

Temperature and Humidity USB Data Loggers

multicomp^{PRO}

RoHS
Compliant



MP780620

MP780621

Descriptions

The data loggers are ideal for monitoring temperature(or humidity).

User installs USB driver and DGraph software that run under Windows XP, Vista, 7, 8 or 10(32 bit and 64 bit Versions). and use the software to setup sample rate, high/low alarm limit and start/stop method , and download data to PC, etc. And then view, analyze and print the data, or export other file formats(txt, xls, csv, bmp, jpg).

Especially, in professional applications, user can set access password, name each channel, enable/disable specified channel, input calibration data for each channel, disable LED indication for saving power, and select sample mode(Instant, Average, Maximum and Minimum), etc.

Features and Functions

- Large scale HTN LCD display
- Sound and light alarm when exceeding limit.
- Real time clock
- USB interface communicate with PC
- Free software to setup, download and analyze
- Set access password fo each data logger
- LCD shows readings, status and alarm
- Start method: immediately, button, start at time
- Stop method: button, memory full, points finished
- Support FIFO cycle recording mode
- Replaceable battery and data not lost if exhausted
- Two point calibration for each channel
- Alarm limit settings for all channels
- Support to create compound graph
- Support to create new unit easily
- Name each channel and enable/disable it
- User configurable graph settings
- Support that several loggers shown together
- To save as txt, xls, csv, bmp, jpg

Applications

These data loggers are used mainly to monitor and verify temperature(or humidity) sensitive goods, equipment or areas.
Example: Refrigeration, Warehouse, HVAC, Food&Pharmaceutical.

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Specifications and Selection Guide

Model	MP780620	MP780621
Channels	Temperature / Humidity	
Range	-30°C to +70°C 0%rh to 100%rh	-40°C to +125°C 0%rh to 100%rh
Accuracy	±0.5°C ±3.5%rh	±0.3°C ±3%rh
Resolution	0.1°C, 0.1%rh	
Operation Environment	-30°C to 70°C	
Storage Environment		
Size (mm) Weight	120g × 74g × 24mm,130g	
Protection Class	IP30	
Interface: USB(it can power for device) Battery: AAA battery Readings memory(total for all channels): 32000 Software : DGraph(free) OS : windows xp/7/8/10/vista 32bits/64bits		

Part Number Table

Description	Part Number
USB Temperature and Humidity Data Logger, -30°C to +70°C, 0%RH to 100%RH	MP780620
Temperature and Humidity USB Data Logger, -40°C to +125°C, 0%RH to 100%RH	MP780621

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