



# TEMPERATURE LOGGERS

## Dual Probe LCD Display Logger Model DW-2E-D-16-L

The DataWatch™ DW-2E-D-16-L is temperature logger with an internal and two external sensors and an integral LCD Display that sequentially indicates the temperature at each probe and the status of alarm settings. With 16,000

data points memory, and a range of -40°F to +158°F (-40°C to +70°C), this unit is perfect for monitoring two external systems at the same time, or for better sampling distribution.

Based on over ten years of design experience and customer feedback, this datalogger technology and its state-of-art software lets you begin collecting data input almost immediately with simple-to-follow software. Easy to operate, yet packed with powerful features such as

activation wake-up, memory that is retained even if battery power is lost, a simple-to-replace battery, one-button reprogramming and flexible timing intervals. The DW-2E-D-16-L comes standard with two rugged stainless steel piercing probes mounted at the end of 3 feet (1 meter) of cable length.



**Inquire about Global Sensors calibration maintenance programs. We calibrate what we sell.**

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## Specifications

Temperature Measuring Range  
-40°F to +158°F (-40°C to +70°C)

Accuracy  
±0.5°F (±0.3°C)

Response Time  
T<sub>90</sub> of 4 minutes (external) and 12 minutes (internal) in moving air

Average Resolution  
+0.5°F (+0.3°C)

Timing Resolution  
Real time clock - accuracy better than 40 seconds/month

Memory  
16,000 samples

Sampling Frequency  
5 seconds to every 255 minutes

Warranty  
One Year

External Sensors  
Rugged stainless steel probes measuring 3.14" (80mm) with 3 feet (1 meter) cable length standard (additional cable length available at an additional charge)

Display  
LCD panel shows temperature at each probe in °F or °C and the status of pre-programmed alarm settings.

Battery  
High quality user-replaceable lithium photo cell provides unattended operation for over a year

Software  
Simple 'one-click' download of information and a software that easily allows you to reset the logger for another usage; Activation at specified "wake-up" time or by immediate magnet-swipe

Contacts  
Deep gold plated for reliability and data integrity

