EL-MOTE-T

Ambient Temperature Cloud-Connected Data Logger

- Measures ambient temperature between
  -20 to +60 °C/-4 to +140 °F when running on mains power
  (-18 to +55 °C/-0.4 to +131 °F when running on battery power)

- 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-T kit has been designed to monitor ambient temperature in a large range of applications, using a short probe at the base of the unit. Ideal for measuring ambient temperatures, the EL-MOTE-T is suitable for monitoring environments such as offices, warehousing and greenhouses.

Products in the EL-MOTE range are simple to set-up and easy to use. Download the EasyLog Cloud App and set-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 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	Keep track of data events and system activity with a detailed event log

*Features depend on account type.

LASCAR electronics

EL-MOTE-T

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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	-20 to +60 (-4 to +140)			˚C (˚F)
Resolution	0.1 (0.1)			˚C (˚F)
Accuracy			±0.5 (-20 to +60) (±1 (-4 to +140))	˚C (range) (˚F (range))
Probe Length	Probe extends 15 (0.6) beyond transmitter body			mm (inches)

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

CONTAINS FCC ID: YOPGS2011MIZ   R 211-140401

* 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?

PART NUMBER	DESCRIPTION
EL-MOTE WALL BRACKET	Wall Mounting Bracket for EL-MOTE Device
BATTERIES	1.5V AA x 4
EL-MOTE-P-T	Stub Temperature Probe

WHAT EXTRA ACCESSORIES ARE AVAILABLE?

PART NUMBER	DESCRIPTION
EL-MOTE-PSU	Mains Power Adapter
EL-MOTE-P-T	Stub Temperature Probe
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**

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