

Since 2002, the Mantis Operator Interface has helped eliminate packaging errors. The Mantis has been field tested and proven to work. Dozens of systems have been installed in manufacturing and packaging operations.

Sold as a kit, the Mantis Operator Interface is fully functional, with no PLC requires. Mantis outputs can be wired directly to E-Stops, air knives or diverters.

Features:

Set Up Modes

- Key Switch
- "Show & Go"
- Command Codes
- Sequential Check
- Batch Count
- E-Signatures

Alarms:

- Visual & Audible
- No Read
- No Match
- Missing Numbers
- Batch Complete
- High Defects
- Low Print Quality

Accessories:

- Fixed Laser
- CCD Vision
- Hand Scanner
- Bar Code Grading

Additional Capabilities:

- Material Handling
- Dock Door Verification
- Automatic Sorting
- Verify Print & Apply
- Verify Ink Jet Printing
- Tote Routing
- Product Counting

MANUFACTURED IN THE USA



MANTIS™

OPERATOR INTERFACE

In-line verification of product coding is an essential part of good manufacturing practices and quality control procedures. Bar codes must not only be high quality by ANSI grading, but also correct for the SKU. Additionally, date and lot coding must be checked for print defects, placement accuracy and correctness. Most importantly, the operators interface must be easy to use, catch all errors, alert for corrective actions and be cost effective.

The MANTIS operator interface is designed to train sensors and scanners and alert line operators to packaging errors before costs accumulate. Visual and audible alarms alert operators to product identification issues upon the first occurrence. The MANTIS can accept serial data at RS232 signal level from bar code scanners, vision systems and optical sensors.

Custom software for prompting operators, Entering passwords and relay logic is available.

Setting up the MANTIS is as simple as "Show and Go". Various levels of security are available by enabling/disabling the key switch, command codes and keypad. Via the Ethernet connection, errors may be logged for input to quality control logs and manufacturing reports. Capturing electronic quality control data is a standard Mantis Operator Interface feature.

If your operation has frequent changes between SKU's, faces mandated FDA or product labeling liability concerns, contact Mantisco Systems, Inc today. Demonstration units are available.



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MANTIS™ Operator Interface

Cost justification for in line coding validation systems is easily calculated:

- Product Loss
- Primary Package
- Secondary Package
- Machine hours
- Adhesives
- Labor
- Set Up

Mislabeling Costs Include:

- Regulatory Liability
- Civil Liability
- Product Recall
- Labor
- Lost Customer Good Will
- Return Freight Cost
- Allergic Reaction
- FDA Sanctions
- Product Waste
- Empty Store Shelves

Kit Features:

- Mantis Operator Interface
- Unattended Bar Code Reader
- Relay Output Connectors
- Mounting Diagram & Bracket
- Photo Cell Detect
- Preconfigured Optics
- Documentation

Bar Code

Date Code

Lot Code



1-D Symbols: UPC, ISBN, I 2 of 5, Code 39, Pharma Code, Code 128, EAN, Plessey

2-D Symbols: Composite, Data Matrix, Micro PDF, RSS -14, GS1

Text: OCR, Expire Dates, Lot Coding, Batch Codes

Print Methods: Thermal, Offset, Small Character Ink Jet, Large Character Ink Jet, Laser, Etched, and Rubber Stamped

Applications: Primary & Secondary Packaging, Print & Apply, Pallet Labeling, PCB Identification, Sorting and Counting

Electrical: 24v Operation, 2 relay outputs, 2 Open Collector Outputs, 2 ea. RS232 Ports, Ethernet (optional), BB-EEPROM

