

WATTSOn ETHERNET MANAGEMENT GATEWAY

FEATURES:

- ◆ Real-time monitoring via web interface (HTTP/HTTPS)
- ◆ Highly customizable data posting via HTTP
- ◆ View WattsOn configuration information
- ◆ Modbus/TCP to Modbus/RTU bridge
- ◆ Small size, DIN mount
- ◆ VDC/VAC power supply
- ◆ Highly configurable
- ◆ Low cost



APPLICATION:

The ETnet module is ideal for accessing WattsOn devices on an Ethernet network, or over the internet.

The ETnet brings real-time monitoring capabilities to the WattsOn universal power transducer, through a powerful and dynamic web interface. The ETnet also enables data collected from the WattsOn device to be sent to a remote web server via customizable HTTP POSTs.

SPECIFICATIONS:

Power: 9-32 VDC (100mA) or 12-24VAC (100mA)

RS-485: Modbus/RTU (All WattsOn devices)

Ethernet: 10/100Mbit, full/half duplex, auto negotiation.
Supports DHCP
Software tools for detection/configuration.
Web interface for configuration and monitoring.

Interfaces: HTTP, HTTPS/SSL, HTTP Authentication, Telnet, SSH, FTP, TFTP

Posting: HTTP, HTTP Authentication, customizable format (XML, JSON, CSV, plain text, etc.)

Mounting: DIN Rail Mount (LxWxH = 27mm x 96mm x 42mm)

PRODUCT DESCRIPTION:

The ETnet module is an internet interface for the WattsOn device. It provides a dynamic AJAX-enabled web-interface to configure the device and display real-time readings from the WattsOn Universal Power Transducer. The ETnet can also send data collected by the WattsOn to a web server via HTTP POST at regular intervals, using a highly configurable template-based format — it can be configured to use XML, JSON, CSV, or any custom format. The ETnet will also store a backlog of data in the event of a network outage to ensure any post information is not lost due to network or server outages.

While the ETnet was designed to give internet-based monitoring and data reporting capabilities to WattsOn devices, it also functions as a general purpose Modbus/TCP to Modbus/RTU bridge, so that it can be used with existing Modbus aware software and devices. A WattsOn device can be connected directly to the ETnet's RS-485 serial port or through an external Modbus/TCP to Modbus/RTU gateway over the network.

The ETnet supports DHCP, BOOTP and AUTOIP. A Windows® utility is used to detect and configure the network parameters from a Windows PC. In addition to the web interface allows for full device configuration.

ORDERING INFORMATION:

ETNET fully describes this product