

# DATASHEET

# **∨ı**∧pack

VIApack is a complete and affordable thermal inkjet printing system for industrial and packaging marking applications, such as batch codes, date codes, fixed and variable texts, graphics and barcodes. This simple system includes everything you need to be up and printing in minutes: the powerful universal print controller MPERIA®, a thermal inkjet printhead, power supply, photocell, Ethernet cable and mounting hardware. In addition to VIApack hardware, bulk ink hardware packages are available.

MPERIA® offers a wide selection of common barcode symbologies, TrueType fonts with print color density setting, pre-formatted counters and user-defined variable data, printed in real time. Both porous and non-porous inks are available, making MPERIA® a versatile solution for marking onto corrugated, chipboard, clay-coated cartons and some plastics. When your requirements change or require more capability, MPERIA® preserves the value of your investment by enabling a complete upgrade path. Printheads can be added. Controllers can be networked. Add an on-board message editor, import databases or enable Virtual Network Computing (VNC). MPERIA® allows you to tailor a system to meet your needs.

## **VIApack Technical Specifications**

#### **Package Contents**

- 7" (177mm) VIApack controller
- VIAjet<sup>™</sup> L-Series L12: 1/2" (12.7 mm) printhead
- Photocell
- Mounting brackets
- MPERIA<sup>®</sup> Creator: Windowsbased message creator
- Power supply
- Manuals & software

#### Inks

- Water- and solvent-based (including fast drying MEK) for porous and non-porous surfaces
- Various colors available

#### **Hardware Options**

- 1 additional VIAjet<sup>™</sup> L-Series L12 for doublesided printing
- Encoder
- Hand scanner
- Warning light
- Bulk ink delivery system\*

#### FEATURES

- + Up to 1/2" print height (12.7 mm)
- + High-resolution print (600 x 600 dpi) at over 196 ft./min (59.74 m/min)
- + High-speed print (600 x 75 dpi) at 1,660 ft./min (488 m/min)
- + Cartridge technology: fast changeovers, no maintenance
- + Ink options for porous and non-porous, including water-based, alcohol, and MEK-based inks
- + Easy to install bundled package with controller, printhead, mounting and photocell all in one—ready to print on any substrate







	Basic Package	Upgrade Options		
	<ul> <li>+ Easy to use 7" (177 mm) multilingual touchscreen interface</li> </ul>	<ul> <li>MPERIA<sup>®</sup> Editor: Easy to use on-board message editor</li> </ul>		
Controller	<ul> <li>Operator error reduction via simple message selection with real-time print preview MPERIA<sup>®</sup> Creator: Powerful Windows-based message editor</li> </ul>	+ MPERIA <sup>®</sup> Select: Barcode scanner for printout selection		
	+ Simple transfer of messages from desktop PC via USB or direct from optional Ethernet network			
Communications & Networking	+ RS232 Serial Port	<ul> <li>MPERIA<sup>®</sup> Connect: Activates built-in Ethernet port for external communication and message transfer.</li> </ul>		
		<ul> <li>MPERIA<sup>®</sup> Portal: Remote control and monitor via VNC</li> </ul>		
Print	<ul> <li>High-speed, high-resolution 0.5" (12.7 mm) print height from a single printhead</li> </ul>	+ VIApack Expand: Add additional VIAjet™ L-Series L12 printheads		
Features	<ul> <li>TrueType fonts with unique ink savings print density and object color settings</li> </ul>	for double-sided printing		
	+ Online cost per mark and ink usage calculator			
	+ Static and dynamic text fields			
	+ User-editable variable fields			
	+ Customizable data and time codes			
	+ Customizable sequential and batch counters			
	+ Barcodes (GS1-128, GS1 Databar, EAN–8/13, UPC–A, ITF/ITF–14, Code39/128) 2D codes (GS1-Datamatrix, Datamatrix, QR, Micro QR)			

	Number of ink cartridges		Min. print height	Max. p spee		Max. print distance	Mounting orientation	Printhead dimensions	Electrical and operating temperatures and humidity		IP Rating
L12	1		0.5" (12.7 m	n) 1,600 ft, (488 m/		0.25" (6.4 mm)	Horizontal or down	3.4" x 5.1"x 8.3 (87 x 129 x 210 mm) (W x H x L)	96 - 264 VAC, 50 - 60 H tely 50 - 104 ° F (10 - 4) (non-condensing) fo	0°C)* 10-95 % RH	IP30
MPERIA <sup>®</sup>		Scr	een Size	USB Ports	Supports		Electrical and operating temperatures and humidity		IP Rating		
			7"	2	1 V	Ajet™ device	96-264V	50/60Hz 1A	IP42		

\*Requires VIApack expand license



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