



Teledyne CA Slave Communication Module

MVI56-CAS

The MVI56 Teledyne CA Module allows Rockwell Automation ControlLogix I/O compatible processors to interface easily with TCA protocol compatible devices.

Features and Benefits

The MVI56-CAS module acts as an input/output module between the TCA network and the Rockwell Automation backplane. The data transfer from the ControlLogix processor is asynchronous from the actions on the TCA network. A 5000-word register space in the module exchanges data between the processor and the TCA network.

General Specifications

- Single Slot – 1756 backplane compatible
- Local or remote rack
- The module is recognized as an Input/Output module and has access to processor memory for data transfer between processor and module
- Ladder Logic is used for data transfer between module and processor.
- Configuration data obtained through user-defined ladder. Sample ladder file included

Hardware Specifications

Specification	Description
Backplane Current Load	800 mA @ 5 V
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Shock:	30g Operational 50g non-operational
Vibration:	5 g from 10 to 150 Hz
Relative Humidity	5 to 95% (non-condensing)
LED Indicators:	Module Status Backplane Transfer Status Application Status Serial Activity
Debug/Configuration port (CFG)	
CFG Port (CFG)	RJ45 (DB-9M with supplied cable) RS-232 only

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The MVI56-CAS module provides highly-configurable TCA slave capabilities to the Rockwell Automation ControlLogix platform. The product is frequently used as a SCADA slave. In a SCADA slave application, the module could be used in remote controller racks as is often used in the oil and gas, or wastewater industries.

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

Asia Pacific

+60.3.7941.2888, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe - Middle East - Africa

+33.(0)5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America

+1.661.716.5100, info@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America

+52.222.264.1814, support.la@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil

+55.11.5084.5178, brasil@prosoft-technology.com
Languages spoken include: Portuguese, English

