



IEC 60870-5-101 Slave Communication Module

MVI71-101S

The MVI71 IEC 60870-5-101 Slave Communication Module allows Rockwell Automation PLC I/O compatible processors to interface easily with IEC 60870-5-101 protocol compatible hosts. The module's two powerful and highly configurable ports allow the many SCADA host systems supporting the IEC protocol to be integrated into the PLC platform.

Features and Benefits

The MVI71-101S module is the fastest and easiest way to add IEC 60870-5-101 protocol interface support to the PLC platform. It is a single slot, backplane compatible solution for the Rockwell Automation PLC platform. This module has two powerful and highly configurable IEC 60870-5-101 Slave ports, allowing the many SCADA and field devices supporting the IEC protocol to be integrated into the PLC platform.

The MVI71-101S module acts as an input/output module between the IEC 60870-5-101 telecontrol network and the Rockwell Automation PLC backplane. The data transfer from the PLC processor is asynchronous from the actions on the network. A 5000-word register space in the module exchanges data between the processor and the telecontrol network.

General Specifications

- Single Slot – 1771 backplane compatible
- 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. Sample ladder file included.
- Configuration data obtained from configuration text file downloaded to module. Sample configuration file included.

Hardware Specifications

Specification	Description
Form Factor	Single Slot 1771 chassis compatible BTR/BTW data transfer Local or remote rack
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)

IEC 60870-5-101 Slave Communication Module MVI71-101S

The MVI71-101S Slave module is designed to address the application where a host systems using the IEC 60870-5-101 protocol must communicate with a PLC processor. As such, the IEC Slave module can be used as a gateway in many SCADA installations in industries such as:

- Power and distribution applications
- Petrochemical
- Water and Gas Applications
- Oil and Gas production

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

+603.7724.2080, 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, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)

+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

