



Vibration Monitoring Sensor **VMS™**

Model: VMS (X1, X2, M1, M2)

Sustainability by design.
Innovation by heart!

PRODUCT DATASHEET

Models available*

Model	Bandwidth, range	Noise density
X1	15 kHz, ± 200g	45 µg/√Hz
X2	23 kHz, ± 100g	75 µg/√Hz
M1	6 kHz, ± 16g	75 µg/√Hz
M2	2 kHz, ± 2g	25 µg/√Hz

Properties

- **Size:** 130x70x40 mm
- **Weight:** 200 gr
- **Case:** ABS plastic
- **Rating:** IP 54

Features

- **1-3 axis accelerometer****
- **Up to 23 kHz**
- **Wireless**
- **DC powered**
- **Arrowhead compliant**

Applications

- **Condition monitoring**
- **Industry**
- **OEE**
- **Predictive maintenance**

Connectivity

- **Wi-Fi 2.4 and 5 GHz**
- **MQTT**
- **WPA2 encryption**

Visualisation of data

- **ThingWave App**
- **ThingWave Cloud**
- **ThingWave Nucleus™**

ThingWave's wireless Vibration Monitoring Sensors VMS™ keep your equipment under surveillance in real-time. The VMS™ unit can detect motion on up to three axis with a sample rate of up to 46 kHz.

Collected data is streamed wirelessly to ThingWave Nucleus™ or Eclipse Arrowhead. The VMS™ supports transmission of raw data as well as processed data streams***.

Benefits

- ThingWave's IoT vibration sensors provide real-time vibration data streams
- Encrypted data transmission
- Alarm generation
- Visualization of sensor data
- DC powered
- Configurable filters and processing
- Configurable data rate and sample rate
- Over the air update
- MQTT



* other models are available on request;
** depending on model
*** raw data, averaged data, FFT, etc.

MADE IN SWEDEN