Matthews Marking Systems™

MPERIA® OEM

Optimized for machine builders wanting to integrate marking and coding equipment in their production line and require a robust, reliable and cost efficient solution. Matthews is offering a unique solution with a common controller regardless of print technology required for specific machines. This makes it possible to choose print technology depending on the specific requirement for each customer with a single integration as it uses the MPERIA® multiple technology platform as control interface.

VIAjet L-Link

The MPERIA® L-Link is the driver module for up to 4 of Matthews' small form factor L-Series L1 printheads. The L-Series is a unique 600 DPI high-resolution cartridge-based thermal inkjet system that is capable of providing a very high quality 1/2 inch (12.5 mm) mark at extreme print speeds. Twice as fast as most competitor systems, a single printhead can reliably print 300 DPI 2D codes up to 488m/min (1600 ft/min) which makes it the perfect match for high-volume, high-speed serialization applications. The cartridge-based system provides a compact and clean solution with minimal maintenance.
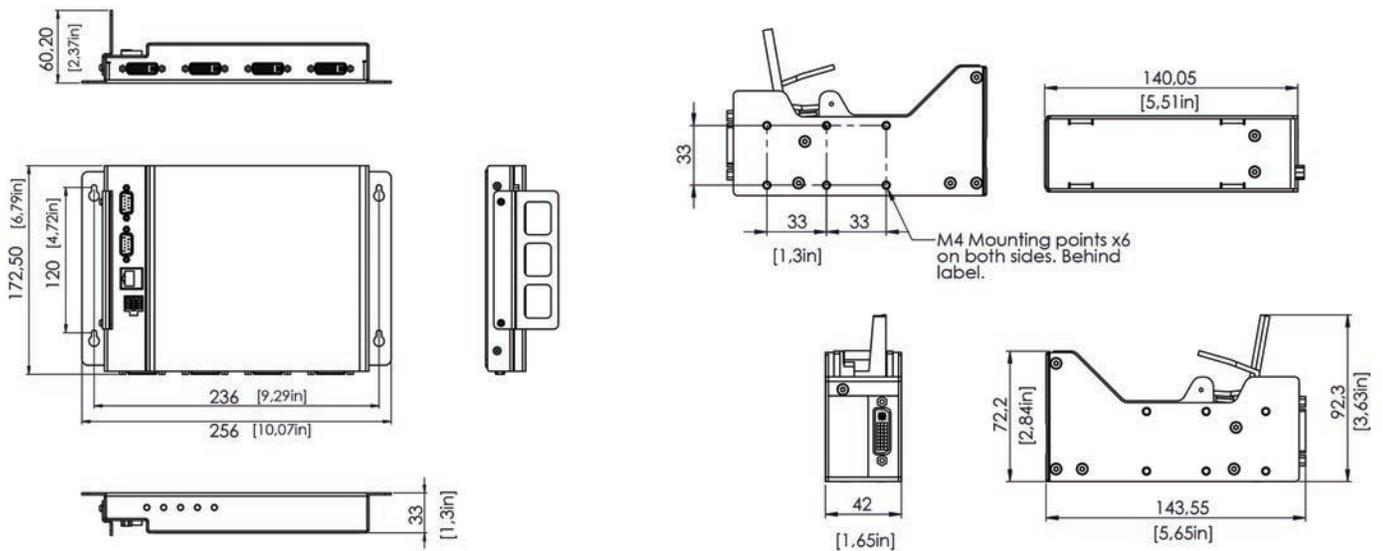
Control Interface

+ MPERIA® OEM Controller that can either be mounted separately or mounted directly on the L-Link

+ MPERIA® Standard or Lite controller with touchscreen UI

Mounting Options

+ Wall/panel mount

Printheads

+ Up to 4 thermal inkjet Viajet™ L1

+ 12.5 mm (0.5 inch) cartridge-based with up to 600 DPI resolution

+ Print speed up to 488 m/min (1600ft/min)

+ Multiple printheads can either be stacked vertically for larger print height or horizontally for redundancy operation

+ Maximum distance from the L-Link to printhead is 2 m

Kg				IP	
1,4kg 3 lbs	0,44kg 1 lbs	100-240VAC 50-60Hz 1A	24VDC 3,75A	IP30	IP30
10-40°C 50-104°F	Rh 10-90% non condensing				