

IVIS-Junior

Simple Integrated Vision Inspection Station

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CONTROLS



Technology

The IVIS –Junior is a complete system that utilizes vision sensors (Cognex Checker) to make simple inspections. All necessary components are included to insure a successful installation. Has a built in vision sensor setup and feedback for easy human interaction. Appropriate alarms and output signals to control and indicate when limits have been exceeded.

Highlights

- Human Machine interface to the vision sensor(s) and outputs
- Quick and easy programming
- Intuitive setup commands that are easy to use
- Highly reliable electrical design in even the most harsh and noisy environments
- All necessary components integrated to insure proper operation



Care Controls, Inc.

Address: PO Box 12014, Mill Creek, WA 98082 Phone: (425) 745-1252 Fax: (425) 745-8934

Website: www.carecontrols.com Email: info@carecontrols.com

Industries

- Automotive
- Packaging
- Pharmaceutical
- Food Processing
- Cosmetics
- Aerosols
- Textiles
- Manufacturing

Inspections

- Missing parts in an assembly
- Missing identification tags
- Proper glue application
- Simple measurements
height/width/diameter
- Part orientation
- Proper assembly
- Part Detection
- Part Features
- Verify presence



Specifications

<i>Operating Speed</i>	2400 Inspections per min max
<i>Power Requirements</i>	100-250 VAC isolated incoming power
<i>Optional I/O functions</i>	Programming to control eject mechanisms
<i>Display</i>	LCD Color touch display for general control and separate for sensor visual feedback and control.
<i>Operating Conditions</i>	Stable Ambient Temperature: 32° to 122° F (0° - 50° C)
<i>Communications</i>	Standard line control discrete I/O Extended I/O available for results, status and line control
<i>Enclosure</i>	Nema 12 std (Nema 4, IP 65 optional)
<i>Stack Light Indicators</i>	Red, Amber and Green to indicate system status from a distance
<i>Construction</i>	Stainless steel, engineered plastics, painted steel and anodized aluminium (Durable construction for the food and beverage industries)

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