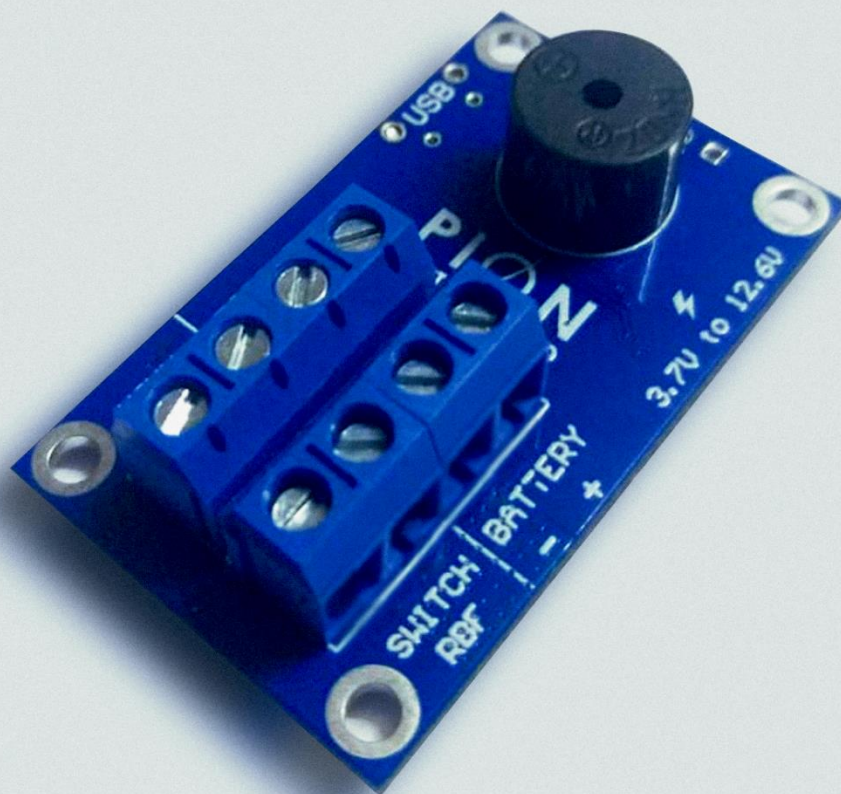


PION

ALTIMETER LITE

EASY TO USE OPTIMIZED ALTIMETER FOR SOUNDING ROCKETS



Version 11-2019

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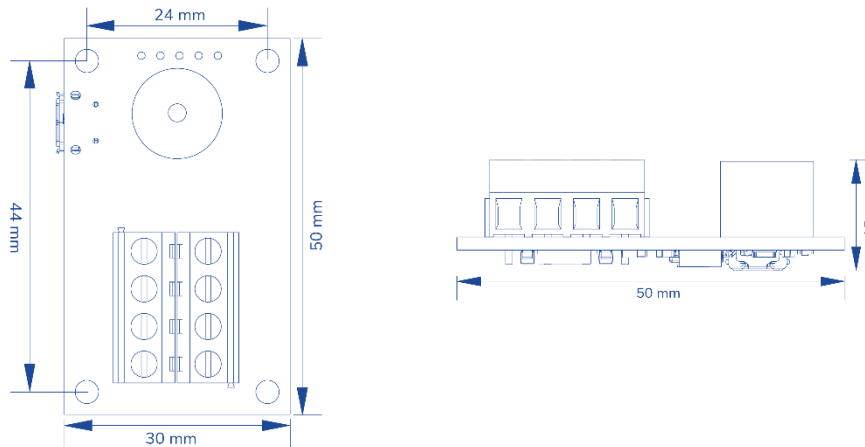
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Technical Drawing



Power		Dimensions	
Input Voltage	3.7V - 12.6V	Length	50 mm
Power Consumption (Idle)	30 mAh	Width	30 mm
Max. Output Current (*)	20 A	Height	15 mm
Output Pulse Time	1 s	Weight (without battery)	15 g
Recommended Battery	9V NiMH or 2S LiPo	Mounting Hardware	4x M3 Screw

Operational Envelope

Max. Altitude	20,000 m AGL	Operational Temperature	-20°C to +85°C
Altitude Resolution	0.02 m	Number of Flights Stored	30
Launch Detection Trigger	10 m AGL	Recording Time per Flight	Over 15 minutes
Drogue Event Output	Apogee	Main Event Output	Set by the User

Technical Features

Stored Flight Data	<ul style="list-style-type: none"> Altitude; Temperature; Battery voltage; and Output continuity.
Sample Rate	<ul style="list-style-type: none"> Ascent: 20 samples per second. Descent: 5 samples per second.
Additional Features	<ul style="list-style-type: none"> Rugged SMD construction & stringent Quality Control (QC) testing; Confusion-free terminals; Highly resistant to false triggers from wind gusts; Audible Output continuity check; Brownout protection will tolerate in-flight power loss; Data retrieved through a simple micro USB connection.

(*) Your battery sets the limit for discharge.
Typical values, depends on applications. Subject to change without notice.