Temperature and Humidity USB Data Loggers

multicompPRO

MP780618   MP780619

Descriptions

These data loggers are ideal for monitoring temperature(or humidity) in transport, storage, testing process, etc.

User needs to install 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, analyse and print the data, or export other file formats(txt, xsl, 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

- USB interface directly communicate with PC
- Free software to setup, download and analyze data
- Set access password fo each data logger
- LCD indicates readings, status and alarm
- LED indicates Alarm and status
- Start method: immediately, button, start at time
- Stop method: button, memory full, points finished
- Support FIFO cycle recording mode
- Replaceable lithium 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
- Disable LCD or LED to save power consumption
- To save as txt, xsl, csv, bmp, jpg

Applications

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

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Specifications

		MP780618	MP780619
Relative Humidity Internal	Measurement Range	0%RH to +100%RH	
	Accuracy(Typ.)	±3%RH	
	Resolution(Typ.)	±0.1%RH	
Temperature Internal	Measurement Range	-35°C to +80°C	-40°C to +125°C (-40°C to 257°F)
	Accuracy(Typ.)	±0.3°C	±0.3°C(±0.5°F)
	Resolution(Typ.)	0.1°C (0.2°F)	
Sensor Location	Protection Class	IP54	
Memory Capacity	64KBytes(Total 32,000 readings for all channels)		
Sample Rate	User selectable from once every 2 seconds to once every 12 hours		
PC Software	DGraph software and USB driver required (Included in CD)		
Power Supply	User replaceable 1/2AA 3.6V lithium battery, 1200mAh		
Battery Life	Approx. 2 Years @ 1 Minute Sample Rate		
Dimensions	120mm × 37mm × 23mm(4.8' × 1.5' × 0.9')		
Case Material and Weight	ABS; Approx. 67 grams(2.36 oz)		

Part Number Table

Description	Part Number
USB Temperature and Humidity Data Logger, -35°C to +80°C, 0%RH to 100%RH	MP780618
Temperature and Humidity USB Data Logger with External Probe, -40°C to +125°C, 0%RH to 100%RH	MP780619

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