

Lascar EL-IOT-1 WiFi Temperature Data Logger



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Product Code	XE-4038-001
Model	EL-IOT-1
General Description	Cloud Storage Data Logger
Communications Protocol	WiFi
Accuracy	+/- 0.5°C (+/- 0.9°F)
Readings	100,000 readings internal memory
Resolution	0.1°C
Logging Interval	10 seconds to 12 hours (user selectable)
Battery	Supplied with a ½ AA battery. Battery life: 2 years
Connector Type	Plug

Connector Size	Miniature (moulded-on)
Dimensions	94 x 83 x 31 mm
Element/hot junction	Single element, grounded junction offering fast response
Max. Temperature	+80°C (176°F)
Min. Temperature	-35°C (-31°F)
Temperature Range	-100 to +100°C (-148 to +212°F)
Operating Temperature	-18 to 60°C (0 to 140°F) on battery power. -20 to 60°C (-4°F to 140°F) with power supply
Probe Diameter	3.3mm
Probe Length	80mm
Probe Material	Needle point tip, 316 stainless steel
Power Consumption	Battery life: 2 years (at 25°C and 1 minute logging rate, LCD on)
Power Supply	4 x AA 1.5V batteries or via mains supply
Sensor Type	Mineral insulated
Standards Met	IP54 (splash proof)
Thermocouple Type	K
Termination Type	Miniature moulded flat pin plug, colour coded ?green? in accordance IEC specification