



TEMPERATURE LOGGERS

Single External Probe Display Model DW-1E-D-16-L

The DataWatch™ DW-1E-D-16-L is temperature logger with an internal and one external sensor and an integral LCD display showing temperatures and alarm status. 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 needs requiring both product and ambient temperature data.



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-1E-D-16-L comes standard with a rugged stainless steel piercing probe mounted at the end of 3 feet (1 meter) of cable length.

The DataWatch™ DW-1E-D-16-L is an effective and inexpensive solution for meeting the challenge of measuring both internal product temperatures and surrounding ambient conditions.

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
T₉₀ 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

Display
LCD Panel shows sensor temperature in °F or °C and displays pre-programmed alarm alerts

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

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

