

# 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

