# Records 3-axis g-force and related peaks

#### Features:

- · Measure and record shock and vibration (acceleration)
- ±18g measurement range
- User configurable logging rate
- FFT analysis
- · High/Low alarms with LED alert
- Real time clock
- Auto/manual start with flashing LED notification
- · Includes 3.6V lithium battery and magnetic/screw mounting pedestal
- 1 year warranty

### **Applications:**

Records 1-, 2-, or 3- axis shock and vibration data on stationary or transported objects



## **Specifications**

Acceleration Range	±18g
Accuracy	±0.5g
Resolution	0.00625g
Frequency Range	0 to 60Hz
Datalogging (4MB flash)	168042 Normal records
	112028 Motion records per axis
Sampling Rate	Selectable 50ms to 24 hours
Data Format	Time stamped peak acceleration and freefall;
	Average and Peak Vector sums
PC Interface	USB
Power	3.6V Lithium (Saft 14250 or equivalent)
Dimensions	3.7 x 1.1 x 0.8" (95 x 28 x 21mm)
Weight	6oz (172g)

#### **Ordering Information:**

VBDL100	Vibration Datalogger
37-66	Replacement 3.6V Lithium Battery





