
ACCELEROMETER/MAGNETOMETER DATA LOGGER

**FEATURES**

- All in one device:
 - Sensors, microprocessor,
 - 2G memory, usb data interface, battery, power management and charger
- Solid stainless steel case
- Small body size: 46x12.5x5mm
- Light weight: 8.5 gram
- Low power consumption to: 0.75mW average (10Hz)
- Continuous measurement and record raw data up to 4 days
- Memory capacity:
 - 320 mega samples
 - 1 year recording data (10Hz)
- Module in box integrated:
 - 3-axis accelerometer
 - Temperature sensor
 - Real time clock
- Output data with time stamp
- Accelerometer:
 - Sampling-rate: 10, 25, 50, 100, 200, 400 (Hz)
 - Full-scale range: $\pm 2g$, $\pm 4g$, $\pm 8g$, $\pm 16g$
 - Sensitivity up to 1mg/count
 - Data calibrated for each module (for fixed range version)
- Thermometer:
 - Period of samples: < 2sec
 - Range: -4-158°F (-20-+70°C)
 - Resolution: 1°C
- Operation temperature:
 - -4-158°F (-20-+70°C)
- Output data is MS excel compatible
- Application support