# Vantor VS-60

## Wireless Motor Vibration & Temperature Sensor, Wi-Fi, IP66

The Vantor VS-60 is a battery-powered wireless condition-monitoring sensor that clamps or bolts onto a motor, pump or fan and reports three-axis vibration velocity, acceleration and displacement together with surface temperature over Wi-Fi. Sampling and upload intervals are configurable over Bluetooth, and the 12,000 mAh lithium battery lasts more than two years at a 5-minute sample / daily upload cycle, so plant maintenance teams get early warning of bearing wear, misalignment and overheating without any cabling.




## Key Features

- 3-axis vibration velocity, acceleration and displacement plus surface temperature
- Frequency response 10 - 1600 Hz; velocity 0.01 - 200 mm/s; acceleration +/-16 g
- 2.4 GHz Wi-Fi upload (> 150 m open air); Bluetooth for configuration
- 3.6 V 12,000 mAh lithium battery, > 24 months at 5-minute sampling / 24-hour upload
- IP66, 100 g shock rated; stainless steel or reinforced PBT housing
- Aluminium clamp or flat-base magnetic / bolt mounting, 86 x 86 x 42 mm
- Spare battery pack available

## Technical Specifications

- Model: VS-60 (select sensor or spare battery below)
- Vibration: velocity 0.01 - 200 mm/s, acceleration +/-16 g (0.01 m/s2), +/-5% at 80 Hz
- Frequency response: 10 - 1600 Hz
- Temperature: -40 to +85 degC, 0.1 degC resolution, +/-1 degC
- Communication: 2.4 GHz Wi-Fi (data), Bluetooth (setup)
- Battery: 3.6 V lithium 12,000 mAh, replaceable
- Protection: IP66, 100 g shock
- Dimensions: 86 x 86 x 41.9 mm
- Mounting: aluminium clamp / flat base

## Ordering information

| Order code | Description |
|---|---|
| VS-60 | VS-60 vibration & temperature sensor |
| VS-60-Bat | VS-60-Bat spare battery 12,000 mAh |