

CRIS: Control Reliable Inspection System

THE PATENTED SYSTEM FROM SENSORS INTEGRATION

SENSORS
INTEGRATION

WHAT IS CRIS?

CONTROL RELIABLE INSPECTION SYSTEM

The CRIS is a product and package verification system with patented fail-to-safe inspection to ensure all flawed products are rejected from a production line. The CRIS uses SICK laser scanners and machine vision products along with Allen Bradley/Rockwell PLC and HMI platforms for high-quality and reliable operation. With SICK and Allen Bradley/Rockwell components, the CRIS offers the wide array of accessories, support, and options you have come to expect from industry leaders.



WHO IS SENSORS INTEGRATION?

Sensors Integration offers comprehensive problem-solving and integration services with expertise in product and package verification, vision systems, lighting, RFID, and barcodes. Sensors Integration provides solutions for complicated real-world application challenges based on in-depth research, extensive experience, and thorough testing and verification in Sensors Integration's working lab.

RFID KEY USER ACCESS LEVELS

	 Operator	 Supervisor	 Manager	 Maintenance	 Master
Teach Barcode or Select Recipe	●	●	●	●	●
Clear Warning Messages	●	●	●	●	●
Clear Consecutive No-Read Error	●	●	●	●	●
Clear Mis-match Shutdown Error		●	●	●	●
Edit Recipe Entries			●	●	●
Enter/Exit System Bypass Mode			●	●	●
Change Consecutive No-Read Limit			●	●	●
Edit System Configuration				●	●

SYSTEM FEATURES AND OPTIONS

1D and 2D Barcode Verification



The CRIS has verification options using SICK laser scanners and vision cameras for UPC and data matrix codes at speeds of up to 1200 inspections per minute.

Fail-To-Safe Inspection



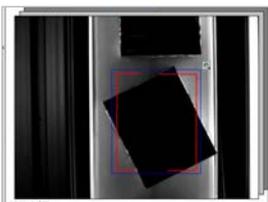
The multi-patented design assumes every product should be rejected until positively verified by the system to ensure product safety and accuracy. Faults in any part of the line will prevent products from continuing past the inspection point.

Patented Multi-Level RFID Access Control



Provides varying levels of access control over line changes and inspection approvals. The CRIS time and date stamps who interfaces with the system so you can track who created a change.

Product Orientation



Sick Inspector uses simple algorithms to determine product orientation to prevent product backup and optimize throughput.

Dynamic Speed-Compensated Reject System



Our reject system tracks product pass signals as they pass the inspection point and uses our patented algorithm to accurately reject products even with continuously varied line speeds.

Remote Technical Support

Each system may be equipped with VPN that connects through a secure network for remote technical support, including making changes and analyzing diagnostics.



POWERED BY **SICK**
Sensor Intelligence.



BARCODE



DATA MATRIX



RFID



Key Components Sick High Speed Lector Vision Camera | Sick Washdown-Rated Laser Scanner
Allen Bradley PanelView HMI | Allen Bradley CompactLogix PLC



5
US PATENTS

150+
INSTALLATIONS

1200
INSPECTIONS PER MINUTE



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