VIApack

Value, Vision, Versatility – VIApack

Introducing VIApack, a complete and affordable thermal ink jet printing system for industrial marking applications, such as batch codes, date codes, fixed and variable text, graphics and barcodes. This highly featured company system includes everything you need to be up and printing in minutes: the powerful universal print controller, MPERIA™, an industrial thermal ink jet print head, power supply, photocell, Ethernet cable, and mounting hardware. In addition to VIApack hardware, optional 24 cartridge ink start pack and bulk ink hardware packages are available.

MPERIA™ offers a wide selection of common barcode symbologies, TrueType fonts with density setting, preformatted 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. Print heads can be added. Controllers can be networked. Add an on-board message editor, import databases, or enable virtual network computing. MPERIA™ allows you to tailor a system to meet your needs.

- Up to 1/2" print height (12.7 mm)
- High resolution print (600 dpi) at over 200 ft/min or 60 m/min
- Cartridge technology: fast changeovers, no maintenance
- Ink options for porous and non-porous substrates
- Convenient, bundled package – ready to print

Ink-Jet Printing | Contact Printing | Indenting | Etching | Laser | Inks | Integrated Solutions | Software

VIApack
Technical Specifications

	NUMBER OF INK CARTRIDGES	MAX PRINT HEIGHT	MAX PRINT SPEED (@75 DPI)	MAX PRINT DISTANCE	MOUNTING ORIENTATION	PRINTHEAD DIMENSIONS	ELECTRICAL, OPERATING TEMPS, & HUMIDITY
L12	1	1/2" (12.7 mm)	1600 feet/min (488 m/min)	1/4" (6.4 mm)	Horizontal or Down	3.4" W x 5.1" H x 8.3" L (87 x 129 x 210 mm)	96-264 VAC, 50-60 Hz, 0.8A Approximately 50-104° F (10-40° C)* 10-95% RH (non-condensing) for water based ink

*Ink dependent:

VIApack Controller	BASIC PACKAGE	UPGRADE OPTIONS
Controller	– 7" touch screen interface – Simple WYS/WYG message selection – Desktop message editor (USB) or network (optional) – Serial port external interface – Intuitive program design – Easy message transfer via USB – Future proof and field upgradeable – USB	– On-board message editor (ViaEdit) – Barcode scanner support (ViaSelect) – Application specific plugins (ViaApp)
Communications & Networking	– USB for backup and message – RS232/RS422 Serial port	– Ethernet adapter for external ethernet communication and message transfer (MPERIA™ Connect) – Remote UI control via VNC (MPERIA™ Portal)
Print Features	– TrueType fonts with unique ink saving density and object color settings – Static and dynamic text fields – Logos – Date and time clocks – Sequential and batch counters – Bi-directional printing – Barcodes (ITF, ITF-14, Code 39, EAN8, EAN13, UPC-A, Code 128, GS1-128, GS1-Databar, GS1 Data matrix codes) – 1 single L12 print head – 100-240 VAC, 50-60Hz, 0.8A – 50-104° F (10-40° C) – 10-95% RH (non-condensing)	– Drive an additional L12 print head (VIAPack Expand)
IP Rating	– IP30	

PACKAGE CONTENTS

– 7" VIApack controller
– VIAjet™ L-Series 1/2" printhead (12.7 mm)
– Photocell
– Mounting brackets
– MPERIA™ message editor
– Power supply
– Manuals & software

OPTIONS

– Encoder
– Hand scanner
– Warning light
– Bulk ink delivery system

INKS

– Water-based and solvent-based for porous and non-porous surfaces
– Various colors available

VIAjet™ L-Series L12 1/2" printhead

7" Touch Screen Controller with MPERIA™ Software

Ink cartridge

Matthews Marking Systems™