

# MVP PRO INDUSTRIAL INKJET CONTROLLER



The CaseJet MVP Pro offers the premium case coding experience with the features you need for accurate, multi-line coding in a wide variety of production environments.

- **Maximize uptime** using an industrial flash drive, onebutton 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**, thanks to attached handheld scanners and four levels of security
  - Minimize errors when loading new jobs
  - Minimize operator intervention when changing jobs
  - Prevent unauthorized changes
- **Print in hostile environments** with a robust, easy-to use system that delivers the following:
  - Up to 16 inches of printing
  - Compact industrial enclosure
  - 15-inch touchscreen interface
  - NEMA Touch Keyboard
- **Easily integrate** into existing systems using built-in Serial, TCP/IP and OPC interfaces.
- **Variable data printing** on multi-SKU product lines and increased ease of use.
- **Avoid production stops** with error warnings, using IMS+ ink management solutions
- **Increase accuracy** when printing variable data, using an integrated, multi-SKU database and user friendly case coding software.
- **Store hundreds of jobs** for fast data and job retrieval.
- **Improve Ease of data input** with built-in keypad.

**Technical Specifications**

**Number of Printheads**  
Up to 8 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**  
NEMA 12 cabinet  
Size: 29.1" x 28" x 93"  
Vortex cooler option w/positive pressure

**Ink**  
IMS Plus ink management system

**Inputs/Outputs**

**External Communication**  
RS-232, Ethernet, USB

**External Inputs**  
Sensor input  
Encoder Input  
Symbol handheld scanner w/RS-232 interface  
8 general inputs

**External Outputs**  
3 Light-24 VDC Stack Light Indicator (red, amber, green, w/ horn)  
5 General Outputs

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

**Keyboard and Pointer**  
NEMA 12 IR keypad w/built in touch pad

**Part Numbers**

**Systems**  
P/N 12125, 2" Proprint System  
P/N 12126, 4" Proprint System  
P/N 12127, 6" Proprint System  
P/N 12128, 8" Proprint System  
P/N 12129, 10" Proprint System  
P/N 12130, 12" Proprint System  
P/N 12131, 14" Proprint System  
P/N 12132, 16" Proprint System  
\* Refer to Printhead and mounts datasheet for more details.

**System**

**Operator Interface**  
15" Full color LCD touch screen

**Database**  
Job selection via internal Access Database

**Password Protection**  
4 Tier Security User Levels

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

**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,  
Pro 2" (8A), Pro 16" (15A)

**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

