

OW-SERVER-ENET

QUICK START GUIDE



1. Apply power to the OW-SERVER-ENET. The Yellow PWR/ACT LED will flash at a one second rate, indicating that the product is operating normally.
2. Connect an Ethernet cable to the OW-SERVER-ENET Ethernet connector, attaching the other end of cable to your network. The green LED on the connector will light, indicating network connection. The yellow LED lights only when there is network traffic. NOTE: This is a 10 BASE-T only device.
3. Connect your 1-Wire Device to the OW-SERVER-ENET RJ12 connector. NOTE: OW-SERVER-ENET does not have any internal 1-Wire devices. With no devices connected, the webpage will display and function properly, but with no data.
4. Determine the OW-SERVER-ENET IP Address. The OW-SERVER-ENET is shipped with DHCP (Dynamic Host Configuration Protocol) enabled. The default Host name for this device is: EDSOWSERVER. If your network has a DHCP server, an IP address will be automatically assigned, but you must still determine the address. One option for obtaining the IP address is to use the EDS – Ethernet Discoverer Program. This is a Windows based program that displays all of the 1-Wire server devices connected to the network and their associated addresses. This program is available from EDS.

5. Simply type this IP address in the address line of the browser of your choice and press enter. A webpage similar to the one shown below should display.

Embedded Data Systems

Ethernet to 1-wire Interface

- Overview
- Devices
- Configuration

Firmware Version: 0.02
Devices connected: 2
Device poll count: 117018
Connection status: OK

Data activity
 Enable auto update

Name	Health*	Description	Value
DS18B20	8	Programmable resolution thermometer	22.75 Deg C
DS2406	8	Dual addressable switch plus memory	A=0, B=0

*Health ranges from 0 to 8, 0 is disconnected, 8 is healthy

This product provides an Ethernet interface to a 1-wire bus, where multiple 1-wire devices can be controlled simultaneously. The data on this page is continuously updated. This is accomplished by retrieving, on a timed basis, the XML file [status.xml](#) from the embedded device and updating the corresponding fields (using AJAX techniques).

In addition to the HTTP interface described above, the device supports SNMP.

For more information on this or any other Embedded Data Systems product, please refer to www.embeddeddatasystems.com.

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6. **CONTRATULATIONS!** You have successfully installed your Embedded Data Systems' OW-SERVER-ENET. Please refer to the Operation Manual for further information.