



IEC 60870-5-104 Server Communication Module MVI56-104S

The MVI56-104S module has been designed to address the application where a device using the IEC 60870-5-104 protocol needs to communicate with the Rockwell Automation processor. As such, the IEC server module can be used as a gateway in many SCADA installations in industries such as:

- Power
- Petrochemical
- Water treatment
- Oil and gas production

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IEC 60870-5-104 Server Communication Module

MVI56-104S

The MVI56 IEC 60870-5-104 Server Communication Module allows ControlLogix backplane I/O compatible processors to interface easily with IEC 60870-5-104 protocol-compatible hosts.

Features and Benefits

The MVI56-104S module acts as an input/output module between the IEC 60870-5-104 Ethernet network and the Rockwell Automation backplane. The data transfer from the ControlLogix processor is asynchronous from the actions on the network. A 4000-word register space in the module exchanges data between the processor and the Ethernet network.

General Specifications

- Single Slot – 1756 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
- Local or remote rack

Hardware Specifications

Specification	Description
Form Factor	Single Slot 1756 Chassis Compatible 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)
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

