



IEC 60870-5-104 Server Communication Module MVI71-104S

The MVI71-104S module is 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

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

IEC 60870-5-104 Server Communication Module

MVI71-104S

The MVI71 IEC 60870-5-104 Server Communication Module allows PLC backplane I/O compatible processors to interface easily with IEC 60870-5-104 protocol-compatible hosts.

Features and Benefits

The MVI71-104S 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 PLC 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 – 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) |
| Shock | 30g operational 50g non-operational |
| Vibration | 5 g from 10150 Hz |
| Relative humidity | 5 to 95% (non-condensing) |
| LED Indicators | Module status Backplane transfer status Application status Serial activity and error LED status |

