



Part Number: AD-2004-MOT



# AVIDSmartSensor™ Wireless Motion Sensor

The Motion Sensor wireless transmitter is a battery operated digital motion 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 motion measurement via internal weighted 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.

After Hours Movement Detected in Stack 27-A

**ALERT**

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