

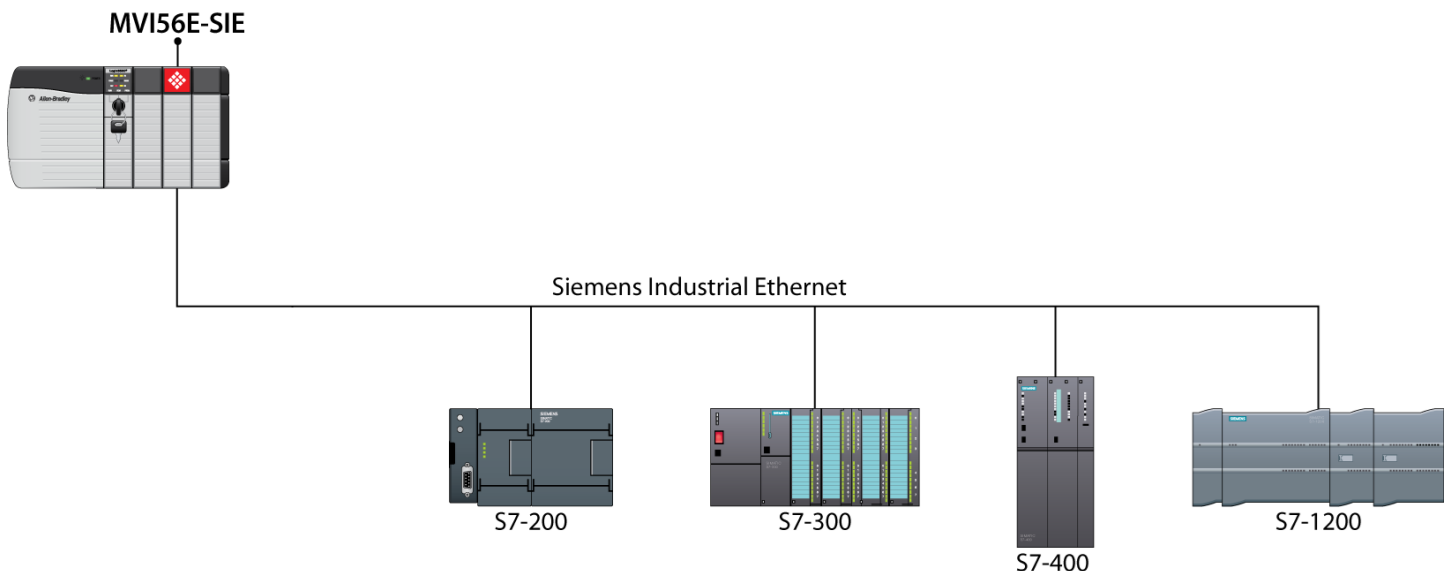


## Siemens Industrial Ethernet Communication Module for ControlLogix® MVI56E-SIE

The MVI56E-SIE Siemens Industrial Ethernet Communication Module allows Rockwell Automation ControlLogix Programmable Automation Controllers (PACs) to interface easily as an Ethernet Client with up to a maximum of 20 Siemens S7-200, S7-1200, S7-300, and S7-400 PLCs operating as Ethernet servers.

The module uses ProSoft Configuration Builder (PCB) which provides a graphical configuration tool for management of module configuration files, as well as viewing communication and module diagnostic information using the high-speed Ethernet port.

Commands are enabled/disabled from ladder logic enabling various Siemens S7 CPUs to support multiple applications without having to reconfigure the module. Data transfer to a ControlLogix® PAC uses scheduled I/O data for faster updates and better performance



## General Specifications

- ◆ Single-slot 1756 ControlLogix backplane compatible
- ◆ 10/100 Mbps auto crossover detection Ethernet configuration and application port
- ◆ User-definable module data memory mapping of up to 5000 16-bit registers
- ◆ CIPconnect-enabled network configuration and diagnostics monitoring using ControlLogix 1756-ENxT and 1756-CNB modules and EtherNet/IP pass-through communication
- ◆ Add-On Instructions (AOI) are used for data transfer between module and processor
- ◆ 4-character, alpha-numeric, scrolling LED display of status and diagnostics data
- ◆ ProSoft Discovery Service (PDS) software used to locate the module on the network and assign temporary IP address
- ◆ Personality Module - a non-volatile, industrial-grade Compact Flash (CF) card used to store network and module configuration, allowing quick in-the-field product replacement by transferring the CF card

## Siemens Industrial Ethernet Specifications

Specification	Description
Supported PLC Data Exchange (Read and Write)	Siemens S7-200 Siemens S7-300 Siemens S7-400 Siemens S7-1200
Supported Register Types	DB Inputs Outputs Flags Counters Timers

## Hardware Specifications

Specification	Description
Backplane Current Load	800 mA @ 5 Vdc 3 mA @ 24 Vdc
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Shock	30 g operational 50 g non-operational
Vibration	5 g from 10 Hz to 150 Hz
Relative Humidity	5% to 95% RH, with no condensation
LED Indicators	Battery Status (ERR) Application Status (APP) Module Status (OK)
4-Character, Scrolling, Alpha-Numeric LED Display	Shows Module, Version, IP, Application Port Setting, Port Status, and Error Information
<b>Debug/Configuration/Application Ethernet port (E1)</b>	
Ethernet Port	10/100 Base-T, RJ45 Connector, for CAT5 cable Link and Activity LED indicators Auto-crossover cable detection
Shipped with Unit	5-foot Ethernet straight-through cable

## Agency Approvals and Certifications

RoHS  
CE



## Additional Products

ProSoft Technology® offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms. For a complete list of products, visit our web site at: [www.prosoft-technology.com](http://www.prosoft-technology.com)

## Ordering Information

To order this product, please use the following:

## Siemens Industrial Ethernet Communication Module for ControlLogix®

MVI56E-SIE

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: [www.prosoft-technology.com](http://www.prosoft-technology.com) and select *Where to Buy* from the menu.

Copyright © 2016 ProSoft Technology, Inc.  
All rights reserved. 6/15/2016

Specifications subject to change without notice.