EL-WiFi-TP

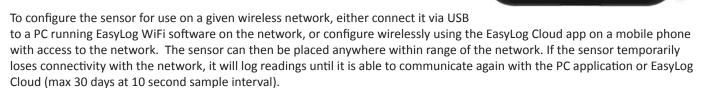
External Thermistor WiFi Temperature Sensor



300

- Thermistor probe temperature measurement range -40 to +125°C (-40 to +257°F)
- Wirelessly stream and view data on the EasyLog Cloud, App or on a PC
- Easy sensor set-up using free PC software application
- View and analyse multiple sensors, including graphing of historic data
- Configurable high and low alarms with indicator
- Sensor memory stores all data even if WiFi is temporarily disconnected

The EL-WiFi-TP measures the temperature of the environment in which the probe is situated. Data is streamed wirelessly over any compatible WiFi network and can be viewed on a PC using free software or on the EasyLog Cloud or App.



The sensor is IEEE 802.11bgn* (2.4GHz) compliant, supports WEP, WPA/WPA2 encryption and enterprise networks (PEAP, TTLS, FAST).

The EL-WiFi-TP has a protection rating of IP42 and the probe IP67. The unit is freestanding, but can be attached to a wall or surface using the bracket provided. The unit can be clipped in and out of the bracket as required.

SPECIFICATIONS

Minimum	Typical	Maximum	Unit
	>6		Months
4.5	5.0	5.5	Vdc
-20 (-4)		+60 (+140)	°C (°F)
10 sec	10 min	12 hrs	
1 min	1 hr	24 hrs	
-40 (-40)		+125 (+257)	°C (°F)
	0.1 (0.2)		°C (°F)
	0.1		
	±0.8°C/±1.5°F (-15 to +70°C/ +5 to +158°F)	±1.5°C/±3°F (-40 to +125°C/ -40 to +257°F)	°C/°F
Logger IP42, Probe Tip IP67 (Bung fully inserted, not permanently powered, probe connector fitted and fully inserted, device mounted vertically.)			
82 x 70 x 23mm (3.22 x 2.75 x 0.91")**			
	4.5 -20 (-4) 10 sec 1 min -40 (-40)	>6 4.5 5.0 -20 (-4) 10 sec 10 min 1 min 1 hr -40 (-40) 0.1 (0.2) 0.1 ±0.8°C/±1.5°F (-15 to +70°C/ +5 to +158°F) Logger IP42, Pr (Bung fully inserted, not permanently powinserted, device mo	>6 4.5 5.0 5.5 -20 (-4) +60 (+140) 10 sec 10 min 12 hrs 1 min 1 hr 24 hrs -40 (-40) +125 (+257) 0.1 (0.2) 0.1 ±0.8°C/±1.5°F (-40 to +125°C/+5 to +158°F) -40 to +257°F) Logger IP42, Probe Tip IP67 (Bung fully inserted, not permanently powered, probe connector fit inserted, device mounted vertically.)

ACCESSORIES

EL-P-TP	Replacement thermistor probe
PSU-5VDC-USB-USA	USB Mains Power Adapter for USA
PSU USB-UK	USB Mains Power Adapter for UK
PSU USB-EU	USB Mains Power Adapter for EU
EL-WiFi-Alert	Audible and Visual Alarm for EL-WiFi Data Logging Sensors

INCLUDED IN THE BOX

EL-WIFI WALL	Wall mounting
BRACKET	bracket for EL-WiFi
	sensors

EL-P-TP 1m Thermistor

Probe

CABLE USB A-MICRO B USB Type A to Micro B









CALIBRATION CERTIFICATES NOW AVAILABLE

Lascar now offers a Traceable Calibration Certificate Service on Temperature Data Loggers. Using reference equipment which has been calibrated by a UKAS/NIST accredited laboratory and using apparatus traceable to national or international standards. For more information please see www.lascarelectronics.com.



^{*} MAC Address starting 98:8B:AD:2...... only

^{**} Excluding probe and mounting bracket

EL-WiFi-TP

External Thermistor WiFi Temperature Sensor

EasyLog

EL-WiFi-WIN

Lascar's WiFi software* is available as a free download from: www.lascarelectronics.com/software/easylog-wifi. Easy to install and use, EL-WiFi-WIN allows easy connection of sensors to a WiFi network. The user can select where data is stored - the PC or the Cloud.



EasyLog Cloud Your Data. Anytime. Anywhere.

EasyLog Cloud harnesses the power of IoT to automate data logging and alert notifications, enabling you to monitor and manage multiple data logging devices in different locations completely remotely. The system easily scales to meet your needs. Perfect for compact systems with just a few measuring points, or corporate solutions with thousands of devices around the globe.

You will need to create an account at www.easylogcloud.com before setting up your cloud-connected data logger.



Features at a glance*



Store your data logging records securely on the Cloud



Connect multiple users with variable account privileges



Connect data loggers from multiple sites in a single account



Easily access your most important data, anywhere



Remotely manage all of your data logging devices



Never miss a critical event with flexible advanced notifications



Review and analyse your data with powerful graphing functionality



data events and system activity with a detailed event log

*Features depend on account type.

Battery Life and Power Supply

The battery can be recharged (unit must be between 0 - 40°C) via a PC, a USB +5V wall adapter, or a portable USB battery pack using the USB lead provided. It can also be permanently powered by a USB wall adapter or USB battery pack. Readings may be affected while the internal battery is being charged. However, once charged, continued connection of the charger will have no effect.

Battery life is dependent on: transmission period, WiFi encryption method, WiFi encryption key rotation frequency (determined by the router/access point), signal strength between router/access point and WiFi device, presence volume and type of WiFi traffic from other devices, sample rate and operating temperature.

Specifications liable to change without prior warning

*Requires Windows 7, 8.1, 10



