Videojet® PrintMail WideArray Series Printers
Digital Imaging Systems

Flexible High Quality Digital Imaging to Expand Your Variable Print Capabilities

- **High resolution capability enables use in wide variety of addressing and promotional print applications**

- **Ultimate flexibility in head and controller configuration enables adaptation to changing print job demands – Print 2" to 16" (5.1cm to 40.6cm)**

- **Powerful yet intuitive front end for quick and accurate layout and setup**

- **Based on HP technology for high reliability and simple maintenance**

Go Beyond Just Simple Addressing

With high resolution (600 dpi) print capability and expandable printhead configurations from 2" to 16" (5.1cm to 40.6cm), the PrintMail WideArray can efficiently print out a basic 8 line address, but it can be used for so much more. Expand your shop's capabilities and take on new clients by being able to print promotional messages and coupons, include eye catching graphics, add spot color and even print complete documents and statements with the print quality your customers are demanding.

Flexibility to Meet New Challenges

Daisy chainable controller structure provides the ultimate ability to adapt to changing demands. For example, use the system as a 6" (15.2cm) printer for one job and then separate 4" (10.2cm) and 2" (5.1cm) printers for subsequent jobs. WYSIWYG job layout software is both intuitive to use and highly powerful, with features such as PDF print proofing, job preflighting, conditional bitmap handling and a variety of TrueType® fonts and built-in bar codes. The ability to natively handle all typical data formats enables no risk, and no additional work transition of your existing files.

Print System Optimization

The PrintMail WideArray performance is optimized when used with Videojet paper handling equipment which offers unmatched performance in vacuum transport and friction feed technology. The printer can also be configured to print directly on webs or to add variable data in combination with continuous form laser printers.

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Flexible High Quality Digital Imaging

Technology You Can Count On

Built around tried and true HP thermal inkjet technology, the PMWA sets the benchmark for ease of use and maintainability. Multiple ink sets are available in black, versatile black, and PMS spot colors, as well as alcohol based inks for use on glossy surfaces. Ink comes in standard HP cartridge form for maximum flexibility, or in a manifold system that feeds all printheads for less operator interaction and even further reduced operating costs.

Videojet TotalSource® Service

The **Total**Source program is the finest and most complete technical support system in the business. With everything from expert applications assistance, operator training and a full spectrum of maintenance services, the **Total**Source program ensures total customer satisfaction. **Support when you need it**

SPECIFICATIONS

Controller & Software

Computer Requirements (*Computer not included with printer*)**:** Dell Optiplex GX150 or equivalent using Intel Chipsets; Pentium III 1Ghz or better with 256K Ram; *Operating System:* Windows 2000 with Service Pack 2 or Windows® XP Service Pack 1 with software greater than 1.4.2.0.; File Structure NTFS, with a 10 GB Hard Drive; CD-ROM Drive; Monitor, Keyboard and Mouse

Network Connection: 10/100 Mb Ethernet and IEEE 1394 (Firewire)

Firewire NIC Requirements: Fully compliant with PCI 2.1, OCHI 1.0, and current IEEE 1394 specifications

Layout Software: Windows 2000 or XP based with WYSIWYG representation of the print area layout (standard)

- Unlimited unconditional bitmaps
- 24 international languages
- View data live in spreadsheet format
- PDF proofing
- Preflight data verification
- Variable data justification
- Rich Text Formatting (Paragraph formatting and wrapping, mixed fonts, etc.)
- All Unicode pages supported

Data Formats: CSV, Variable fixed length fields, Access (.mdb) and FoxPro (.dbf), Scitex Fixed, Text I, Text II, Custom

Print Specifications

Resolution/Print Speed:
- 600 dpi x 600 dpi @ 125 fpm
- 600 dpi x 300 dpi @ 250 fpm
- 600 dpi x 150 dpi @ 500 fpm

Print Height: 2" to 16" (5.1cm to 40.6cm) by combining the applicable 2" (5.1cm) and 4" (10.2cm) printheads and controllers

Graphics: Downloaded monochromatic bitmaps (Fixed and Conditional) in standard .bmp format

Fonts: Windows TrueType fonts

Bar Codes: Postnet, Planet Code, UPC, EAN 128, Interleaved 2 of 5, Code 39, Code 128, Data Matrix (2D), 4-state (Australian & Generic)

Character Rotation: 360° in 1° increments

Throw Distance: Max .125" (.3175cm)

Maximum Book Height: 1" (2.54cm)

Applicable Substrates: Porous and some glossy stocks

Fluids

Ink Types: Black, High Adhesion Black, Alcohol Black, Red, Blue, Green and Yellow

Delivery System: Cartridge (HP 51645A) all inks, or Manifold Systems for Versatile Black only

System Configuration

Printheads; Printer Driver; Card Controller; Cabling; Printhead rail mounts

Regulatory Approvals

UL 1950; CE; Can/CSA STD C22.2 No. 950

Mechanical

Controller Dimensions:
2-inch enclosure: 8.5"w X 16"d X 3.5"h (21.6 X 40.6 X 8.9 cm)
4-inch enclosure: 8.5"w X 16"d X 5.25"h (21.6 X 40.6 X 13.3 cm)
4-inch head: 9"w X 9"d X 4"h (22.9 X 22.9 X 10.2 cm)
2-inch head: 5.1"w X 6.5"d X 4"h (13 X 16.5 X 10.2 cm)
Head mounts: max span 22" (55.9cm)
Encoder and Product Detect cables: 6 feet in length (15.2cm)

Electrical

Power Requirements: 120, 208, 220 VAC 50/60 Hz, Single Autosensing
Current Draw: 10 amps (120 VAC), 6 amps (208 VAC), 5 amps (120 VAC)

Environmental

Operating Temperature: 60° F (15° C) to 85° F (29° C)
Humidity Range: 15% - 90% RH non-condensing

Optional Accessories

Manifold ink delivery system; Drying system; Sort and dryer interlock cables; Photoelectric product detector; 300 PPI encoder and wheel; Bulk ink shelves; Power conditioner; Mounting blocks for Videojet transports; Monitor/keyboard stand; Dryer

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