

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

