

HTM-185 Large LED Temperature/Humidity Monitor (with Data Logging Option)

The large, easy to read real-time display of the HTM-185/185D makes it an ideal temperature/humidity monitor for controlled environments and other critical areas. The display features an external 100mm length temperature/humidity sensor and can be wall mounted with the supplied mounting kit. Audible high/low alarms for both temperature and humidity can easily be set using the buttons on the front of the display and the standard audio output connector can be used to relay the audio elsewhere (e.g. to external speakers), if required.

The HTM-185D model also incorporates a data logger that is capable of logging up to 30,000 records. Logged data can be downloaded to the software in real-time via the mini USB port on the side of the display. Downloaded data can then be saved, graphed etc.

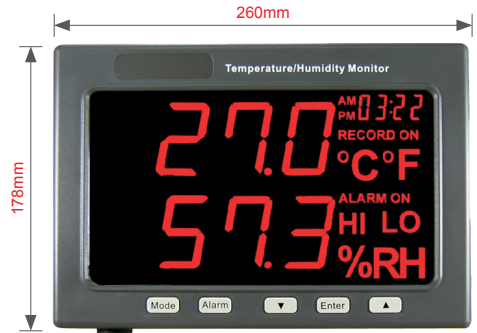
Supplied with user manual, power adaptor, software CD, USB cable and wall-mounting kit.

Applications

Warehouse, chamber/incubator, laboratory, electronics manufacturing, hospital blood/tissue banks, computer rooms, clean rooms, refrigerators, defence, other critical areas.

Features

- Complete environmental monitoring and alarm solution
- Real-time data display
- Large double-row LED display for easy reading
- Temperature max reading 1999, humidity max reading 999
- Wall mountable
- High and low temperature/humidity alarms
- Data logging with USB for 30,000 records (HTM-185D only)
- °C/°F selectable
- Data hold function
- Low battery warning light
- Audio output
- Compact size (260mm x 178mm x 47mm)



HTM-185



HTM-185D
(data logger model)



Wall Mounting Kit



Software Screenshot



Data Logger Module

Technical Details	
Temperature Range	-20°C to +60°C (-4°F to +140°F)
Temperature Accuracy	±1.0°C (±1.8°F) (-5°C to +40°C / +23°F to +104°F), Other: ±2.0°C (±3.6°F)
Temperature Resolution	0.1°C (0.1°F)
Temperature Update Rate	1 times/second
Temperature Sensor Type	Diode
Relative Humidity Range	5% to 95%
Relative Humidity Accuracy	±2.5%RH (at 25°C, 20% to 80%RH), Other: ±5.0%RH (at 25°C, < 20%RH, > 80%RH)
Relative Humidity Resolution	0.1%RH
Relative Humidity Response Time	Below 4 seconds
Operating Temperature/Humidity	-20°C to +60°C (-4°F to +140°F), < 95%RH (non-condensing)
Storage Temperature/Humidity	-10°C to +60°C (+14°F to +140°F), < 70%RH (non-condensing)
LED Display	214mm x 120mm (8.4 inches x 4.73 inches)
Power Supply	AC to DC Adapter (9~12V / 1A)
Battery Backup	DC 9V battery enables continued recording without display during power disruption for an hour only
Dimensions	260mm (L) x 178mm (H) x 47mm (D) (excludes sensor length 100mm)
Weight	1000g

Order Code

Without Data Logger
HTM-185

With Datalogger
HTM-185D

HTM-186 Large LED CO₂/Temperature Monitor



HTM-186D
(data logger model)

Large, easy to read real-time display. Ideal CO₂/temperature monitor for controlled environments and other critical areas. Available with data logger (HTM-186D) or without data logger (HTM-186).

- CO₂/Temperature monitoring
- Wall mountable
- Large double-row LED display
- CO₂ sensor: infrared
- Temperature sensor: diode

HTM-187 Large LED CO₂/Temperature/Humidity Monitor



HTM-187D
(data logger model)

As per HTM-186/D model with the addition of a humidity monitor. Available with data logger (HTM-187D) or without data logger (HTM-187).

- CO₂/Temperature/Humidity monitoring
- Wall mountable
- Large double-row LED display
- CO₂ sensor: infrared
- Temperature sensor: diode
- Humidity sensor: capacitor

Contact sales for further information

