



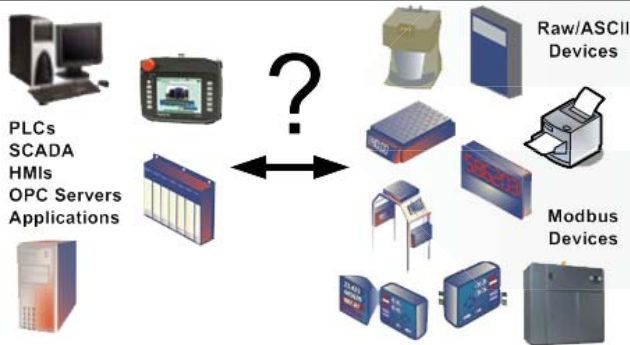
DeviceMaster UP

Modbus Solutions



“Can it really do all that?”

The most frequently asked question about the DeviceMaster UP Modbus capabilities



At Control, we are focused on providing the most flexible and robust Modbus gateways available today. From simplified configuration pages to innovative functionality to informative diagnostic information, we intend to make your job easier. And we enjoy explaining that “Yes, it really can do all that”.

To meet the need for increasingly diverse Modbus installations, Control has developed **three unique Modbus firmware applications** that provide a wide range of Modbus connectivity. Simple connections or complex Modbus networks, you can do it all with a DeviceMaster UP.

You can quickly and easily connect many different **PLCs, SCADA systems, OPC Servers, HMIs** and applications to a vast array of devices. **Barcode scanners, weigh scales, vision systems, encoders, HVAC systems** - just a few of the many devices currently in operation.

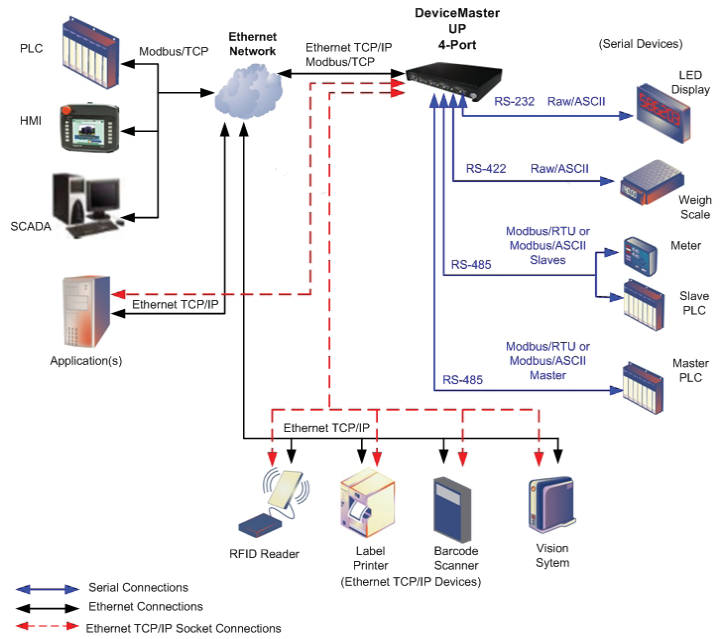
If you need Modbus connectivity and want it done quickly and easily, the DeviceMaster UP is the solution for you.

HIGHLIGHTS

- **Protocol Flexibility** — Modbus/TCP masters and slaves, Modbus RTU/ASCII serial master and slaves, Modbus RTU/ASCII over Ethernet masters
- **DualConnectPlus™ Technology**— simultaneously connects both serial and Ethernet TCP/IP devices to PLCs and/or applications
- **Advanced Raw/ASCII support** — Peer-to-Peer Modbus/TCP, Command/Response mode, large received packet handling
- **Web-based configuration** — makes configuration changes quick and easy
- **Low latency** — typically less than 10 ms
- **Diagnostic Capabilities** – informative message logs, communication, and device 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

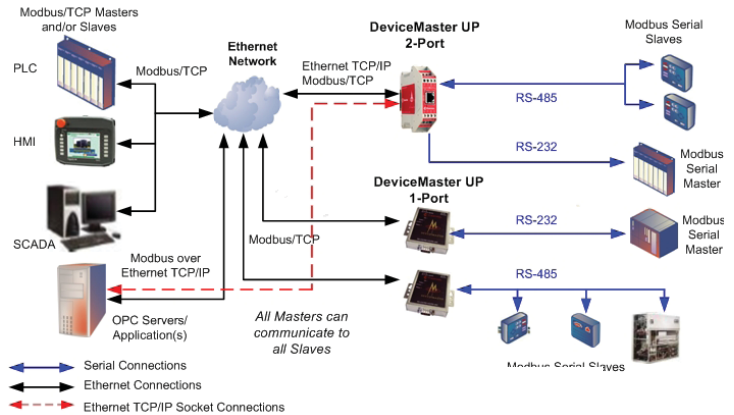
Modbus/TCP Firmware

- Highly flexible, with an emphasis on **Raw/ASCII** devices
- Also supports **Modbus RTU/ASCII** slave devices
- Connect **Raw/ASCII** devices to Modbus/TCP and Modbus RTU/ASCII serial controllers
- **Automatic protocol conversions and routing**
- Connect **Modbus/TCP** and **Modbus RTU/ASCII** serial masters to Modbus RTU/ASCII serial slaves
- Many **unique Raw/ASCII** handling features
- Simultaneously connect **multiple Modbus** masters to individual devices



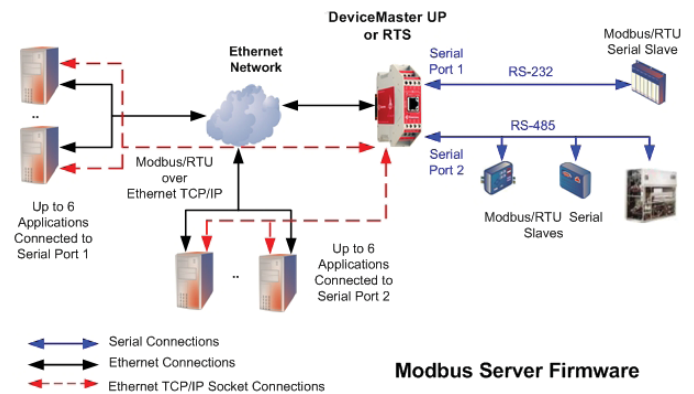
Modbus Router Firmware

- Provides **increased Modbus** connectivity options
- Additional Modbus master and slave types
- **Automatic protocol conversion and routing**
- Turn **serial Modbus** masters into Modbus/TCP masters for network wide connectivity
- Connect Modbus masters to **Modbus** devices anywhere on a network
- Simultaneously connect **multiple Modbus** masters to individual slave devices



Modbus Server Firmware

- Connect Modbus/RTU over Ethernet master(s) to serial slave(s)
- Provides up to **six Ethernet** connections per serial port
- Runs on any DeviceMaster UP or RTS chassis



Modbus Server Firmware

PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

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

Sales Support

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