

Thank you for purchasing a OM-EL-WiFi-TP sensor. This device measures the temperature of the environment in which the probe is situated and transmits data to a PC via WiFi. This quick start guide provides basic information to help you use your new product.

Getting Started

Your sensor will arrive partly charged but ideally you should charge it for 24 hours before use for optimum performance.

Your sensor is already displaying a temperature reading but it will not be configured or connected to your WiFi network until you complete the product set-up.

Your sensor is set-up using a free software package called EL-WiFi which is available at www.omega.com. Click on the downloads icon and select the EL-WiFi download for the latest version of software. Once this package is installed you're ready to set-up your sensor.


Getting to know your Sensor



Changing Sensor Settings

This is done via EL-WiFi. Open the software package, click on the 'View Sensors' icon, select the sensor you wish to change and click on the 'Adjust Sensor Settings' icon. The software will lead you through the options that can be amended.

Recharging

The sensor will automatically start recharging whilst connected to a PC or USB charger. This is indicated with a battery symbol . The battery life of your sensor depends on the regularity of transmissions. Battery life is indicated on the 'Existing Sensors' software screen accessed via the 'View Sensors' button or on the unit itself. When the flashing low symbol **LOW** appears on the sensor LCD you should recharge the unit with the USB cable provided. Whilst recharging the unit accuracy tolerance will be exceeded.



Wall Bracket

Your sensor is a free standing product but it also comes with a click-in bracket so that the product can be clearly displayed and attached onto a flat surface or wall. When using the bracket or probe foam pad ensure it is stuck to a clean, dry surface.



Set-Up

First ensure the probe is plugged in to the sensor then click on the EL-WiFi software icon which is now on your PC desktop to open the package and then click on the 'Set-Up Sensor' button. You can now work through the different stages of set-up which include establishing the WiFi connection between your sensor and your PC, naming each sensor, setting alarms, sample rate and temperature scale.



Viewing Sensor Data

Basic data can be viewed on the screen of the sensor.

To view this data press the button to cycle through the different screens.



Detailed information and graphical data needs to be viewed via the EL-WiFi software package already downloaded to enable set-up. Open the package and click on the 'View Sensors' button.

Sensor Placement

When placing your sensor consider local heat sources and radio obstructions. For optimum WiFi performance you may need to try positioning your sensor in various different locations/positions. Any physical obstructions between your router and sensor will affect the range of the sensor. WiFi extenders can also be used to gain improvements.

The signal strength of the sensor is displayed on the LCD (see above). Number 10 is a strong signal, number 1 is a weak signal. When on this screen, the user will automatically activate an immediate transmission that will send any stored readings. If the syncing screen is displayed data is being transferred.

The signal icon has three states: not displayed – the sensor has not yet been set-up and configured to a WiFi network, flashing – not communicating with EL-WiFi software, solid – successful communication with EL-WiFi software.

