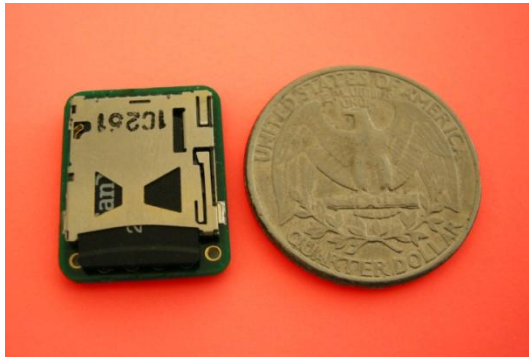

ACCELEROMETER/MAGNETOMETER DATA LOGGER



FEATURES

- Ultra small size: 20x16x3.5mm
- Weight: 2 gram (include micro-SD card)
- Ultra-low power consumption: 0.75mW average (10Hz)
- Wide power supply range: 3V-6V
- Memory capacity: 320 mega samples (2 GB micro-SD card)
- Module integrated:
 - 3-axis accelerometer
 - 3-axis magnetometer
 - Temperature sensor
 - Real time clock
- Output data with time stamp
- Uniform sampling with low FFT noise
- Accelerometer:
 - Sample-rate: 10, 25, 50, 100, 200, 400 (Hz)
 - Full-scale range: $\pm 2g$, $\pm 4g$, $\pm 8g$, $\pm 16g$, fixed or Selectable range
 - Sensitivity up to 1mg/count
 - Data calibrated for each module (only for fixed range version)
- Magnetometer:
 - Period of samples: < 2sec
 - Full-scale range: $\pm 1000\mu T$
 - Sensitivity of 0.1 μT
- Operation temperature:
 - -20—+70°C
- RoHS compatible
- OEM application support