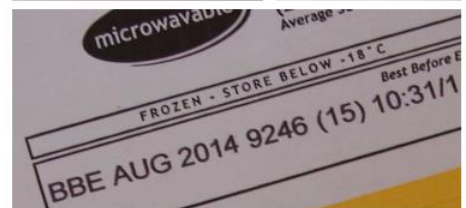
The VIAJet™ L-Series high resolution printers represent the latest industrial ink-jet technology available. The system provides exceptional print resolution and versatility along with unparalleled levels of readability. Ideal for printing on porous and non-porous materials, the L-Series printheads perform in a comprehensive range of challenging packaging and industrial environments, such as the coding of outer cases, cartons, coated and uncoated media, bags, timber and construction products.

The L-Series high resolution printheads are operated by the new VIAJet™ platform. VIAJet™ makes message programming simple and helps manage multiple production lines and printhead groups from a single interface.

The printer is capable of printing scalable Windows TrueType fonts and the EZ Touch user interface allows for simple and intuitive creation and selection of messages including alphanumeric text, logos, graphics and barcodes.

As a cost effective and reliable alternative to labelling and other printing technologies, the L-Series offers numerous features and benefits including:

- High resolution images up to 2" per head
- Stand alone operation as well as advanced networking capabilities, including effortless integration with ERP/MRP or WMS systems
- Image display for individual production lines
- High print speeds
- Excellent throw distance
- Compact modular design for easy integration at the line
- Safe, non-pressurised disposable ink cartridges



VIAJet™ L Series

Technical Specification

HEAD TYPE	No. OF INK CARTRIDGES	MAX PRINT HEIGHT	MAX PRINT SPEED (@75 DPI)	MAX PRINT DISTANCE	MOUNTING ORIENTATION	PRINT HEAD DIMENSIONS
L12	1	12 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	25 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	50 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)

MPERIA™ PLATFORM	
PRINthead DIRECTION	Bi-Directional
NETWORKING	Master Mode, Ethernet, USB, RS232
MESSAGE AND OBJECT STORAGE	Memory Dependent, Standard is 4GB (average message size is 40KB)
BARCODES	ITF, ITF14, Code 39, EAN8, EAN13, UPC-A, PDF147, Code128, GS1-128, SCC14, Data Matrix, QR Code, Configurable with dynamic data
ELECTRICAL	50-60Hz switch mode, power supply; 110-240 VAC at 0.8 A
USER INTERFACE	Standard Linux platform Built-in CSV Database Network ready Intuitive Program Design Simple message creation and editing On-board graphics utility Prints TrueType fonts Virtual Network Computing (VNC)
PCM OPTIONS	7", 12" or 15" control panel with touchscreen interface
PRINT TECHNOLOGY	Thermal drop on demand
DROP VOLUME	24pL
PRINT SPEED	600dpi = 61m/min 300dpi = 122m/min 150dpi = 244m/min 75dpi = 480m/min
THROW DISTANCE	Up to 6.0mm for 2D codes, >10mm for larger text

Inks
-Water based -Pigment -Non-pigment

Ink System
-Low level alarm on printhead and PCM -Safe non-pressurised cartridge -Clean disposable cartridge

