



**The MVP standard controller offers the features in an affordable unit for accurate and precise high resolution coding.**

- **Maximize uptime** using an industrial flash drive, one-button backup and accurate ink-level gauges
  - No hard drive failure
  - No moving parts
  - Backup data to protect against corruption
  - Easily swap printing supplies before empty
- **Rely on scannable barcodes** with consistent, high-resolution printing that conforms to required specifications. Bar width adjust assures barcodes are scannable.
- **Get the right message on the right case**
  - Four levels of security
  - Minimize errors when loading new jobs
  - Minimize operator intervention when changing jobs
  - Prevent unauthorized changes
- **Print in manufacturing environments** with a robust, easy-to-use system that delivers the following:
  - Up to 4 inches of printing
  - Compact industrial enclosure
  - 15-inch touchscreen interface
- **Easily integrate** into existing systems using built-in Serial ports to communicate with external equipment.

**See the MVP Plus Industrial Controller for even more high value attributes.**

**Technical Specifications**

**Number of Printheads**  
Up to 2 x 2" printheads

**Print Speed**  
500 ft/min @ 150 dpi  
333 ft/min @ 200 dpi  
250 ft/min @ 300 dpi  
125 ft/min @ 600 dpi

**Enclosure**  
MVP- Compact enclosure

**Ink**  
MVP - Standard IMS  
IMS Plus Ink System Available

**Inputs/Outputs**

**External Communication**  
RS-232, USB

**External Inputs**  
Sensor input  
Encoder Input

**External Outputs**  
None.

**Operator Interface**  
15" Resistive touch screen LCD

**Keyboard and Pointer**  
None.

**Part Numbers**

**Systems**  
P/N 12065, MVP System  
\* Stands available separately. Refer to  
Printhead and mounts datasheet for more  
details.

**Accessories**  
P/N 12169, SCSI Adapter Cable to Cable  
P/N 9697, Cable 10' SCSI  
P/N 9698, Cable 20' SCSI  
P/N 8628, Fan covers  
P/N 12138, SW Database upgrade for MVP  
P/N 12144, SW Multi production line function  
P/N 12143, Tool kit

**Warranty**  
One (1) Year Parts; 90 Days Labor

**System**

**Operator Interface**  
Full color LCD touch screen

**Database**  
None.

**Password Protection**  
4 user levels

**Integration**  
TCP/IP, Serial, and OPC connectivity option

**On Board CPU**  
Industrial Flash drive  
1G RAM

1.5 GH Via Processor  
**Operating System**  
Windows XP Embedded, SP2

**Print Capability**

**Fonts**  
Windows Open, Windows True Type

**1D Barcodes**  
Interleaved 2 of 5, UPC A, UPC E, EAN-13,  
EAN-8, Planet, Code 39, Code 128, Codabar/  
NW-7, RSS

**2D Barcodes**  
Data Matrix, PDF 417

**Objects**  
Date/time codes, shift codes, user Inserts,  
static text, bitmaps, conditional bitmaps, and  
counters

**Services**

**Power Supply**  
110-240 VAC, 50/60 HZ,  
MVP (8A)

**Sensors**  
DB 9 (female on controller)  
**Pin out:**  
P3- Hi (PNP), P6- GN, P7- Low (NPN)  
P8- +12VDC

\* Do not connect other pins

**Encoders**  
DB 9 (female on controller)

**Pin out:**  
P1- +5VDC, P2- GN, P3- Low (NPN)  
\* Do not connect other pins

