

EL-MOTE-DTP

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 LogEasy Cloud
- Access live temperature data via any Internet Browser or the LogEasy 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 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 to monitor 2 separate areas simultaneously, perhaps a fridge and freezer.

Products in the EL-MOTE range are simple to set-up and easy to use. Download the LogEasy 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 Re5al Cloud. Access your data on any Internet Browser or the LogEasy 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.

LogEasy Cloud Your Data. Anytime. Anywhere.

Log Easy 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.



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.



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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	0.1 (0.1)			°C (°F)
Accuracy		±0.8 (-15 to +70) (±1.5 (+5 to +158))	±1.5 (-40 to +125) (±3.0 (-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 LogEasy 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-TP	2 x Thermistor Probes, with a 75mm Barrel Length Probe on a 3m Cable

WHAT EXTRA ACCESSORIES ARE AVAILABLE?

PART NUMBER	DESCRIPTION
EL-MOTE-PSU	Mains Power Adapter
EL-MOTE-P-TP	Thermistor Probe, 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 AVAILABLE

Re5al offers Calibration Reports and ISO 17025 certificates on request. We are accredited by the RvA. For more information please look at our website www.re5al.nl/kalibratie



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