



EL-MOTE Range

Cloud-based temperature and humidity remote data logging

Lascar's new EL-MOTE range is a series of 8 temperature and temperature & humidity remote, WiFi data loggers. 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 data on any Internet Browser or the EasyLog Cloud App.



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



EL-MOTE set-up using simple a simple App

EL-MOTE devices are available with single and dual channel options, can be powered using the supplied batteries with up to 2 years battery life and are water resistant for use both indoors and outdoors.



Store your data logging records securely on the Cloud



Remotely manage all of your data logging devices



Connect multiple users with variable account privileges



Never miss a critical event with flexible, advanced notification settings



Connect data loggers from multiple sites in a single account



Review and analyse your data with powerful graphing functionality



Easily access your most important data, anywhere



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



DISTRIBUTOR HANDOUT

EL-MOTE-T	EL-MOTE-T+	EL-MOTE-TH	EL-MOTE-TH+	EL-MOTE-TP	EL-MOTE-TP+	EL-MOTE-DTP	EL-MOTE-DTP+
Temperature Range							
-20 to +54°C (-4 to +129.2°F)	-20 to +60°C (-4 to +140°F)	-30 to +80°C (-22 to +176°F)	-30 to +80°C (-22 to +176°F)	-40 to +125°C (-40 to +257°F)	-40 to +125°C (-40 to +257°F)	-40 to +125°C (-40 to +257°F)	-40 to +125°C (-40 to +257°F)
Temperature Resolution							
0.1°C (0.1°F)	0.01°C (0.01°F)	0.1°C (0.1°F)	0.01°C (0.01°F)	0.1°C (0.1°F)	0.01°C (0.01°F)	0.1°C (0.1°F)	0.01°C (0.01°F)
Temperature Accuracy							
±0.5°C (±1°F)	0.15°C (±0.3°F) Typical	±0.3°C (±0.6°F) Typical	±0.2°C (±0.4°F) Typical	±0.8°C (±1.5°F) Typical	±0.2°C (±0.4°F) Typical	±0.8°C (±1.5°F) Typical	±0.2°C (±0.4°F) Typical
Humidity Range							
N/A	N/A	0 to 100%RH	0 to 100%RH	N/A	N/A	N/A	N/A
Humidity Resolution							
N/A	N/A	1%RH	0.1%RH	N/A	N/A	N/A	N/A
Humidity Accuracy							
N/A	N/A	±2 Typical**	±1.8 Typical**	N/A	N/A	N/A	N/A
Probe Length							
Probe extends 15mm (0.6") beyond transmitter body	Probe extends 15mm (0.6") beyond transmitter body	Probe barrel: 37L x 12W (1.5L x 0.5W) Cable Length: 2000mm (79")	Probe barrel: 37L x 12W (1.5L x 0.5W) Cable Length: 2000mm (79")	Probe barrel: 75 x 5mm (3 x 0.2") Cable Length: 3000mm (118")	Probe barrel: 75 x 5mm (3 x 0.2") Cable Length: 3000mm (118")	Probe barrel: 75 x 5mm (3 x 0.2") Cable Length: 3000mm (118")	Probe barrel: 75 x 5mm (3 x 0.2") Cable Length: 3000mm (118")
Weight							
UK: 332.68g US: 11.73oz	UK: 332.68g US: 11.73oz	UK: 414.47g US: 14.62oz	UK: 414.47g US: 14.62oz	UK: 404.21g US: 14.26oz	UK: 404.21g US: 14.26oz	UK: 480.34g US: 16.94oz	UK: 480.34g US: 16.94oz
Box Dimensions (L x W x H)							
UK: 121x136x50mm US: 4.8x5.4x2"	UK: 121x136x50mm US: 4.8x5.4x2"	UK: 121x136x50mm US: 4.8x5.4x2"	UK: 121x136x50mm US: 4.8x5.4x2"	UK: 121x136x50mm US: 14.8x5.4x2"	UK: 121x136x50mm US: 4.8x5.4x2"	UK: 121x136x50mm US: 4.8x5.4x2"	UK: 121x136x50mm US: 4.8x5.4x2"
Export Code							
84701000							
ECCN No.							
UK: No Class US: EAR99							
List Price* (Ex. VAT or Sales Tax)							
UK: £72.50 US: \$99.95	UK: £89.95 US: \$119.95	UK: £99.95 US: \$139.95	UK: £119.95 US: \$169.95	UK: £99.95 US: \$139.95	UK: £124.00 US: \$185.00	UK: £116.50 US: \$173.00	UK: £166.50 US: \$248.00

General Specifications

Battery Life	2 Years*
Battery Type	4 x 1.5V AA
Operating Temperature (Battery Powered)	-20 to +54°C (-4 to +129.2°F)
Operating Temperature (Mains Adapter Powered)	-20 to +60°C (-4 to +140°F)
Logging Period (User Configurable)	10 secs to 12 hrs
Transmission Period (User Configurable)	1 min to 24 hrs
Dimensions	93 x 93 x 32mm (3.7 x 3.7 x 1.3")
IP Rating	67

* 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 App.

**Please refer to the charts in the datasheets for more detailed accuracy specifications.

What's in the box?

- 4 x 1.5V AA Batteries
- EL-MOTE Data Logger
- EL-MOTE Probe



Accessories

- EL-MOTE-PSU
- EL-MOTE Wall Bracket



Support

Lascar Electronics can provide a range of standard and custom promotional materials for websites, digital platforms, brochures and printed materials. Examples include product photography, datasheets, Power Point presentations, product literature and packaging.

For further assistance please contact:

UK Office: E: jonathan.abbott@lascar.co.uk
T: +44 (0) 1794 884 567

US Office: E: kelly.becker@lascarelectronics.com
T: +1 814 835-0621

HK Office: E: bryant.ku@lascar.com.hk
T: +32 852 2389 6502



Availability

The EL-MOTE range is available 04 June 2018.