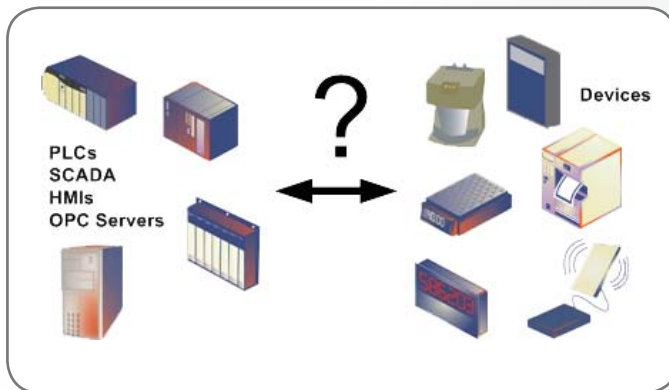


DeviceMaster[®] UP | Industrial Ethernet Gateways



“Is it really that easy?”

The most common customer support question logged for the DeviceMaster UP gateway



At Control, we believe gateways should be intelligent, robust, and easy to use. And we enjoy explaining that **“Yes, it really is that easy”**.

With its web-based configuration, example programs, and simplified interfaces, the DeviceMaster UP delivers near plug-and-play Industrial connectivity.

The DeviceMaster UP provides innovative EtherNet/IP, Modbus, and PROFINET IO connectivity to a wide variety of devices. It can enable you to quickly connect **PLCs** and applications to devices such as **barcode scanners, RFID readers, weigh scales, vision systems, printers, encoders, and sensors**.

If you need PLC connectivity and want it done quickly and easily, the DeviceMaster UP is the solution for you.

HIGHLIGHTS

- **Protocol Flexibility** — EtherNet/IP, PROFINET IO, Modbus/TCP, Modbus/RTU, Modbus/ASCII
- **DualConnectPlus™ Technology**—simultaneously connects both serial and Ethernet TCP/IP devices to PLCs and/or applications
- **Web-based configuration**—makes configuration changes quick and easy
- **Large received packet support** — up to 1518 bytes serial and 2048 bytes Ethernet TCP/IP
- **Intelligent packet identification** — intelligent start/end transmission character handling
- **Received packet size control** — truncate or drop oversized packets
- **Low latency** — typically less than 10 ms
- **Diagnostic Capabilities** — informative message logs, communication, and status pages
- **Daisy Chaining** — on select models, dual Ethernet ports for daisy chaining network connections between multiple units
- **Variable power input**—eliminates the need for power converters
- **Temperature rated for extreme conditions**—operating temperature of -37° to 74°C enables DeviceMaster UP to function in a wide variety of harsh environments
- **Rugged housing**—with panel, rack, and DIN rail mounting options
- **PortVision™ Plus enterprise monitoring and management software**—enables user to view status, update firmware, and resolve issues remotely
- **RoHS Directive 2002/95/EC compliant**
- **Available Models** —1-port, 2-port 1E, 2-Port 2E, 4-port, and embedded

Modbus Solution Highlights

Three separate firmware applications for maximum flexibility.

Modbus/TCP Firmware:

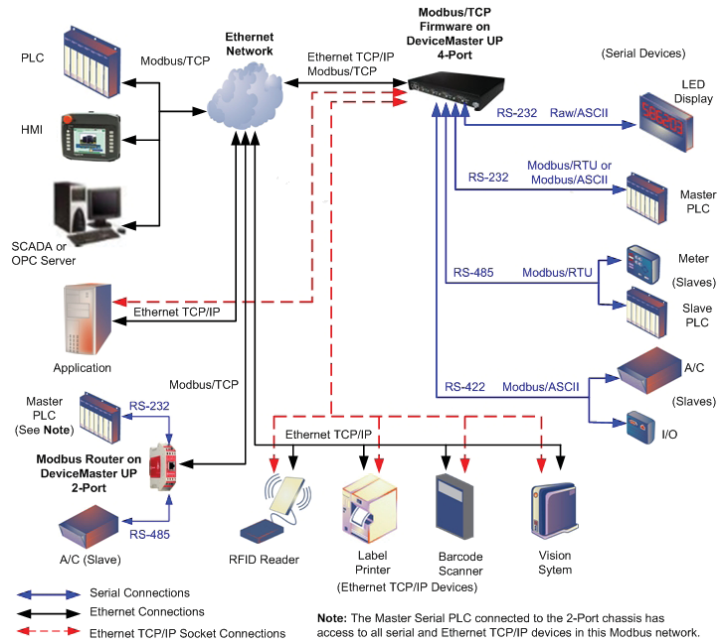
- Many **unique Raw/ASCII handling features**
- Multiple Modbus master and slave types
- **Automatic protocol conversions and routing**

Modbus Router Firmware:

- More Modbus master and slave types
- **Automatic protocol conversion and routing**
- Turn **serial Modbus masters into Modbus/TCP masters** for network wide connectivity

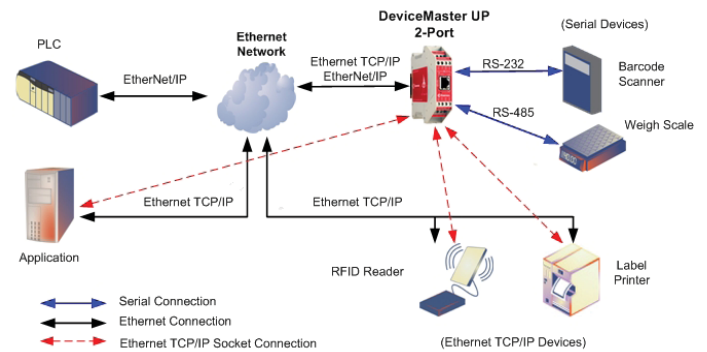
Modbus Server Firmware:

- Modbus/RTU over Ethernet master(s) to serial slave(s)
- Up to **six Ethernet connections** per serial port



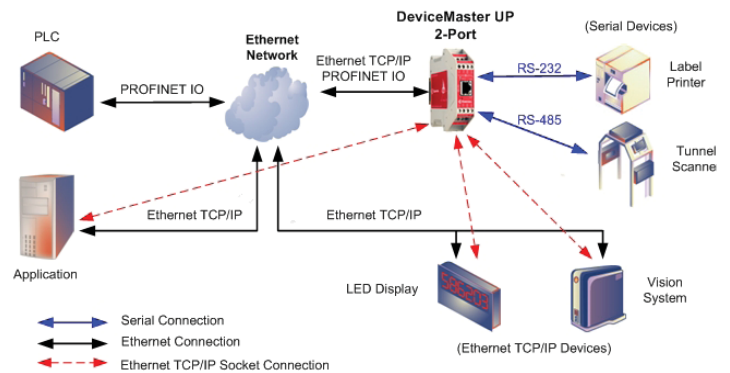
EtherNet/IP Highlights

- **Supports Allen Bradley** ControlLogix, CompactLogix, FlexLogix, SoftLogix, SLC 5/05, PLC-5, and MicroLogix PLCs
- **Three methods of receive communication to the PLC**—Write-to-Tag/File, Write-to-Tag/File-Synced, and Polling
- **Vendor Specific CIP objects**—configuration, data transfer, and statistics



PROFINET IO Highlights

- **Supports** all PROFINET IO enabled PLCs
- **Low-latency updates** - cycle times of 8ms IO with packets less than 220 bytes
- **Lab certified** to PROFINET standards



PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

Comtrol offers a 30-day satisfaction guarantee and 5-year limited warranty.

Sales Support

+1.763.957.6000
sales@comtrol.com

Technical Support

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