

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><u>Hardware Description</u></p> <p>Dimensions: L=145mm W=32mm H=32mm IP Rating: IP67 Power Requirements: 24VDC, 2A</p> <p>Connectors</p> <ul style="list-style-type: none"> • Internal machinery cables. M12 connection • External machinery cables. Power & Ethernet: M8, Intralox delivers 0.5m M8-M12 adaptor cable
<p><u>Intralox Divert Logic (firmware) Capabilities</u></p> <p>Operation Mode</p> <ul style="list-style-type: none"> • Line PLC Command Mode: including internal counting for handling “trains of product” • Internal (autonomous) Mode: no line PLC command required <p>Maintenance & troubleshooting counters (log data)</p> <p>Capability of detecting, communicating and registering hardware and application faults</p>
<p><u>Line PLC Communication</u></p> <p>Hardwire 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"> • Allen Bradley Ethernet/IP. ISC CAM specific L5X file • Siemens Profinet S7. ISC CAM specific GSDML file • As child device, the ISC CAM autodetects ethernet protocol <p>PLC Program Templates with the symbolic information to facilitate ISC integration into Line PLC</p>
<p><u>Virtual HMI</u></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><u>Technical Documentation File</u></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><u>Customer Responsibility</u></p> <p>Cabling/Wiring</p> <ul style="list-style-type: none"> • Connect ISC to 24 VDC power supply, interface M8/M12 • Connect ISC to PLC for communication, connector M8/M12 (ethernet and/or hardware) <p>Set-up and commission the communication between Line PLC and ISC CAM</p>