



CC-Link News

Cognex adds CC-Link network connectivity to In-Sight



Cognex In-Sight® vision systems are unmatched in their ability to inspect, identify and guide parts. These self-contained, industrial grade vision systems combine a library of advanced vision tools with high-speed image acquisition and processing. Configuring and deploying an In-Sight vision system has never been easier now that CC-link has been added to Cognex Connect.

Cognex Connect includes support for CC-Link and other major open-standard Industrial Ethernet and Fieldbus communications protocols enabling trouble-free connection to PLCs and a wide range of automation devices from Mitsubishi, Rockwell, Siemens and other manufacturers.

The In-Sight family includes the Micro Series – The world's smallest all-in-one vision systems also deliver world-class performance, and the top selling In-Sight 5000 Series- Providing users with unprecedented vision power and extreme ruggedness. Together they are helping thousands of manufacturers around the world improve productivity, ensure product quality and lower manufacturing costs.

An I/O Breakout Module provides easy connection of In-Sight systems to power, acquisition triggers, outputs, and serial devices. I/O Expansion Modules increase the number of I/O points available to In-Sight systems, and provide full RS232 handshaking. The module combines a CC-Link interface, PoE injector, eight discrete inputs and outputs, and Ethernet and serial communication ports in one low-cost device.

In-Sight is supported by a wide range of easy to use configuration and communication tools including: *EasyBuilder* program free configuration software with CC-Link tools; *Cognex Connect* communications suite; The *VisionView* operator display panels, and the *Cognex vision tool* application library.



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Features

- CC-Link interface enables In-Sight vision systems to communicate directly with Mitsubishi PLCs without requiring ladder logic
- Power over Ethernet port provides communications and power to the In-Sight Micro vision system, via a built-in PoE injector. (User supplies 24 VDC to the I/O module.)
- Eight discrete inputs and eight discrete outputs support either NPN or PNP connections.
- Wiring terminals for the trigger and two high speed outputs are available
- Standard RJ45 Ethernet port to connect the In-Sight Micro vision system to a programmer's PC or a network.
- RS-232 port for serial communications (hardware handshaking supported).
- DIN rail mountable
- LED status indicators for all I/O and module status

For more information go to:

<http://www.cognex.com/ProductsServices/VisionSystems/default.aspx?id=110>

For Europe. <http://www.cognex.com/cognexinfo/worldwidefacilities/default.aspx?id=282>

About the CLPA

The CC-Link Partner Association (CLPA) is an international organisation with over 1,330 member companies. The partners' common objective is promotion of the technical development and adoption of the standardised network technologies CC-Link, CC-Link Safety, and CC-Link IE Gigabit Industrial Ethernet.

Over 1,050 certified products are now available for the CC-Link network family from over 220 manufacturers worldwide. Seven million CC-Link devices are installed, increasing at over one million per year.

CC-Link is now the leading industrial fieldbus protocol in Asia and it is becoming increasingly popular in Europe and America as well. In addition to its European headquarters in Ratingen, Germany, the CLPA also has four regional offices in England, Poland, Turkey and the Ukraine.

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