

Wireless Vibration Sensor



The InstruVU Wireless Vibration Sensor is manufactured to detect and measure vibrations, shocks, or accelerations of an object.

Our sensor can record results to an IoT platform such as: alarms, device runtime, counting, and vibration strength. Perfect for monitoring equipment status, water leakage alarms, usage statistics, vibration intensity, etc.



The InstruVU Wireless Vibration Sensor allows users to send data and reach extremely long ranges.

It provides ultra long-range spread spectrum communication and high interference immunity whilst minimizing current consumption.

FEATURES

- Bands: CN470/EU433/KR920/US915/EU868/AS923/AU915
- Built-in 2400mAh battery for long time use
- Detecting object vibration status
- Built-in Temperature & Humidity sensor
- Detect vibration alarm
- Calculate device runtime
- 3-axis accelerator for x, y, z
- Firmware upgradable via program port
- AT Commands to change parameters
- Remotely configurable parameters

SPECIFICATIONS

Built-in Temperature Sensor

Range:	-40 °C ~ +80 °C
Accuracy Tolerance:	± 0.3 °C
Resolution:	0.01 °C

Built-in Humidity Sensor

Range:	0 ~ 96% RH
Accuracy Tolerance:	±3% RH
Resolution:	0.04 % RH
Long Term Drift:	< 0.25 RH/year

External Vibration Sensor:

Detecting object vibration status

6 foot probe cable length

Small size for easy installation

APPLICATIONS

Industrial Equipment



Water Industry



HVAC

