PRO-MOTE-TH
Temperature & Humidity
Cloud-Connected Data Logger

• Measures ambient temperature between -30 to +80 °C/-22 to +176 °F and relative humidity 0 to 100 %RH
• Records and uploads temperature and humidity data to the EasyLog Cloud
• Access live temperature and humidity data via any Internet Browser or the EasyLog Cloud App
• Set up alarm options for temperature and humidity zone breaches – email alerts, beeper alarms or LED flash alerts
• Suitable for indoor and outdoor use
• Battery life of up to 2 years

The PRO-MOTE-TH kit has been designed to monitor air temperature and relative humidity in a large range of applications. Its external temperature and humidity probe made it an ideal choice for applications where it may be problematic to locate the whole device such as museum display cases and HVAC systems.

Products in the PRO-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 App, enabling you to monitor the ambient temperature and humidity of your chosen location from anywhere at any time.

PRO-MOTE devices can be programmed with high and low temperature and humidity alarm zones. If a temperature or humidity 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.

PRO-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

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.easylologcloud.com before setting up your cloud-connected data logger.

Features at a glance*

*Features depend on account type.

www.uk.rs-online.com/web
RS Components offers a Traceable Calibration Certificate Service on Temperature and Humidity Data Loggers using reference equipment which has been calibrated by a UKAS accredited laboratory and using apparatus traceable to national or international standards. For more information please see www.uk.rs-online.com.

Specifications liable to change without prior warning.
When tracking changes in ambient conditions, the response time of the humidity sensor in your data logger is approximately 20 minutes to reach 90% of the reading. However, if you are measuring step changes in humidity (for example if calibrating the product) it is advised that you leave the unit for up to four hours to ensure that it has enough time to settle at the new level.

It is worth remembering that the value of relative humidity is of course sensitive to temperature variation. As an example, at a relative humidity of ~90%RH at ambient temperature, a variation in temperature of 1°C will result in a change of up to -5%RH. Therefore when comparing multiple devices or calibrating them, any temperature variations must be considered.