VIOTEL V2.0 Accelerometer Vibration Node User Guide

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Contents

MOUNT

Mount the device firmly to your chosen location using a secure mounting method: Twosided adhesive, side mounting holes and/or pole mount bracket for threaded holes.

USING THE MAGNET

Wherever instructed to hold the magnet in place, do so at the spot indicated “X”.

- Count the number of LED blinks to the desired command.
- 1 LED blink corresponds to 1 second.
- Release the magnet from the hold position will end the command input

CONFIRM STATUS

1 LED Blink

- If the device is off, a solid blue light will appear from the status LED. Proceed to step 4.
- If the device is on, a solid green light followed by a red light will appear from the status LED. Proceed to step 5.

TOGGLE DEVICE ON/OFF

4 LED Blinks

- This will turn the device on/off.
- Confirm the device is setup using myViotel.

  Note: battery consumption varies between continuous and triggered modes.

VIEW DATA

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

Product Descriptioin

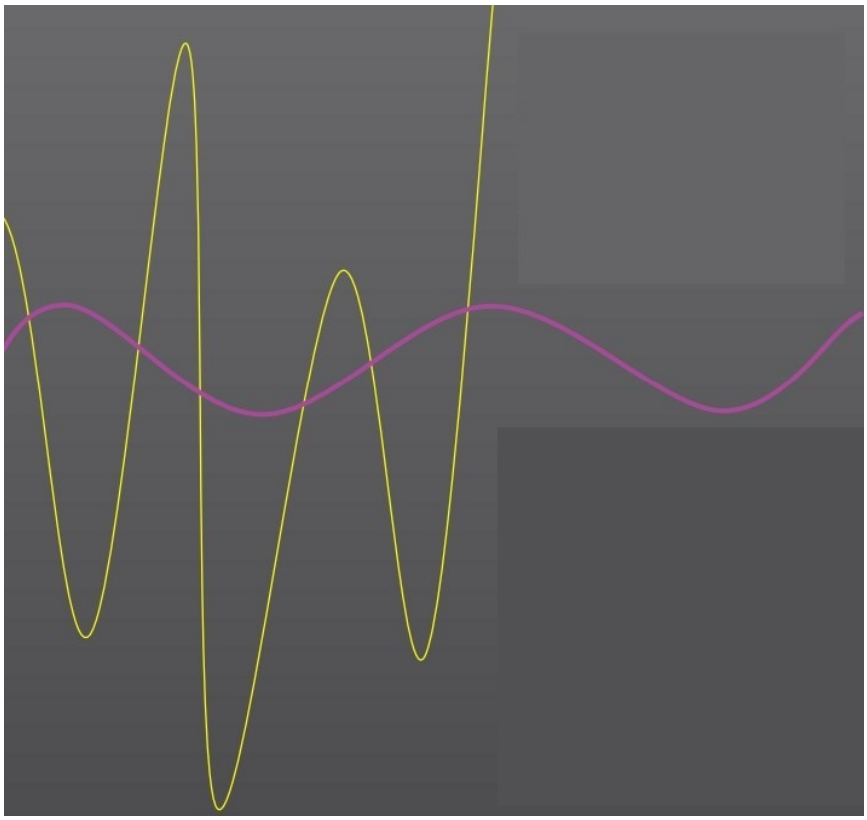
STATUS	
GREEN	On
BLUE	Off
RED	Device is busy
PURPLE	Confirming Command

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

OUR RESONANCE

Resonance describes the phenomenon of increased amplitude that occurs when a 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 Wireless Accelerometer Node is an ultra-low noise triaxial MEMS sensor andself-contained with a digital communication interface.

It comes pre-programmed and ready to mount in the desired location and is suitable to measure the vibration modes in buildings.

www.viotel.co

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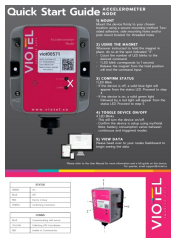
Documents / Resources

	VIOTEL V2.0 Accelerometer Vibration Node [pdf] User Guide V2.0 Accelerometer Vibration Node, V2.0, Accelerometer Vibration Node, Vibration Node, Node

References

- Viotel - Smart Monitoring Solutions