

# SENSORS INTEGRATION

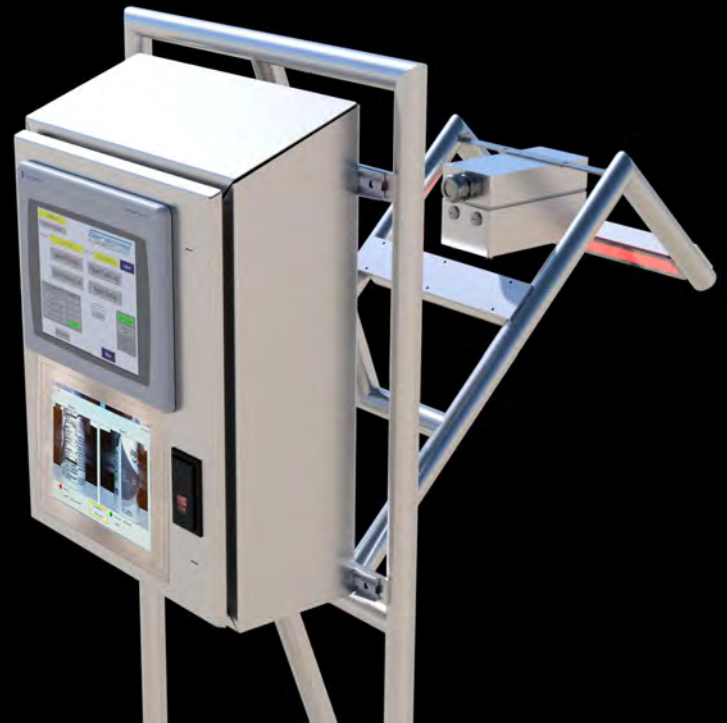
## CRIS2020

The patented Control Reliable Inspection System from Sensors Integration

The CRIS is a product/package verification system offering patented Fail-to-Safe inspection to ensure all flawed products are rejected from a production line

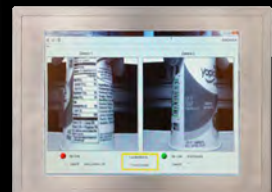
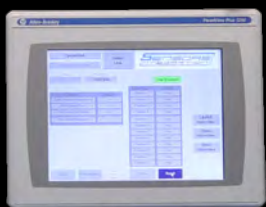
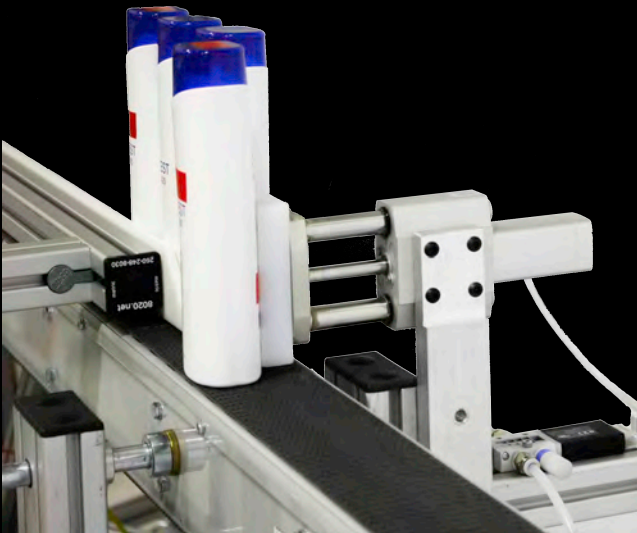
Key System Features Include:

- Patented Fail-to-Safe inspection methodology
- Product reject with tracking and confirmation
- Dynamic Speed Compensated Reject System
- Custom stainless steel panel, stand and hardware mounting design
- Pattern and color recognition, date and lot code verification and open flap detection available
- Ideal for high-speed 360° product inspection



Key Components Include:






- Allen Bradley PanelView Plus HMI
- Allen Bradley Performance Industrial Monitor
- Allen Bradley CompactLogix PLC
- Datalogic MX20E Processor
- Datalogic Cameras
- RFID/HID Key Reader with security levels
- Dual reject confirmation photoeyes



WE'RE HERE TO HELP

# CRIS2020

With more than 150 CRISs in service, Sensors Integration has been able to develop a highly configurable system based on insights gained from a broad spectrum of food & beverage, medical device and pharmaceutical companies. These configurations range from multi-head systems, different key access levels, and selectable HMI size and PLC capabilities.

	 Operator	 Supervisor	 Manager	 Maintenance	 Master
Teach Barcode for Match	●	●	●	●	●
Clear Component Failure	●	●	●	●	●
Clear Consecutive No-Read Error	●	●	●	●	●
Clear Mis-match Shutdown Error		●	●	●	●
Edit Values/Descriptions for Selection List			●	●	●
Enter/Exit System Bypass Mode			●	●	●
Change Consecutive No-Read Limit			●	●	●
Configure Barcode Symbologies				●	●
Change Reject Timing				●	●
Change Trigger Timing					●

## Key Feature Highlight: Keyed Access Levels with Data Logging

- One of the many differentiating aspects of the CRIS are its keyed RFID access levels - either card or Key FOB.
- These access levels are configurable to enable the plant manager to allow his employees as much access as desired.
- Any/all changes to the product or the desired inspection are logged with the users identity, date and time.



Ultimately, the CRIS delivers a highly configurable product/package verification platform that enables customers to be FSMA compliant while improving throughput and product-quality. If you need help tackling your product/package challenges, call the experts at Sensors Integration today.



- US Patent Number 7,983,779 - Fail to Safe Fault Detection for a Production Line
- US Patent Number 8,077,051 - Redundant Product Teach Validation
- US Patent Number 8,368,550 - Electronic Key System Access for Code Change and Setup
- US Patent Number 9,147,326 - Dynamic Speed Compensated Reject System

1-888-920-0939

507 Kelsey St Delano, MN 55328

sensorsintegration.com