

# MICROVISION INPUT CONFIGURATION PB FLOWMASTER HIGH PRODUCTIVITY SOLUTION



## MICROVISION INPUT CONFIGURATION PB FLOWMASTER SELECTIVITY SOLUTION



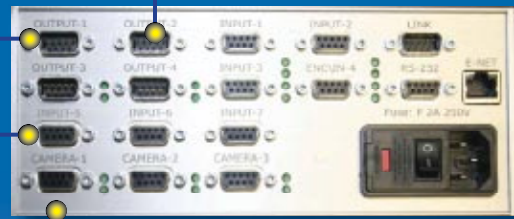
- Standard Commercial Windows PC
- Windows XP
- No Bus Cards required

Interfaces directly to the FlowMaster's PLC

Supports:

- E-Stop
- Divert Functions
- Upgradable to Perfect Match
- Multiple Camera Matching
- Read and Print
- In the Field

I/O for Devices such as "Diverters"



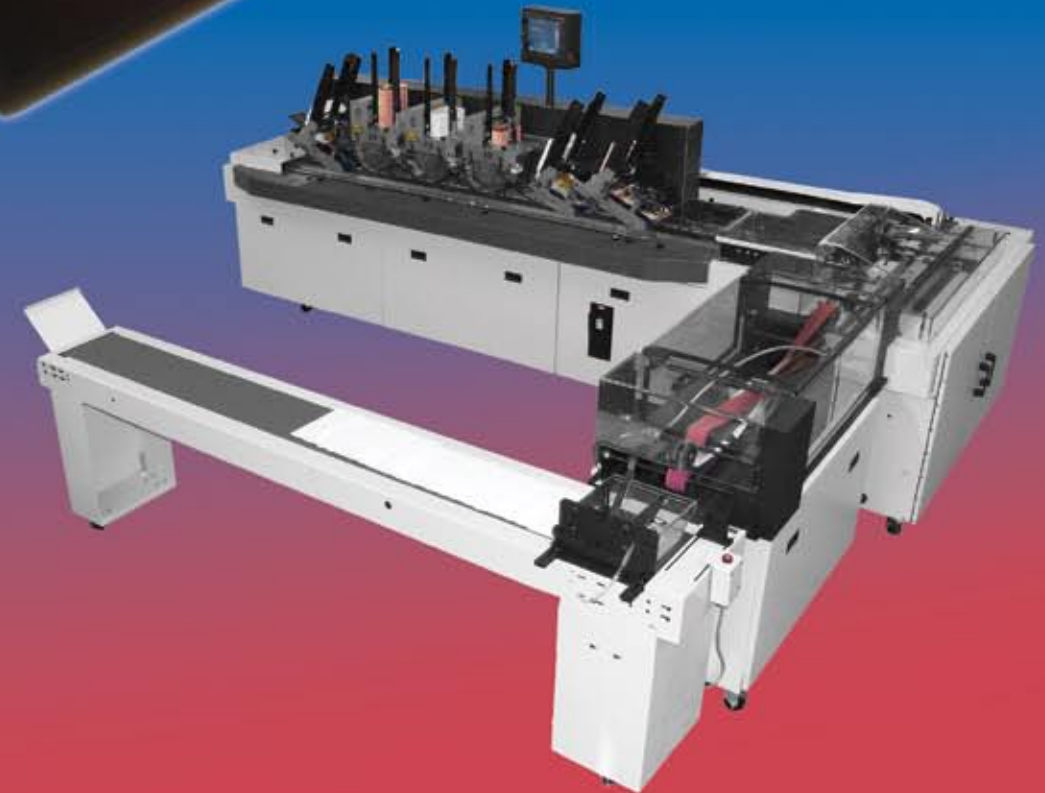
Programmable I/O  
Controller



Standard Hub



I/O for E Stop"



# MCS MICROVISION INPUT CAMERA™ SYSTEM

## PB FLOWMASTER SELECTIVITY SOLUTION

The MCS MicroVision Output Camera™ system is the perfect complement to the PB FlowMaster RS high speed inserting system. The system provides multiple functions to increase the value of your investment of the FlowMaster RS.

- **Selective Pocket Interface**
- **Sort Capability** (with compatible inserter)
- **Quality Control Divert** (with compatible inserter)
- **Sequential Number Verification**
- **Bin/Pocket Verification**
- **File Based and Non File based Logging**



### Selective Pocket Interface

The MCS MicroVision Input Camera™ system can be used to provide data for selective pocket inserts to the inserter operating system. The system can decode barcodes and OCR data and can even provide lookup tables for data translations in real time for legacy applications.

### Sort Capability

The Input camera system can be used to send a sort signal to the inserter operating system. It can be triggered by an image, barcode, OCR data or a file based system. The system sends the data to the inserter operating system which sends the I/O signal for sort control.

### Quality Control Divert

Most mail shops do quality control checks manually by assigning an employee to check work on time intervals. With the MCS MicroVision Input Camera™, QC pieces can be diverted automatically for more precise, statistically correct quality control pieces. The system sends the data to the inserter operating system which sends the I/O signal for divert bin.

### Sequential Number Verification

The MCS MicroVision Output Camera™ solution can be used to check for sequential order of mail pieces and documents. The system can be connected to a system E stop, or to a diverting device. This option is a good way to detect duplicate records, double feeds and/or pieces that have been damaged during insertion.

### Bin/Pocket Verification

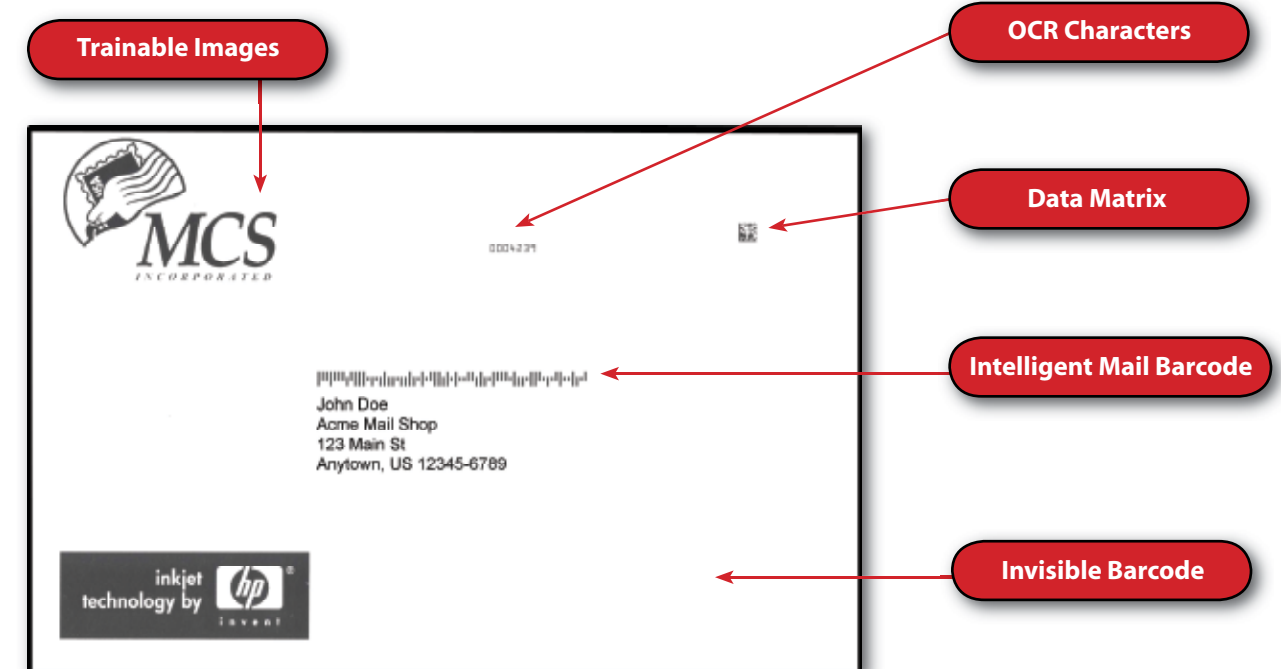
Checking to make sure that the correct document or signature is in the correct pocket of an inserter, or bindery line, is easy with the MCS MicroVision Input Camera™. Verification of an OCR value, barcodes or even an image, can be used to make sure the correct document or signature is in the correct pocket.

### File Based and Non File based Logging

As pieces are decoded, the system can time, date stamp the records with or without a database.

### Barcode/OCR Decoding

- 1 D – 2 of 5, 3 of 9, Code 128, Intelligent Mail Barcode, PostNet, Code 93, Planet, Codabar, BC412, UPC, EAN, Pharmacode BC412
- 2D – Data Matrix
- OCR Fonts



### Infrared (IR) Option

All of MCS camera solutions offer the option of Infrared "Invisible" machine readable cameras. This option opens the doors to many value added solutions where an invisible barcode meets a specific need.

### MCS Cameras

MCS industrial cameras are designed specifically for the mailing and graphics industry. The MCS Camera is very small, has a built in light source and a very small focal length which is ideal for fitting in tight locations.

## PROTECT YOUR INVESTMENT

The MicroVision Input Camera™ system uses the same cameras, lighting and setup software as the MCS Perfect Match™, and the MCS MicroVision Output Camera™ systems, so your investment is protected and leveraged. Once your operators learn one product, the other products are easy to use and setup.

