

Technical Specifications

N2012 Data Logger

Name	Value
Sensor Type	Thermistor
Temperature Measurement Range (Internal)	-40°C to +70°C / -40°F to +158°F
Temperature Measurement Range (External Sensor)	-40°C to +150°C / -40°F to +302°F
Scales	°C and °F
Display Resolution	0.1°
System Accuracy °C	-25°C to +50°C ±0.5°C, -40°C to +70°C ±1°C
	>70°C to +150°C ±2°C (typical)
System Accuracy °F	-13°F to +122°F ±1°F, -40°F to +158°F ±2°F
	>158°F to +302°F ±4°F (typical)
Memory	32K 16000 samples
Communications	Via infra red interface
Download Time	3 minutes for 10,000 readings (typical)
Logging Frequency	Programmable between 1 second and 99 hours
Internal Sensor Response Time	T90 = 15 to 30 minutes in ambient air
Ambient Storage	-40°C to +70°C / -40°F to +158°F
Battery Type	1 x AA size 3.6V replaceable lithium battery
Compatibility	Software Windows™ based software for Windows 7
Battery Life	Up to 5 years
Case Material	ABS
Environmental Protection	IP67 BS EN 60529 IEC 529
LED Indication	Red = Alarm, Green = Logger Active
Dimensions	Length (including fixing lug) 88mm / 3.5ins, Width 80mm / 3.1ins, Depth 35mm / 1.4ins
Warranty	2 Years