



## EtherNet/IP Client/Server Communication Module

### MVI71-DFNT

*With the growing trend of Ethernet technology in the industrial marketplace, this product has a wide variety of application uses. Industries that use this technology include:*

- Food Processing
- Petrochemical
- Pulp and Paper
- Automobile Manufacturing

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The MVI71 EtherNet/IP (DF1 for Ethernet) Client/Server Communication Module is a PLC backplane compatible module that allows PLC processors to interface easily with EtherNet/IP protocol (Explicit Messaging) compatible devices and hosts. Devices commonly supporting the protocol include Rockwell Automation PLCs, and host HMI systems.

### Features and Benefits

The MVI71-DFNT module is a single slot solution that provides a powerful connection between Rockwell Automation's PLC processor and EtherNet/IP (DF1 for Ethernet) network applications.

The module can send read or write commands to remote devices on the EtherNet/IP network. The MVI71-DFNT also has 20 servers that allows the module to receive commands from remote devices. The MVI71-DFNT Pass-Through server allows the user to edit and transfer the PLC ladder logic using an Ethernet connection. Up to 100 commands can be configured by the user.

### 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

