

How to choose the best monitoring system according to your needs?

Temperature and humidity monitoring devices and systems in several fields and applications. From warehouses to transport and process monitoring (drying etc.) and mapping: each solution is designed specifically on the different application needs, with dedicated software and accessories.

Series of temperature and humidity data loggers directly connected to the PC USB port to be programmed and downloaded. Using the DGraph software, downloadable from Tecnosoft website, it is possible to display data, analyse them, print reports and export them in excel and other formats. There are several models of the logger, with and without display, with standard or high accuracy. Each logger has status and battery LEDs and a button to start acquisitions. Battery is user replaceable.

HumiUSB: temperature and humidity USB data logger **without display**.

HumiUSB-L: temperature and humidity USB data logger with display

HumiUSB-HL: temperature and humidity USB data logger with display and **high accuracy**

Easy to use. No extra accessory: Just connect the logger to your PC USB port and download the DGraph software. You are ready to go



Main features:

- HACCP and EN12830 regulations complaint
- Multi-Graph display on the software
- Provided with verification of calibration certificate Accredia (NIST equivalent) traceable (on demand)
- Dew point calculated by the software
- Status LEDs and start button with customizable alarm limits
- Customizable access password for the logger
- Long battery life
- Mounting brackets included

Model	HumiUSB TS17URH	HumiUSB-L TS17URHL	HumiUSB-HL TS17URHH
Dimension (mm)	123 X 37 X 23 (mm)		
Weight	58 g		
Temperature range	-35°C to +80°C		
Temperature resolution	0.1 °C		
Temperature accuracy	± 0.5 °C		± 0.2 °C
Standard calibration points	5/30/50°C		
Extra calibration points (optional)	-35 to +80 °C		
Humidity range (not condensing)	0 to 100% RH		
Humidity resolution	0.1%		
Humidity accuracy	± 3%		
Standard calibration points	30/50/70%		
Extra calibration points	10 to 90% RH		
Memory (No. of acquisitions)	32,000		
Communication	USB		
Display	NA	Current value	
Alarm	Local visual		
Acquisition step	From 2 secs to 12hrs		
Battery life	2 years @ 1-minute acquisition step		
Protection degree	IP66		

Application and advantage:

- Transport monitoring
- Warehouses
- Environment control
- Museums
- Laboratories
- Green houses

Software

SPD: Dgraph software. It is freely downloadable from Tecnosoft website.