



# Wireless Relative Humidity/ Temperature Transmitters

UWRH-2  
Starts at  
**\$169**



UWRH-2 transmitter, \$169, shown smaller than actual size.

**For Available Receivers, See Pages W-19 to W-26**

- ✓ Measure Both Relative Humidity and Temperature
- ✓ Transmit up to 120 m (400')
- ✓ Available with NEMA 4X (IP65) Weather Resistant Enclosure
- ✓ Free Software Converts Your PC Into a Multi-Channel Chart Recorder or Data Logger
- ✓ Transmits Relative Humidity, Ambient Temperature, Signal Strength and Battery Status
- ✓ Works with All UWTC Series Wireless Receivers and Transceivers

## Specifications (See page W-27 for complete specifications)

**Temperature Range:**  
-17 to 49°C (2 to 120°F)  
**Accuracy:** ±1°C (±1.8°F)  
**Relative Humidity Range:** 2 to 98% RH  
**Accuracy:** ±2.5% RH from 20 to 80% RH; ±3.5% RH below 20 and above 80% RH @ 25°C (76°F)

**Operating Environment:**  
-10 to 70°C (14 to 158°F)

**Battery Life (typical):**  
UWRH-2: 1 year  
UWRH-2-NEMA: 3 years at 1 sample/minute reading rate @ 25°C (77°F)

**FCC/Industry Canada Approved**

OMEGA's new Wireless Relative Humidity transmitter features a stand-alone, compact, battery powered NEMA design that transmits measurements back to a host receiver up to 120 m (400') away. When activated the wireless transmitter will transmit readings continuously at pre-set time interval that was programmed by the user during the initial setup. Each unit measures and transmits: Relative Humidity Reading, Ambient Temperature, RF Signal Strength and Battery Condition to the receiver and is displayed on your PC screen in real time using the provided software.



**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
UWRH-2	\$169	RH/temperature transmitter, compact enclosure
UWRH-2-NEMA	235	RH/temperature transmitter, NEMA enclosure
UWTC-ANT-LR	15	Optional directional antenna for UWRH-2
UWTC-BATT	15	Replacement battery for UWRH-2, 3.6V, "AA" lithium (one included)
UWTC-BATT-C	25	Replacement 3.6V battery assembly for UWRH-2-NEMA (one included)
UWTC-CABLE	5	Spare programming cable

**Note:** USB programming cable and FREE measurement and data logging software are both included with compatible UW Series wireless receivers and transceivers.

Comes complete with 3.6V lithium battery assembly, mounting bracket and operator's manual.

**Ordering Examples:** UWRH-2-NEMA, wireless relative humidity/temperature transmitter, UWTC-REC1, 48-channel receiver and UWTC-BATT-C, spare battery, \$235 + 235 + 25 = \$495.

UWRH-2, wireless RH/temperature transmitter, UWTC-REC1, 48-channel receiver and UWTC-BATT, spare battery, \$169 + 235 + 15 = \$419.



UWRH-2-NEMA, \$235.



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
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#### CANADA

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### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

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### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters