

LogTag[®]

SINGLE-USE USB PDF
TEMPERATURE
DATA LOGGER



APPLICATIONS:



Fruits/ Vegetables/Produce
distribution



Vaccines Transportation



Seafood /Perishables Shipping



Pharmaceuticals distribution

FEATURES:

The LogTag L3 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 LogTag L3 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:

Product Model	L3
Sensor Measurement Range	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature Range	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature Range	0 °C to +40 °C (32 °F to +104 °F)
Rated Temperature Reading Accuracy	Better than ± 0.5 °C (± 0.9 °F) for -5 °C to +30 °C (23 °F to +86 °F). Better than ± 0.8 °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
Rated Temperature Reading Resolution	Better than 0.1 °C or 0.1 °F The native resolution is what is stored in the LogTag® L3
Sensor Reaction Time	Typically less than 7 minutes (T90) in moving air (1m/s) in EN12830:1999
Recording Capacity	16,129 temperature readings 112 days @ 10min logging, 168 days @ 15min logging
Sampling Interval	Preset recording interval from 30 seconds to 18 hours (Typically 5 minute logging)
Logging Start Options	Push button start. Optional start delay (1min to 72 hours) depending on preset configuration
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator
Alarms	Up to 3 upper and 3 lower alarms depending on preset configuration
Download Time	Typically with full memory (16,129 readings) in less than 30 seconds from time of insertion to availability of PDF report
Environmental	IEC 60529: IP67 when plastic intact
Power Source	CR2032 LiMnO ₂ Battery (Fixed)
Battery Life	2 years storage, followed by 6 months battery life of normal use (based on 6 minute logging, download data monthly)
Real Time Clock	Built-in real time clock Rated accuracy ± 25 ppm @ 25 °C (equivalent to 2.5 seconds/day) Rated temperature coefficient is -0.034 ± 0.006 ppm/°C (i.e typically +/- 0.00294 seconds/day/°C)
Connection Interface	USB 2.0, A-type plug
Software	PDF Reader
Size	93mm(H) x 54.5mm(W) x 8.6mm(T)
Weight	31g
Bag / Case Material	LDPE /ABS