

# Quick Start Guide

## 4-CHANNEL VIBRATING WIRE LOGGER

### 1) MOUNT

Mount the device firmly to your chosen location using a secure mounting method: hidden side bolt mounting holes under flip tabs and/or pole mount bracket for threaded holes.

### 2) USING THE MAGNET

Wherever instructed to tap the node using the magnet, do so at the spot indicated "X". Sequential taps must be performed within 3 seconds before the device count resets.

The antenna must be connected firmly to the device before any operations can occur.

### 3) CONFIRM STATUS

Tap Once

- If the device is off, a solid blue light will appear from the LED. Proceed to step 4.
- If the device is on, a green light then yellow light will appear from the LED. The device takes 10 quick readings and uploads them before returning to On status after a few minutes.

### 4) TOGGLE DEVICE ON

Tap Twice

- This will turn the device on followed quickly by 2 green LED flashes. The device may take several minutes to update.

### 5) VIEW DATA

Please head over to your nodes Dashboard to begin seeing the data.



Please refer to the User Manual for more information and a full guide on this device. For queries, email support@viotel.co

#### STATUS

GREEN	On
BLUE	Off
PURPLE	Diagnostic Mode
RED	Device is Busy

#### COMMS

BLUE	Communicating with server
YELLOW	Collecting GPS Coordinates
RED	Unable to Communicate

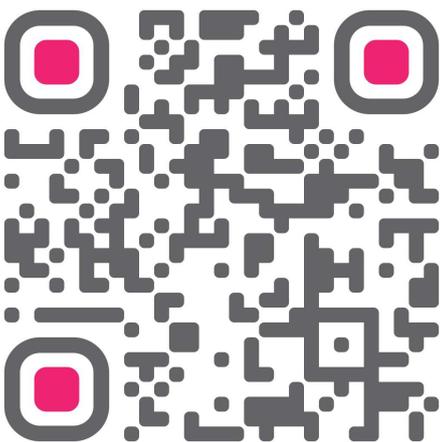
#### VIBRATING WIRE TERMINALS

T1	Sensor Positive V+
T2	Sensor Negative V-
T3	Thermistor Positive T1
T4	Thermistor Negative T2

## OUR RESONANCE

Resonance describes the phenomenon of increased amplitude that occurs when an external force or a vibrating system is equal or close to a natural frequency of the system on which it acts.

Leveraging decades of experience in earthquake analysis and monitoring of mining seismicity, Viotel have a deep understanding of resonance and have developed a unique series of asset management solutions involving monitoring and analysis of vibrations and waveforms.



The Viotel Vibrating Wire Node achieves high-precision measurements with low power consumption at a cost effective price. The node is self-contained with internal battery, GPS and cellular (CatM1) modem.

The node is shipped pre-programmed and integrated. Simply mount, connect the external sensor(s) and power on for reliable, continuous, real-time monitoring.

[www.viotel.co](http://www.viotel.co)  
[sales@viotel.co](mailto:sales@viotel.co)

**VIOTEL**  
SMARTER DATA