



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3-Axis G-Force Datalogger



Built-in 3-axis accelerometers record the time when shock occurs
 Measure and compute real-time spectral data using FFT

Features:

- Record storage, transport or operational data over time
- USB interface for easy set-up and data download
- Record and time 3-axis shock and peaks
- Real time FFT Frequency and Time-Domain Vibration Analysis
- Datalogs 112028 Motion Detection samples per axis, or 168042 Normal samples
- Selectable X-, Y-, Z-axis or any combination (via software)
- Selectable data sampling rate: 50ms to 24 hours
- Manual and Programmable start modes
- User-programmable record threshold
- Long battery life
- Complete with Magnetized/Bolt-on Mounting Base, 3.6V Lithium battery and Windows[®] 98, 2000, XP, Vista, Win 7 (32-bit and 64-bit) compatible analysis software



Records shock and vibration history in shipping containers



USB connector easily plugs into a computer for data analysis

Specifications	
Sensor Type	MEMS semiconductor
Acceleration Sampling Rate (Datalogger)	200Hz
Acceleration Range	±18g
Acceleration Resolution	0.00625g
Acceleration Accuracy	±0.5g
Bandwidth	0 to 60Hz
Sampling rate (Software)	500 ms to 24 hours
Memory	4Mbit Flash; 112028 Motion Detection samples per axis, or 168042 Normal samples
Data Format	Time stamped peak acceleration, average and peak vector sum
Dimensions	3.7 x 1.1 x 0.8" (95 x 28 x 21mm)
Weight	1oz (20g)

Ordering Information:

- VB300Three Axis G-Force Datalogger
 422993.6V Lithium Battery (pkg of 2)

