



E-Log Alarm System

Sending alarm system for the DLHT datalogger

The **E-Log Alarm** software, that works in background, reads the data acquired by the **DLHT** connected via USB to the PC itself and, when the thresholds sets with the **DLHT** software are overpassed, the **E-Log Alarm** send an alarm email to the given addresses.

Pro

- constant control on temperature and humidity;
- immediate email alarm of data out of thresholds or data back within thresholds;
- data are stored in the memory of the **DLHT** anyway;
- 21CFR Part 11 compliant software (**DLHT**).

Applications

- Data Elaborating Centres constant control of temperature and humidity;
- on line control of temperature and humidity in rooms and environments.



Data recording
USB

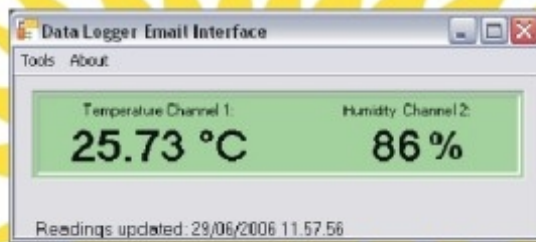


Thresholds controlled

Sends alarms of:

- data out of thresholds;
- alarm called off;
- low batteries;
- communication stopped.

E-Log Alarm



Internet

Sending alarms



From device 1 in Zone :4

Description of Alarms:
Temperature on channel 1 has exceeded the maximum threshold!
Temperature on channel 2 has exceeded the maximum threshold!

Temperature on Channel 1: 27,20
Temperature on Channel 2: 27,27

Alarm email

The System

The system is made up by:

- **DLHT** temperature and humidity datalogger;
- **DLHT** software;
- **E-Log Alarm** software.

Technical Features

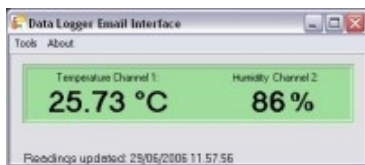


The **DLHT** can have a calibration certificate: the certificate guarantees the accuracy of the internal temperature and humidity sensor.

DLHT	
Size	6,8 X 11 X 2,7 cm
Temperature range	-20 °C ÷ +60 °C
Temperature resolution	0,25 °C
Temperature accuracy	±0,5°C at +25°C ±1°C from 0°C to +60°C
Humidity range	0% ÷ 100%
Humidity resolution	±2% (from 10% to 90%)
Humidity accuracy	0,1% RH
RH stability	<1%/year
N° acquisitions	500.000
Acquisition interval	From 1 every 5seconds to 1 every 255 minutes
Batteries	2 replaceable batteries AA 1.5 Volts
Battery life	2 years with standard use
Connections	USB connection to the PC



DLHT Software	
Operating Systems	Windows 2000, XP
Data management	Database organized on data loggers' serial number (unique for each) and description (customizable)
Protections	Multi-user and multi-level software (administrator, advanced and standard users)
Data display	Graph (with zoom) and table (exportable into Excel) and report of all the data printing
Parameters	Temperature and humidity thresholds can be set for the alarms, along with hysteresis
21CFR Part 11 compliant	Data cannot be changed; all operations recorded and associated to the user for traceability.
Languages	English, Italian



E-Log Alarm Software	
Operating Systems	Windows 2000, XP
Functions	Email alarm sent when the DLHT connected via USB to the PC records data out of thresholds
Parameters	All email parameters can be set (POP, SMTP, login, password). Alarms can be sent to multiple addresses
Languages	English



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UNI EN ISO 9001:2008 certified for Firmware and Software development