# **EL-MOTE-DTP+**

## High Accuracy Dual Channel Thermistor Probe Cloud-Connected Temperature Data Logger

- Measures temperature between -40 to +125 °C/-40 to +257 °F using two 75mm length barrel temperature probes on 3m cables
- Records and uploads temperature data to the EasyLog Cloud
- Access live temperature data via any Internet Browser or the EasyLog Cloud App
- Set up alarm options for temperature zone breaches email alerts, beeper alarms or LED flash alerts
- Suitable for indoor and outdoor use
- Battery life of up to 2 years

The EL-MOTE-DTP+ kit has been designed to monitor temperature in a large range of applications, using High Accuracy 75mm length barrel temperature probes on 3m cables. Ideal for monitoring locations perhaps difficult or inhospitable to the data logger itself, the EL-MOTE-DTP+ is ideal for monitoring refrigeration or storage units. This kit has 2 channels so you can monitor 2 separate areas simultaneously.

Products in the EL-MOTE range are simple to set-up and easy to use. Download the EasyLog Cloud App and pair up a device in minutes over your WiFi network. After set-up, the device can be placed anywhere within range of the WiFi network, continually monitoring and recording your data to the EasyLog Cloud. Access your data on any Internet Browser or the EasyLog Cloud App, enabling you to monitor the ambient temperature of your chosen location from anywhere at any time.

EL-MOTE devices can be programmed with high and low temperature alarm zones. If a temperature zone is breached, an alarm will be activated. Alarm options include: email alerts (which can be sent to one or multiple email addresses), beeper sound alarms, and LED flash alerts.

EL-MOTE devices can be powered using the supplied batteries or a mains adapter (sold separately), and are provided with a wall mountable bracket for installation.

## 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 loaaina records securely on the



Connect



Easily access



Remotelv



Never miss a critical event advanced

0

Review and analyse your data with powerful

Keep track of data events and system activity with a detailed event loa

\*Features depend on account type.





manage all of loggers from your most multiple users with variable multiple sites your data with flexible important data. account in a single logging anvwhere graphing Cloud account devices notifications privileaes functionality www.lascarelectronics.com/data-loggers

## **EL-MOTE-DTP+**

High Accuracy Dual Channel Thermistor Probe Cloud-Connected Temperature Data Logger



Logger Specification	Minimum	Typical	Maximum	Unit
Battery Life		2*		years
Battery Type	4 x 1.5V AA cells			
Operating Temperature (Powered by Batteries Supplied)	-18 (-0.4)		+55 (+131)	°C (°F)
Operating Temperature (Mains Adapter Powered)	-20 (-4)		+60 (+140)	°C (°F)
Logging Period (User Configurable)	10 sec	10 min	12 hrs	
Transmission Period (User Configurable)	1 min	1 hour	24 hours	
Dimensions	93 x 93 x 32 (3.7 x 3.7 x 1.3) mm (inches)			
IP Rating	67			

Probe Specification	Minimum	Typical	Maximum	Unit
Range	-40 to +125 (-40 to +257)			°C (°F)
Resolution	0.01 (0.01)			°C (°F)
Accuracy		±0.2 (-15 to +80) (±0.4 (+5 to +176))	±0.6 (-40 to +125) (±1.1 (-40 to +257))	°C (range) (°F (range))
Dimensions	Probe barrel: 75 x 5 (3 x 0.2)			mm (inches)
Cable Length	3000 (118)			mm (inches)
IP Rating	67			

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







\* 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. Logging period and transmission period can be configured in Settings via the EasyLog Cloud App.

### WHAT'S IN THE BOX?

#### WHAT EXTRA ACCESSORIES ARE AVAILABLE?

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	
EL-MOTE WALL BRACKET	Wall Mounting Bracket for EL-MOTE Device	EL-MOTE-PSU	Mains Power Adapter	
BATTERIES	1.5V AA x 4	EL-MOTE-P-TP+	High Accuracy Thermistor Probe, with a 75mm Barrel Length Probe on a 3m Cable	
	2 x High Accuracy Thermistor Probes, with a 75mm Barrel Length Probe on a 3m Cable			
		EL-MOTE WALL BRACKET	Wall Mounting Bracket for EL-MOTE Device	

Specifications liable to change without prior warning



### CALIBRATION CERTIFICATES NOW AVAILABLE

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

