



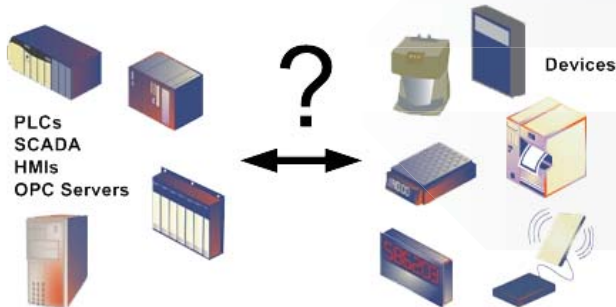
# DeviceMaster UP

## 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:

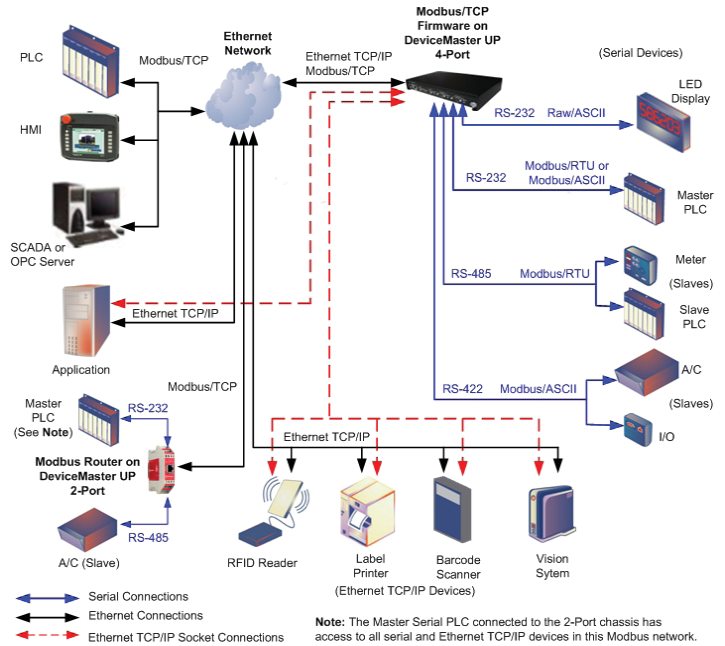
- Many **unique Raw/ASCII handling features**
- Multiple Modbus master and slave types
- **Automatic protocol conversions and routing**

### 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

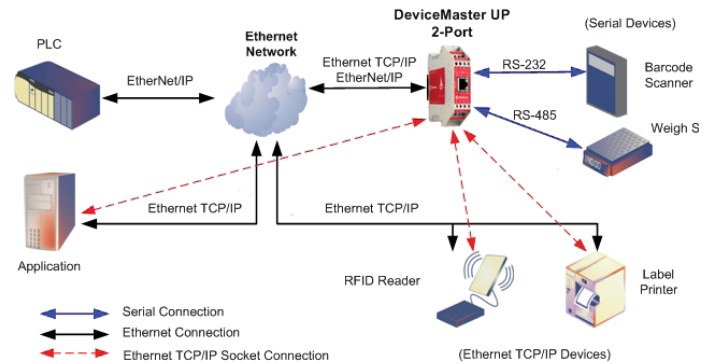
### Modbus Server Firmware:

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



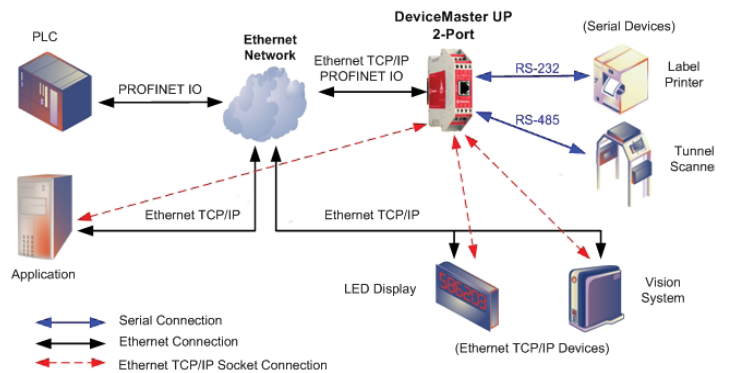
## EtherNet/IP Highlights

- 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

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

### Sales Support

+1.763.494.4100  
sales@control.com

### Technical Support

+1.763.494.4100  
www.control.com/support

### Email, FTP, and Web Support

info@control.com  
ftp.control.com  
www.control.com

