

**ISC CAM module handles the carryway activation of the Intralox equipment.**

- ISC tracks the products and ensure that, by means of electro-mechanical actuators, products get properly manipulated while being transported by the equipment as controlled by the Line PLC
- Register machinery logs data in different counters using signals from the field sensors
- User-friendly operation through virtual HMI



<p><b><u>Hardware Description</u></b></p> <p>Dimensions: L=145mm W=32mm H=32mm   IP Rating: IP65, IP67, IP69K   Power Requirements: 24VDC, 2A</p> <p>Connectors</p> <ul style="list-style-type: none"> <li>• Internal machinery cables. M12 connection</li> <li>• External machinery cables. Power &amp; Ethernet: M8, Intralox delivers 0.5m M8-M12 adaptor cable</li> </ul>
<p><b><u>Intralox Divert Logic (firmware) Capabilities</u></b></p> <p>Operation Mode</p> <ul style="list-style-type: none"> <li>• Line PLC Command Mode: including internal counting for handling “trains of product”</li> <li>• Internal (autonomous) Mode: no line PLC command required</li> </ul> <p>Maintenance &amp; troubleshooting counters (log data)</p> <p>Capability of detecting, communicating and registering hardware and application faults</p>
<p><b><u>Line PLC Communication</u></b></p> <p>Hardware discrete I/O 24VDC available for single command applications</p> <p>Network Architecture: ISC CAM is “child” of Line PLC</p> <p>Ethernet communication:</p> <ul style="list-style-type: none"> <li>• Allen Bradley Ethernet/IP. ISC CAM specific EDS file</li> <li>• Siemens Profinet S7. ISC CAM specific GSDML file</li> <li>• As child device, the ISC CAM autodetects ethernet protocol</li> </ul> <p>PLC Program Templates with the symbolic information to facilitate ISC integration into Line PLC</p>
<p><b><u>Virtual HMI</u></b></p> <p>Available in ISC internal web-server accessible with regular web-browser</p> <p>Ability to adjust operating parameters and access Log File</p>
<p><b><u>Technical Documentation File</u></b></p> <p>Generic ISC Electrical Schematics in PDF and ACAD Electrical</p> <p>PLC Communication Interlocks</p> <p>ISC CAM User Manual: Virtual HMI, commissioning, troubleshooting, replacement, file backup handling</p> <p>Factory Setting ISC for backup</p>
<p><b><u>Customer Responsibility</u></b></p> <p>Cabling/Wiring</p> <ul style="list-style-type: none"> <li>• Connect ISC to 24 VDC power supply, interface M8/M12</li> <li>• Connect ISC to PLC for communication, connector M8/M12 (ethernet and/or hardware)</li> </ul> <p>Set-up and commission the communication between Line PLC and ISC CAM</p>