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For more information on the Product Retirement Program, please visit: [http://www.prosoft-technology.com/products/product\\_retirement\\_program](http://www.prosoft-technology.com/products/product_retirement_program)



## Command Language Master Communication Module

### MVI56-CLVM

*Compatible devices include not only Modicon PLCs (which all support the Command Language protocol) but also a wide assortment of end devices.*

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## Command Language Master Communication Module

### MVI56-CLVM

The MVI56 Command Language Module allows Rockwell Automation ControlLogix I/O compatible processors to interface easily with SICK bar code scanner devices.

The MVI56-CLVM module acts as an input/output module between the scanner and the Rockwell Automation backplane. The data transfer from the ControlLogix processor is asynchronous from the actions on the network.

### Features and Benefits

The MVI56-CLVM module acts as an input/output module between the scanners and the Rockwell Automation backplane. The data transfer from the ControlLogix processor is asynchronous from the actions on the scanners.

### General Specifications

- Single Slot – 1756 backplane compatible
- Local or remote rack
- 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.
- Configuration data obtained through user-defined ladder. Sample ladder file included

### Hardware Specifications

Specification	Description
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)

Specification	Description
LED Indicators:	Module Status Backplane Transfer Status Application Status Serial Activity
<b>Debug/Configuration port (CFG)</b>	
CFG Port (CFG)	RJ45 (DB-9M with supplied cable) RS-232 only
<b>Application ports (PRT1 &amp; PRT2)</b>	
Full hardware handshaking control, providing radio, modem and Multi-drop support	
Software configurable communication parameters	Baud rate: 110 to 115,200 baud, depending on protocol RS-232, 485 and 422 Parity: none, odd or even Data bits: 5, 6, 7, or 8 Stop bits: 1 or 2 RTS on/off delay: 0 to 65535 ms
App Ports (P1,P2) (Serial modules)	RJ45 (DB-9M with supplied cable) RS-232 handshaking configurable 500V Optical isolation from backplane
Shipped with Unit	RJ45 to DB-9M cables for each port 6-foot RS-232 configuration cable

## Functional Specifications

Some of the general specifications include:

- Support for the storage and transfer of up to 5000 registers to/from the ControlLogix processor's data files
- Module memory usage that is completely user definable
- Two ports to emulate any combination of master or slave device

Configurable parameters include:

Parameter	Value
Protocol	RTU or ASCII
Baud Rate	9600
Parity	None
Data Bits	8
Stop Bits	1
Minimum Command Delay	0 to 65535 milliseconds

## Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

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## Ordering Information

To order this product, please use the following:

**MVI56-CLVM** Command Language Master Communication Module

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