



Temperature/Relative Humidity Data Logger with Display

Part of the NOMAD Family

OM-DVTH
\$200



- ✔ Text Display: Shows Real Time Temperature, Humidity and Dew Point; Also Shows Logging Summary, Sample Rate, Memory Used and Memory Left
- ✔ Graph Display: Shows Measurement Trends Graphically, with Scrolling Feature
- ✔ Visual Over and Under Alarm Indicators for Temperature and Humidity
- ✔ USB Connection
- ✔ Compatible with Windows 98SE/ME/2000/XP/VISTA
- ✔ Calibration Through Software
- ✔ Ideal for Refrigerators, Freezers, Museums, Computer Rooms, Labs



OM-DVTH, \$200, shown larger than actual size.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

The OM-DVTH temperature/relative humidity data logger with display is an easy-to-use, versatile device which can be used for a wide range of logging applications. The OM-DVTH records and instantly displays trends for temperature, humidity and dew point. With the OM-DVTH you can monitor real time measurements for instant environmental conditions. When you're ready, download over 40,000 data points to your PC for further analysis. Data logging has never been this visual.

The OM-DVTH is capable of sampling as fast as once per

second or as slow as every 18 hours. A total of 43,344 temperature measurements can be stored in the data logger memory if only temperature is measured, or 21,672 measurements for temperature, humidity and dew point if all three parameters are measured.

Easy-to-use Windows software is included with the OM-DVTH. The software is a full-featured program that allows you to set up all data logger functions including sampling rate, logging duration, start mode, logging mode, and high and low temperature and relative humidity alarm values. Once data has been

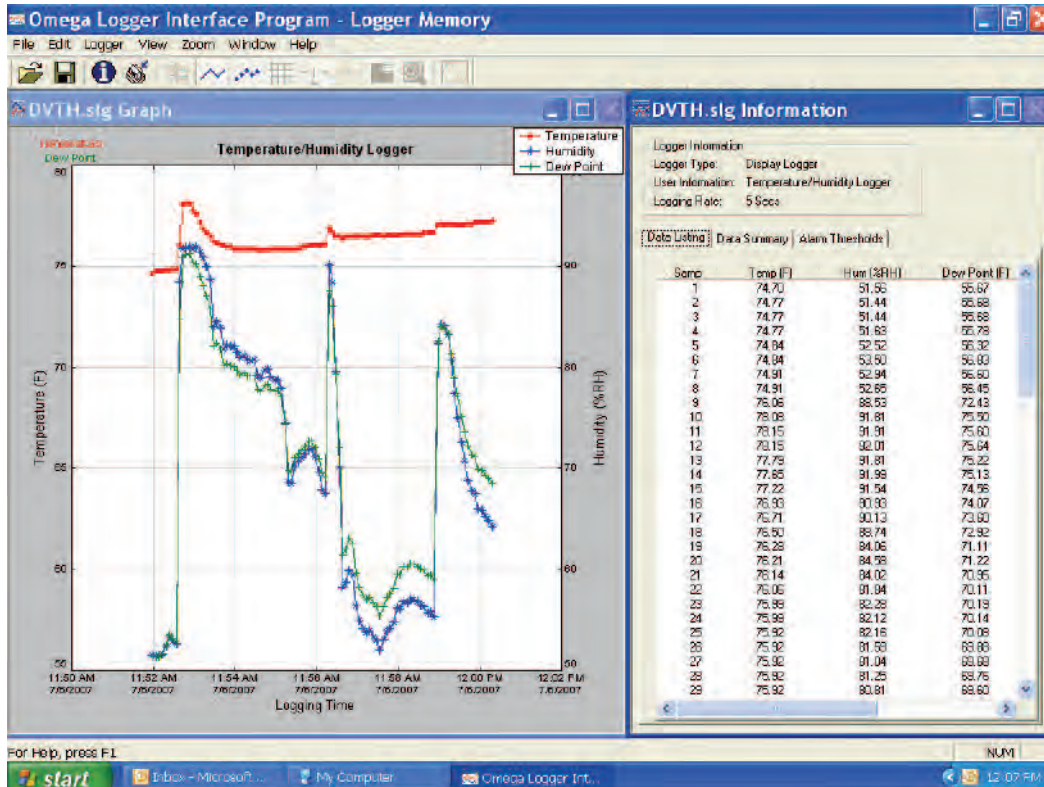
logged, the program then allows you to download data from the logger, plot the data and export the data to an ASCII text or Excel file format for further analysis.

Specifications

LOGGER

Text Display: Displays real time temperature, humidity and dew point; also displays logging summary, sample rate, memory used and memory left

Graph Display: Shows measurement trends graphically; graph can be scrolled through the entire logged data



Windows software displays data in graphical or tabular format.

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Sample Point Capacity:

43,344 points for temperature only;
21,672 points for temperature,
humidity and dew point

Alarms: Visual over and under
alarm indicator for temperature and
humidity (dew point alarms are not
available)

Calibration: User single point offset
calibration is available through
software for both temperature and
humidity; calibration is password
protected

Operating Temperature:

-10 to 65°C (15 to 150°F)

Temperature Accuracy:

±0.5°C (±1°F)

Temperature Resolution: 0.01°C
(0.01°F)

Relative Humidity Range:

0 to 99% RH, non-condensing

Relative Humidity Accuracy:

±2% RH, from 10 to 90% RH

Relative Humidity Resolution:

0.01% RH

Time Accuracy: ±100 ppm @ 75°F

Display: LCD

Storage Temperature: -20 to 70°C
(-5 to 160°F)

Dimensions:

7.7 H x 10.2 W x 3.8 cm D
(3.05 x 4 x 1.5")

Weight: 200 g (7.0 oz)

Power: 3 "AA" alkaline or lithium
batteries (included)

Battery Life: 2 years (average use)

SOFTWARE

PC Interface: USB port (USB cable
is included)

Sampling Interval: User selectable
from 1 second to 18 hours, in
1 second increments

Data Security: Unique factory
set logger ID; recording session
counter; password protected
calibration

Operating System Compatibility:
Windows 98SE/ME/2000/XP/VISTA
(not compatible with Windows NT
or Windows 95)

Minimum System Requirements:

5MB of free disk space, 800 x 600
screen resolution, 1 free USB port

Recording Start: On button press,
immediate after setup, or at a user
specified date and time

Recording Mode: Stop on memory
full, or continuous recording with
memory rollover

Real Time Status: Visual indication
through the status LED; software
real time status

User Calibration: Password
protected calibration for each
channel

User Information: Up to 30
characters

Logger Channels: User selectable;
disabling channels increases the
storage capacity of the other
channels

Units: US and metric

Data Format: Exportable to text
or Excel files

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
OM-DVTH	\$200	Temperature/relative humidity data logger with display

Comes with complete operator's manual and Windows software on CD ROM and 1.8 m (6")
USB interface cable and batteries.

Ordering Example: OM-DVTH, temperature/relative humidity data logger with display
and OMEGACARE 1 year extended warranty (adds 1 year to standard 1 year warranty) for
OM-DVTH, \$200 + 25 = \$225.



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• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters