MotionNode Accel is a triaxial accelerometer for use in low-g acceleration sensing applications. Our sensor is extremely small, easy to use, and provides a flexible interface to real-time acceleration data.

**Key Features**

- Small size, minimizes interference with natural motion
- Outputs 2g or 6g range in all three axes
- Accurate, general purpose accelerometer solution
- Simple USB connection
- Easy to use and integrate into your project or application
- Includes software to configure your sensor, preview output data, and record acceleration data
- Software Development Kit (SDK) provides real-time access to raw and calibrated sensor streams
- Supports Windows, macOS, and Linux

**Technical**

- **Physical size**: 35 x 35 x 15 mm
- **Weight**: 10 grams
- **Enclosure**: ABS plastic
- **Interface**: USB, Standard-A connector
- **Cable length**: 6 feet
- **Power requirement**: Powered by USB host
- **Components**: Surface mount MEMS sensor design for high accuracy and compact form
- **Operating temperature**: 0 to 50°Celsius
- **Sampling rate**: 100 Hz
- **Range/Sensitivity**: ± 2g or ± 6g (user selectable)
- **Resolution**: 190 μg ± 5% (at 2g range)
- **Noise density**: 50 μg/√Hz (at 2g range)