



Part Number: AD-2004-VIB



## AVIDSmartSensor™ Wireless Vibration Sensor

The Vibration Sensor wireless transmitter is a battery operated accelerometer sensor with a microprocessor controlled 418 MHz. FCC certified radio transmitter. The Sensor has an on board time of day clock that allows it to spend most of the time in a low power quiescent state. This architecture allows the Sensor to consume very low energy resulting in a battery life of up to 5 years.

### Features

- Digital broad range vibration measurement via internal accelerometer
- 64-Bit unique ID
- Up to 600 foot transmission range
- 30 second transmission interval
- Battery life up to 5 years
- Very small (1.3" X 2.1" X .6") ABS enclosure
- Complies with part 15 of the FCC rules
- Water resistant coating for wet environments
- Internal loop antenna

Parameter	Units
Transmission Rate	30 Seconds
Shelf Life with Battery Installed	10 Years in Quiescent Mode
Dimensions (enclosure)	1.5 W X 2.1 H X .6 D (inches)
Weight	1 oz.
Storage Temperature	-40° to 85° C
Operating Temperature	-40° to 85° C
Battery Life with Transmission	3-7 Years
Battery	3.6 volt Lithium

### AVIDdashboard Integration

Sensor readings are transmitted to a central controller then to the server through wireless communications. User defined Alerts can signal support resources to handle any out of control conditions.



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