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
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: 100-240V, 50/60 Hz, 1A

**IP Rating**
- L12: IP30
- MPERIA Controller: 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)

**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**

| L12 | 1 |

**Maximum print height**

| L12 | 1/2” (12 mm) |

**Maximum print speed @75 dpi (2)**

| L12 | 1,600 ft/min (488 m/min) |

**Maximum print speed @600 dpi**

| L12 | 200 ft/min (60 m/min) |

**Printing direction**

| L12 | Horizontal or down |

**Printhead dimensions**

| L12 | 3.4”x5.1”x8.3” (WxHxL) |

**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 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.