

# Wireless Receiver for Web-Based Monitoring

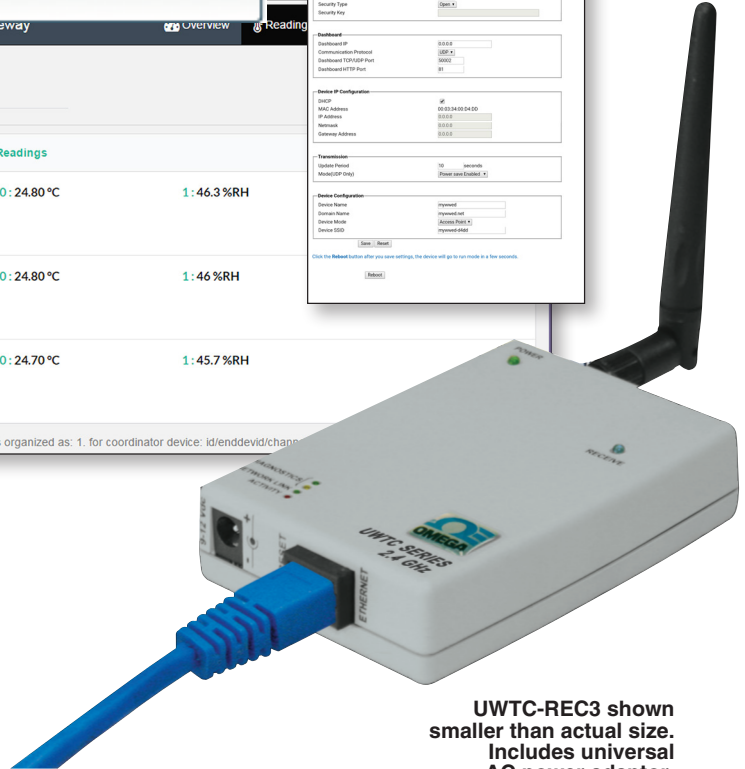
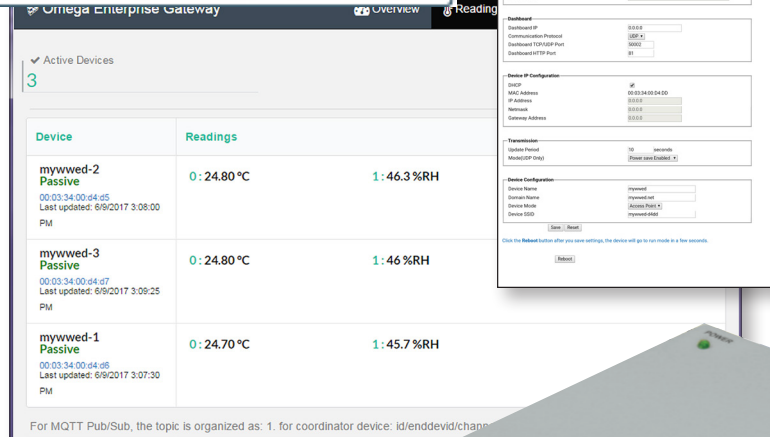


UWTC-REC3



- Connects Directly to Ethernet and Internet
- Web Server
- Works with UWTC, UWRTD, UWRH, UWIR, and UWXL Series Wireless Connectors or Probe Assemblies
- Alarms by E-mail or Text Message
- No Special Software Required
- RoHS 2 Compliant

**Product Discontinued**



UWTC-REC3 shown smaller than actual size. Includes universal AC power adaptor.

The OMEGA™ UWTC-REC3 receiver lets you monitor and record temperature and humidity over an Ethernet network or the Internet without any special software—just your web browser. The receiver is an independent node on the network sending and receiving data in standard TCP/IP packets. It is easily configured from a web browser and can be password protected. The UWTC-REC3 can trigger an alarm if variables go above or below your set-point. Your alarm can be sent by e-mail to a single user or to a group distribution list, including text messages to cell phones and PDA's. The OMEGA "Mail Notifier" software is a free and easy-to-use program for this application.

The UWTC-REC3 receiver serves active web pages to display real time temperature and humidity readings and charts. You can also log data in standard data formats for use in a spreadsheet or data acquisition program such as Excel or Visual Basic. Omega offers a free, user-friendly program for logging data to Excel.

Omega offers an OEG software that makes it easy to integrate the UWTC-REC3 wireless receiver with many popular data acquisition and Automation programs. Omega Enterprise Gateway (OEG) software is available online for download.

## SPECIFICATIONS

**Ethernet:** 10Base-T (RJ45)

**Supported Protocols:** TCP/IP, ARP, ICMP, DHCP, DNS, HTTP, and Telnet

**LED Indicators:** Network Activity, Network Link, Diagnostics, Receive and Power

**Management:** Device configuration and monitoring through embedded WEB server

**Embedded WEB Server:** Serves WEB pages (JAVA™ Applets) containing real-time data and live updated charts within definable time intervals

## Power

**Power Input:** 9 to 12 Vdc

**Consumption:** 2.5 W max

**Safety Qualified AC Power Adaptor (Included)**

**Nominal Output:** 9 Vdc @ 0.5 A

**Input:** 100 to 240 Vac, 50/60 Hz

## Wireless Communication

**Protocol:** IEEE 802.15.4, DSSS

**Frequency:** 2.4 GHz, 12 channels

**Network Topology:** Star topology

**Range:** Up to 450 m (1500') without obstructions or interference environment (dependant on specific transmitter)

**Operating Temperature:** 0 to 70°C (32 to 158°F), 90% RH non-condensing

**Storage Temperature:** -40 to 125°C (-40 to 257°F)

## General

**Agency Approval:** FCC

**Software:** configuration software for the Ethernet interface; an Excel based software for automatic data logging; email alarm notification software

## Works with Models:

UWTC-1, UWTC-2, UWTC-NB9, UWTC-2-NEMA, UWRTD-1, UWRTD-2, UWRTD-NB9, UWRTD-NB9W, UWRTD-2-NEMA, UWRTD-S-2, UWIR-2-NEMA, UWRH-2, UWRH-2-NEMA, UWXL-24-TC, UWXL-24-RTD, UWXL-24-IR, UWXL-24-RH

**Note:** Because of transmission frequency regulations, these products may only be used in the US, Canada, Europe and China.

## To Order

Model No.	Description
UWTC-REC3	32-channel wireless receiver/host with ethernet

Comes complete with AC adaptor, USB programming cable for transmitter, measurement/data logging software, and operator's manual.

**Ordering Example:** UWTC-REC3, 32-channel receiver, with UWTC-1, thermocouple to wireless transmitter visit OMEGA.