

ShockLog Product Specifications

ShockLog 298

Operating Temperature Range	-40°F / -40°C to 185°F / 85°C
Size	4.8" / 123mm x 3.1" / 78mm x 2.2" / 55mm
Weight	1.1lbs / 515g (without battery)
Battery	2 x 3.6V Lithium Thionyl Chloride 2 x 1.5V Alkaline Size AA
Case Material	Aluminum
Scale Factor Accuracy at 5G	+/- 2%
Additional Error Other Ranges	+/- 2%
Acceleration Range	+/- 1 to +/- 200G
Cut-off Frequency Options (Programmable)	10Hz, 40Hz, 90Hz, 120Hz, and 250Hz
Wake-Up Threshold (% of Range)	5–95%
Warning and Alarm Threshold (% of Range)	5–95%
Wake-Up Time	0.25mS
External Power Source Option	4.5V min / 30V max

ShockLog 248

Operating Temperature Range	-40°F / -40°C to 185°F / 85°C
Size	3.3" / 84mm x 3.3" / 84mm x 2.2" / 55mm
Weight	1.1lbs / 445g (without battery)
Battery	1 x 3.6V Lithium Thionyl Chloride 1 x 1.5V Alkaline Size AA
Case Material	Aluminum

Scale Factor Accuracy at 5G	+/- 5%
Acceleration Range	+/- 10G, +/- 30G, +/- 100G
Cut-off Frequency Options (Factory Set)	40Hz, 90Hz, and 250Hz
Wake-Up Threshold (% of Range)	5–95%
Warning and Alarm Threshold (% of Range)	5–95%
Wake-Up Time	0.25mS

ShockLog 208

Operating Temperature Range	-40°F / -40°C to 185°F / 85°C
Size	3.3" / 84mm x 3.3" / 84mm x 2.2" / 55mm
Weight	1.1lbs / 445g (without battery)
Battery	1 x 3.6V Lithium Thionyl Chloride 1 x 1.5V Alkaline Size AA
Case Material	Aluminum
Acceleration Range	+/- 10G, +/- 30G, +/- 100G
Cut-off Frequency Options (Factory Set)	40Hz, 90Hz, and 250Hz

Accessories

eTrak GPS Module Specification

Operating Temperature Range	-40°C to 85°C
Size	6.3" / 160mm x 9.8" / 250mm x 1.6" / 40mm
Weight	1.53lbs / 696g
Power Supply	Solar panel, trickle charge to 680mA hour LiOn battery
Case Material	ABS
Regions	Global provided GSM network coverage available

Tilt & Roll Accelerometer Specifications

Operating Temperature Range	Standard -40 to 85°C
Size	3.3" / 84mm x 3.3" / 84mm x 1.9" / 47mm
Weight	0.7lbs / 317.51g (without battery)
Battery	2 x 3.6V Lithium Thionyl Chloride
Case Material	Aluminium, IP67 Rating
Tilt Range Monitored	+/-90°
Resolution	0.3°
Transverse Sensitivity	5%
Noise (rms)	DC-30

External Temperature, Humidity, and Pressure Sensor Specifications

Temperature Measuring Range	-40°F / -40°C to 185°F / 85°C
Humidity Measuring Range	0-100% RH
Pressure Measuring Range	0-1.1 bar (standard) 0-2.1 bar (optional)