
LG-LASI-000



Key Features:

- *Datalogger with 2 GB storage:*
 - 3 Acceleration $\pm 6G$ (internal sensor)
 - 3 Gyros 300°/s (internal sensor)
 - internal channels (Vbat/Sensor-Temp)
 - 9 GPS channels
- *Internal power supply*
- *USB powered for communication only*
- *Storage rate up to 400 Hz / channel - 1600Hz on request*
- *All settings individually selectable (each channel)*
- *Compact and lightweight (300g) housing*
- *GPS antenna as add on*
- *USB connection cable included*

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Technical specifications

Logging (predefined)		Internal channels (resolution)	
Memory	GB 2	3 axis acceleration	[m/s ²] 0.02
Storage rate	Hz max. 1600/Ch	3 axis gyros 300°/s	[°/s] 0.02
Internal sampling rate	kHz 51,2	Sensor TempMsg	[°C] 0.1
		Electrical characteristics	
		Power supply (VBat)	[V] 3,0- 5
		Or USB Bus powered as well	[V] 5
		Current consumption:	
		@4.2V w/o GPS	[mA] 80
		@4.2V w GPS	[mA] 120
		Standby	[mA] 45
		Environmental characteristics	
		Operating temp. (due battery)	°C 0 - 60
		Humidity	% 0 to 70
		Vibration resistance	
		Shock	G 40
		During time period of	ms 10
		Vibration tested @	G 12
		Measured with	Hz 1000

Dimensions

Length x width x height 120x70x30mm