



## HART Multidrop Master Communication Module

### MVI56-HART

*The HART protocol is supported by major instrument suppliers and the HART Communication Foundation (HCF).*

*Today, HART is the most widely used digital communications protocol for instruments in the process control industry. More than 105 manufacturers support HART with a choice of more than 170 different field instruments.*

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The MVI56 HART Multidrop Master Communication Module is a ControlLogix backplane-compatible module that allows ControlLogix processors to interface easily with HART compatible devices. Devices commonly supporting the protocol include pressure, temperature, flow transmitters, as well as other similar instruments commonly found in the process (and other) industry.

HART® is a registered trademark of the HART Communication Foundation

### Features and Benefits

The MVI56-HART Master Communication Module allows Rockwell Automation ControlLogix I/O compatible processors to easily communicate with HART slave devices. The MVI56-HART module interfaces up to 15 devices on each HART channel with the Rockwell Automation ControlLogix processor. Four channels on the module support master protocol commands to interface with slave devices on their own networks. Each port is individually configurable. Data is exchanged between the HART network and the Rockwell Automation ControlLogix processor backplane using the internal database contained in the module and direct control by the controller's ladder logic and pre-defined data objects (5000 registers maximum).

The MVI56-HART module is the perfect solution for industrial applications in chemical and refining operations, to gas and liquid distribution systems, and remote offshore monitoring stations are addressing virtually all aspects of control, data acquisition, and maintenance.

### 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

