



Viacode L Series

Thermal Inkjet Performance at Industrial Speeds

Enabled by Viacode, the most versatile and powerful print management platform available, the new L-Series printer provides high native print resolution (600 x 600 dpi) at over 200 feet per minute (60 m/min), nearly twice as fast as previous thermal inkjet systems. The L-Series has inks for both porous and non-porous applications and challenging substrates and is a cost-effective alternative to thermal transfer printing and adhesive labels. An advanced nozzle design reduces ink consumption costs and improves uptime. Changeover is as easy as snapping in a new cartridge. No maintenance. No repairs. Improved productivity. Simple!

The Viacode print control module 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, Viacode is expandable, allowing you to add other print heads or print technologies, as needed, making your system investment secure.

**Matthews
Marking**

Systems



- 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



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Viacode L-Series

Technical Specifications



	NUMBER OF INK CARTRIDGES	MAX PRINT HEIGHT	MAX PRINT SPEED (@75 DPI)	MAX PRINT DISTANCE	MOUNTING ORIENTATION	PRINTHEAD 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" L (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" L (133 x 129 x 210 mm)
L50	4	2" (50.8 mm)	1200 feet/min (365 m/min)	1/4" (6.4 mm)	Horizontal or Down	8.8" W x 5.2" H x 8.3" L (224 x 133 x 210 mm)

VIACODE PLATFORM	
Print Control Module (PCM)	<ul style="list-style-type: none"> – Touch screen interface – Built-in CSV database – IP20, IP65 rating – Network ready – Simple message creation & editing – Application specific plugins – Available in 7", 12", 15" sizes – On-board image editor – Virtual simulator – Intuitive program design – Windows print driver
Communications & Networking	<ul style="list-style-type: none"> – Ethernet – RS232 – USB – Virtual network computing (VNC)
Print Features	<ul style="list-style-type: none"> – 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-Datatar, GS1-Datamatrix, QR codes)
Electrical	– 100-240 VAC, 50-60 Hz, 0.8 A
Operating Temperature	– 50-104° F (10-40° C)
Humidity	– 10-95% RH (non-condensing)
Message & Object Storage	– 4 GB, (200 MB for 7" models) (average message is 40 kB)
Max Number of L-Series Cartridges that can be Controlled	– 8 (4 for 7" models)

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 – Colors: Black, Red, Green, Blue, Purple, Brown

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



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For more info about product ID solutions and materials handling from Raab Sales, contact us at:

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