

# VBDL100 Vibration Datalogger

## Records 3-axis g-force and related peaks

### Features:

- Measure and record shock and vibration (acceleration)
- $\pm 18g$  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	$\pm 18g$
Accuracy	$\pm 0.5g$
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

