

# VIAjet™ L-Series

HIGH-RESOLUTION THERMAL INKJET PRINTERS POWERED BY MPERIA®

**Unrivalled Quality, Speed and Scalability**



# PRINT VARIABLE DATA, SIMPLE TEXT AND GRAPHICS AT UNPRECEDENTED SPEEDS

MPERIA® VIAjet L-Series thermal inkjet printers produce precise marks at extraordinary speeds; keeping your products in compliance while ensuring your brand puts its best foot forward. Regardless of what you need to print on, our high-performance inks mark on almost any surface, even in fast-dry applications.

## High-Speed Quality

- + Twice as fast as competitive systems, up to 3200 ft/min\*
- + True 600 dpi resolution at 200 ft/min for incredibly crisp, clear marks
- + Superior in-house ink engineering and custom ink development ensures unparalleled performance on your substrates



## Downtime Reduction

- + Cartridge based printheads means virtually no maintenance
- + Cartridges and printheads can be swapped in seconds, keeping your line running
- + Active bulk ink supply keeps your line running non-stop, for less



## Reliable Scalability

- + Easily grow from one printhead on your line to multiple printheads on additional lines all driven by one controller
- + Seamlessly integrate print verification and validation without expensive middleware
- + Prevent integration headaches and complexity with a single interface controlling your printheads and 3rd party coding technologies



\*Speed achievable when interlacing L1 printheads.

# Introducing MPERIA®, a Truly Universal Controller

- + Eliminate human error and rework; message and code automation all handled through an intuitive interface
- + Grows with your business; whether adding more production lines or multiple plant locations
- + Reduce complexity by removing unneeded middleware and 3rd party providers
- + Achieve next level productivity; seamlessly connect to your business systems



## L-Series Print Heads

### L12

Print height: ½" (12 mm)



### L25

Print height: 1" (25 mm)



### L50

Print height: 2" (50 mm)



**UNRIVALED PRINT SPEED** up to 3,200 ft/min (975 m/min)\*  
**MOUNTING FLEXIBILITY** provides the print where you require  
**INCREDIBLY CRISP AND CLEAR** high-resolution print



### L1

Print height: ½" (12 mm)

- + Prints-per-second: over 500 unique QR codes
- + Perfect for tight spaces and OEM integration



### VIApack

Print height: ½" (12 mm)

- + Complete basic system right out of the box

\*Speed achievable when interlacing L1 printheads.



# Our Inks

We take pride in engineering high-performance inks and being experts in knowing your industry needs. From water-based solutions in color options to solvent-based inks that are FDA-approved, we can provide the right ink for your application.

- + Water-based
- + Solvent-based
- + Various colors available
- + Single-use and bulk delivery options
- + MEK inks, for every tough non-porous application



| L-SERIES PRINTHEAD | NUMBER OF INK CARTRIDGES | MAXIMUM PRINT HEIGHT | PRINTHEAD DIMENSIONS (WxHxL)    | MAXIMUM PRINT SPEED @ 75 DPI | MAXIMUM PRINT SPEED @ 600DPI | MAXIMUM PRINT DISTANCE | PRINTING DIRECTION |
|--------------------|--------------------------|----------------------|---------------------------------|------------------------------|------------------------------|------------------------|--------------------|
| L1                 | 1                        | 1/2" (12 mm)         | 3.6"x1.6"x5.6" (92x42x143 mm)   | 1,600 ft/min (488 m/min)     | 196 ft/min (60 m/min)        | 1/4" (6.4 mm)          | Horizontal or down |
| L12                | 1                        | 1/2" (12 mm)         | 3.4"x5.1"x8.3" (87x129x210 mm)  |                              |                              |                        |                    |
| L25                | 2                        | 1" (25 mm)           | 5.2"x5.1"x8.3" (133x129x210 mm) |                              |                              |                        |                    |
| L50                | 4                        | 2" (50 mm)           | 8.8"x5.2"x8.3" (224x133x210 mm) |                              |                              |                        |                    |



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