CRIS 360: CONTROL RELIABLE INSPECTION SYSTEM

The Patented Label and Package Verification System from Sensors Integration for Round, Touching, and Randomly Oriented Products.
WHAT IS THE CRIS 360?

CONTROL RELIABLE INSPECTION SYSTEM

The CRIS 360 is a product and package verification system designed to handle the demands of inspecting **round, touching, and randomly oriented products**. The CRIS utilizes Sensors Integration’s patented fail-to-safe inspection to ensure all flawed products are rejected from a production line. The CRIS uses Datalogic machine vision products along with Allen Bradley/Rockwell PLC and HMI platforms for high-quality and reliable operation. With Datalogic and Allen Bradley/Rockwell components, the CRIS offers a wide array of accessories, support, and options you have come to expect from industry leaders.

RFID USER KEY ACCESS LEVELS

<table>
<thead>
<tr>
<th>Access Level</th>
<th>Operator</th>
<th>Supervisor</th>
<th>Maintenance</th>
<th>Manager/QA</th>
<th>System Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teach barcode or select recipe</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Clear warning messages</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Clear consecutive no-read error</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Clear mismatch shutdown error</td>
<td></td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Edit recipe entries</td>
<td></td>
<td></td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Enter/exit system bypass mode</td>
<td></td>
<td></td>
<td>🟠</td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Change consecutive no-read limit</td>
<td></td>
<td></td>
<td></td>
<td>🟠</td>
<td>🟠</td>
</tr>
<tr>
<td>Edit system configuration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
Multiple cameras provide 360° product validation. Packages in any orientation will be correctly identified using barcode or pattern and then validated or rejected by the CRIS 360.

The CRIS 360 uses OCR/OCV to accurately verify date and lot codes. The CRIS 360 will reject any products that don’t precisely meet the parameters set for validation.

The CRIS 360 can be programmed to recognize logos, colors, patterns, and shapes. Patterns and logos are often used for logo quality inspection to maintain brand integrity.

For every error, mismatch, employee login, or product change, the CRIS 360 records the time and date of the event. This track and trace methodology allows users to track errors and changes in the system.

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

Provides varying levels of access control over line changes and inspection approvals. The CRIS 360 time and date stamps who interfaces with the system so you can track who created a change.

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 varying line speeds.
360° VALIDATION WITH DATALOGIC

**BARCODE**

0123456789012

**DATAMATRIX**

**PATTERN**

KEY COMPONENTS

Datalogic MX-E80 | Datalogic M-Series Camera | Allen Bradley PanelView HMI | Allen Bradley CompactLogix PLC

**5**

US PATENTS

**150+**

INSTALLATIONS

**1200**

PRODUCTS PER MINUTE

Phone: 763-972-1051 | Toll Free: 1-888-920-0939 | Fax: 763-972-1041
507 Kelsey St. | Delano, MN 55328 | www.SensorsIntegration.com

US Patents 7,983,779 • 8,077,051 • 8,368,550 • 9,147,326 • 10,198,653