

MVI69E/L FAQ

Why did we create the new MVI69E/L products?

The MVI69E/L product lines were developed to provide users with scalable solutions to connect non-Rockwell networks to CompactLogix™ L3 and L2 control systems. The first four products are for Modbus® Serial and Modbus TCP/IP networks. These modules have many new features not available in our older Modbus and Modbus TCP/IP modules for CompactLogix.

What makes the modules different from the MVI69-MCM/MNET ?

The new MVI69E/L modules have Remote Connectivity over Ethernet. This enables a user to configure and maintain the module without being on the plant floor. Each module also features a custom Add-On Profile reducing commissioning time. For system flexibility, we have doubled the modules' power supply distance rating. This allows the module to be placed further from the power supply. In addition, the module's configuration is stored in the CompactLogix processor memory. In the event of a disaster, configuration for the replacement module will be downloaded from the CompactLogix to the module.

What are the differences between the MVI69E and the MVI69L modules?

The MVI69E modules can solve all the applications of the older MVI69-MNET/MCM modules. The modules are designed for larger applications and can support big data initiatives, enabling additional Modbus device data to be supplied to optimize plant processes. In addition, the MVI69Es have a lower list price than the previous MVI69-MNET/MCM modules.

Some additional capabilities of the MVI69E are:

MVI69E-MBS

- 10,000 Word Database
- 250 Max Modbus commands per port
- 2 Isolated Serial Ports
- Master and/or Slave

MVI69E-MBTCP

- 10,000 Word Database
- 20 Clients 20 Servers
- 320 Max Modbus commands

MVI69L modules are designed for smaller applications that need just the right amount of data. The MVI69L modules feature an even lower list price.

Some capabilities of the MVI69L are:

MVI69L-MBS

- 240/240 Words In and Out
- 30 Max Modbus Commands
- 1 Isolated Serial Port
- Master or Slave

MVI69L-MBTCP

- 240/240 Words In and Out
- 10 Clients 2 Servers
- 160 Max Modbus Commands

Are these new modules backward compatible with the MVI69-MCM or MVI69-MNET modules?

No, these can do all the same applications, but the configuration of them is slightly different.

What versions of CompactLogix processors will this work with?

The modules work with all CompactLogix processors v.16 and greater

Will the new modules work with the MicroLogix™ 1500?

Unfortunately, no. However, the MVI69-MCM and MVI69-MNET modules do and are still available.

What are the current product certifications?

The current certifications are:

- CB Safety
- UL Hazardous location Class 1 Division 2
- ATEX
- CE
- GOST-R
- KCC

Are there any videos for the products?

Yes, we have a “How To” video for each of the MVI69E modules. These videos guide the user through a typical Modbus configuration. The MVI69L modules configure in the same manner as the MVI69E modules with less commands and less data.

How can I obtain tech support?

Please email us at support@prosoft-technology.com or give us a call at the appropriate number below.

United States: 661-716-5100

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Frequently Asked QUESTIONS

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