

# enviroLog

SINGLE-USE USB PDF  
TEMPERATURE  
DATA LOGGER



FC CE



## APPLICATIONS:



Fruits/ Vegetables/Produce distribution



Vaccines Transportation



Seafood /Perishables Shipping



Pharmaceuticals distribution

## FEATURES:

The EnviroLog is a single-use, cost effective & reliable temperature recorder with an integral USB connector. It measures and stores real time temperature readings over a measurement range of -30°C to +70°C (-22°F to +158°F).

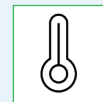
The EnviroLog automatically generates a PDF report which requires no special software and combines all the features of an advanced temperature recorder with an 16,000 log memory and a 6-month operating life.



Automatic PDF generation (available in different languages)



Flashing Green 'OK' or Red 'Fail' LED Lights



Measurement range of -30°C to +70°C



Preset with industry standard configuration settings



6-month operating life



Preset alarm settings available

# SPECIFICATIONS:

<b>Product Model</b>	EV-16
<b>Sensor Measurement Range</b>	-30°C to +70°C (-22°F to +158°F).
<b>Operating Temperature Range</b>	-30°C to +70°C (-22°F to +158°F).
<b>Storage Temperature Range</b>	0°C to +40°C (32°F to +104°F).
<b>Rated Temperature Reading Accuracy</b>	Better than $\pm 0.5^{\circ}\text{C}$ ( $\pm 0.9^{\circ}\text{F}$ ) for $-5^{\circ}\text{C}$ to $+30^{\circ}\text{C}$ ( $23^{\circ}\text{F}$ to $+86^{\circ}\text{F}$ ). Better than $\pm 0.8^{\circ}\text{C}$ or better for measurements in other areas of rated range. Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.
<b>Rated Temperature Reading Resolution</b>	Better than $0.1^{\circ}\text{C}$ or $0.1^{\circ}\text{F}$ . The native resolution is what is stored in the EnviroLog®.
<b>Sensor Reaction Time</b>	Typically less than 7 minutes (T90) in moving air (1m/s) in EN12830:1999.
<b>Recording Capacity</b>	16,129 temperature readings. 112 days @ 10min logging, 168 days @ 15min logging.
<b>Sampling Interval</b>	Preset recording interval from 30 seconds to 18 hours
<b>Logging Start Options</b>	Push button start. Optional start delay (1min to 72 hours) depending on preset configuration.
<b>Recording Indication</b>	Flashing 'OK' indicator / flashing 'ALERT' indicator.
<b>Alarms</b>	Up to 3 upper and 3 lower alarms depending on preset configuration.
<b>Download Time</b>	Typically with full memory (16,129 readings) in less than 30 seconds from time of insertion to availability of PDF report.
<b>Environmental</b>	IEC 60529: IP67 when plastic intact.
<b>Power Source</b>	CR2032 LiMnO <sub>2</sub> Battery (Fixed)
<b>Battery Life</b>	2 years storage, followed by 6 months battery life of normal use (based on 6 minute logging, download data monthly).
<b>Real Time Clock</b>	Built-in real time clock. Rated accuracy $\pm 25\text{ppm}$ @ $25^{\circ}\text{C}$ (equivalent to 2.5 seconds/day). Rated temperature coefficient is $-0.034 \pm 0.006\text{ppm}/^{\circ}\text{C}$ (I.e typically $\pm 0.00294$ seconds/day/ $^{\circ}\text{C}$ ).
<b>Connection Interface</b>	USB 2.0, A-type plug.
<b>Software</b>	PDF Reader.
<b>Size</b>	93mm(H) x 54.5mm(W) x 8.6mm(T).
<b>Weight</b>	31g.
<b>Bag / Case Material</b>	LDPE /ABS.