



DATASHEET

VIAjet™ VIApack

HIGH-RESOLUTION THERMAL INKJET PRINTERS

Increase your productivity with a complete thermal inkjet (TIJ) system right out of the box. Easily add capacity to your production line to meet increased demand or improve your marking efficiency with VIApack.

Ideal Applications

- + Primary, secondary, and tertiary packaging lines of any size
- + Single and multi-line text, 1D and 2D barcodes, logos, and graphics
- + Fixed and variable data, including date/lot codes, serialization, GS1

Advantages

- + Complete TIJ marking system right out of the box
- + Straight-forward installation with everything needed to be up and printing in no time
- + True 600 dpi marking at 200 ft/min (60 m/min)
- + Cartridge based printheads mean virtually no maintenance
- + Complete upgrade path for MPERIA® protects your investment when growth means more capability is needed

Increase Production Line Efficiency

- + Centralize marking and coding control with the industry's only true universal controller, MPERIA
- + Smoothly transition from stand-alone marking to automated data flow
- + Add marking technology and systems without middleware

BEST IF USED BY:
01/01/2025

L12 mark on chipboard

LS BLACK
LS BLUE
LS GREEN
LS RED
LS BROWN
LS PURPLE

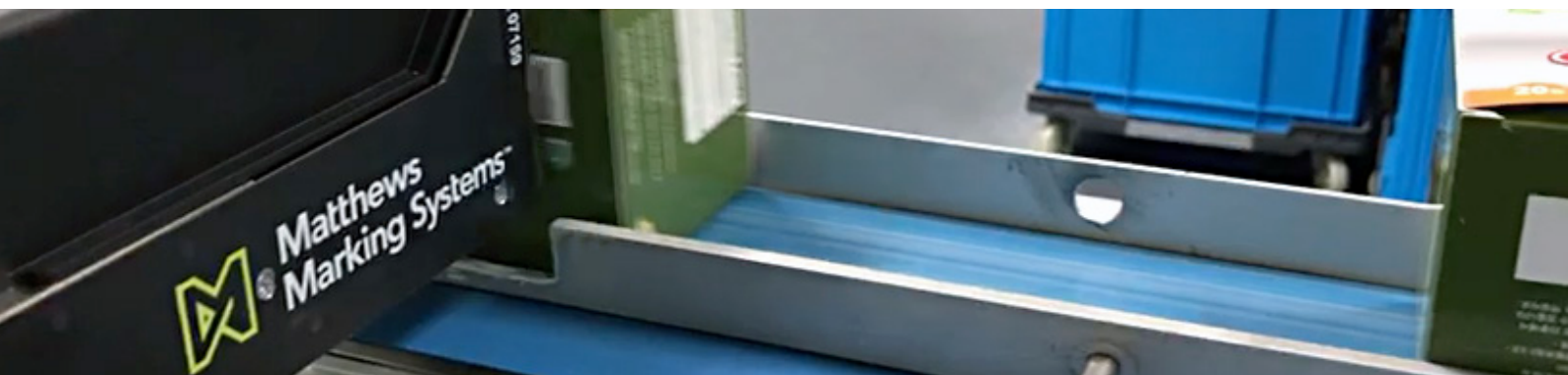
L12 marks on kraft brown corrugate



L12 mark on plastic label



L12 mark on white corrugate



VIApack Technical Specs

Operating Temperature and Humidity

- + Ink dependent ⁽¹⁾

Inking System

- + Single-use cartridges and bulk-ink
- + Water-based and fast drying solvent-based inks, including MEK
- + Multiple color options

Electrical

- + L12: 96-264 VAC, 50-60 Hz, .8A
- + MPERIA Lite: 100-240V, 50/60 Hz, 1A

IP Rating

- + L12: IP30
- + MPERIA Lite: IP55

Print Capabilities

- + TrueType fonts with unique ink saving print density and object color settings
- + Cost per mark and ink usage calculator
- + Static, dynamic, and user-editable variable fields
- + Customizable date and time codes, sequential and batch counters
- + 1D barcodes (GS-128, GS1 DataBar, EAN-8/13, UPC-A, ITF/ITF-14, Code 39/128)
- + 2D codes (GS1-Data matrix, Data matrix, QR and Micro QR code, PDF417)

Upgrade Options

- + MPERIA Select adds barcode scanning
- + MPERIA Connect activates Ethernet for external communication and automatic data flow
- + MPERIA Portal adds remote control and monitoring via VNC
- + VIApack Expand adds support for an additional L12 printhead for double-sided printing as well as Active Bulk Ink System (ABIS) support

	Number of ink cartridges	Maximum print height	Maximum print speed @75 dpi ⁽²⁾	Maximum print speed @600 dpi	Printing direction	Printhead dimensions
L12	1	1/2" (12 mm)	1,600 ft/min (488 m/min)	200 ft/min (60 m/min)	Horizontal or down	3.4" x 5.1" x 8.3" (WxHxL) (87x129x210 mm)

MPERIA Lite

- + Intuitive 8" touchscreen user interface
- + Simple transfer of messages from PC via USB or direct via Ethernet (with MPERIA Connect upgrade)
- + Standard M12 serial port, 1 USB port, 2 Ethernet ports (1 power/printer network, 1 external network)
- + Reduce operator errors with simple message selection and real-time preview
- + Multiple upgrades to grow as your requirements change

Package Contents

- + 8" MPERIA Lite controller
- + VIAjet L-Series L12 1/2" (12 mm) TIJ printhead
- + Photocell
- + Mounting brackets
- + MPERIA® Creator: Windows-based message creator
- + Power supply
- + Manuals and software

Hardware Options

- + 1 additional VIAjet™ L-Series L12 for doublesided printing⁽³⁾
- + Encoder
- + Hand scanner
- + Warning light
- + Bulk ink delivery system⁽³⁾



⁽¹⁾ Typically 50–104 F/10–40 C, 10–80% RH (non-condensing) for water-based inks. ⁽²⁾ Multiple printheads can be linked to increase print speed by 2x–4x.

⁽³⁾ Requires VIApack expand license.