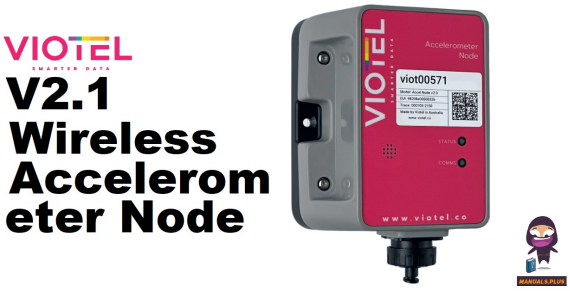

Viotel V2.1 Wireless Accelerometer Node User Guide

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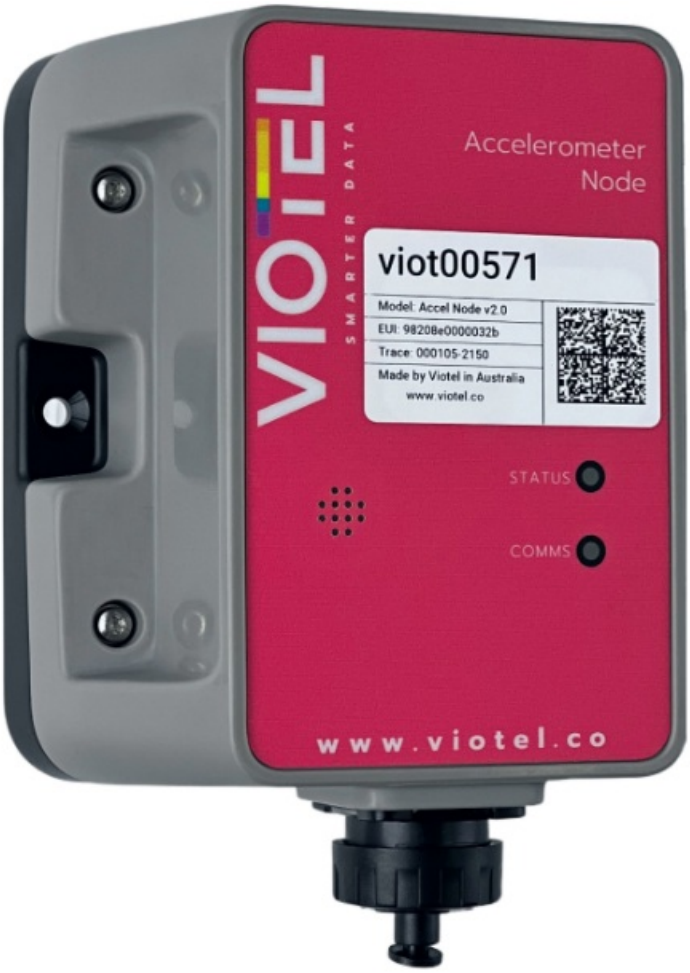
VIOTEL
SMARTER DATA

Viotel V2.1 Wireless Accelerometer Node



Specifications

- **Product Name:** Viotel Wireless Accelerometer Node
- **Sensor Type:** Triaxial MEMS sensor
- **Communication Interface:** Digital
- **Noise Level:** Ultra-low noise
- **Pre-programmed:** Yes
- **Mounting:** Two-sided adhesive, side mounting holes, pole mount bracket
- **Application:** Monitoring vibration modes in buildings

Product Usage Instructions

Mount the device firmly to your chosen location using a secure mounting method such as two-sided adhesive, side mounting holes, or pole mount bracket for threaded holes.

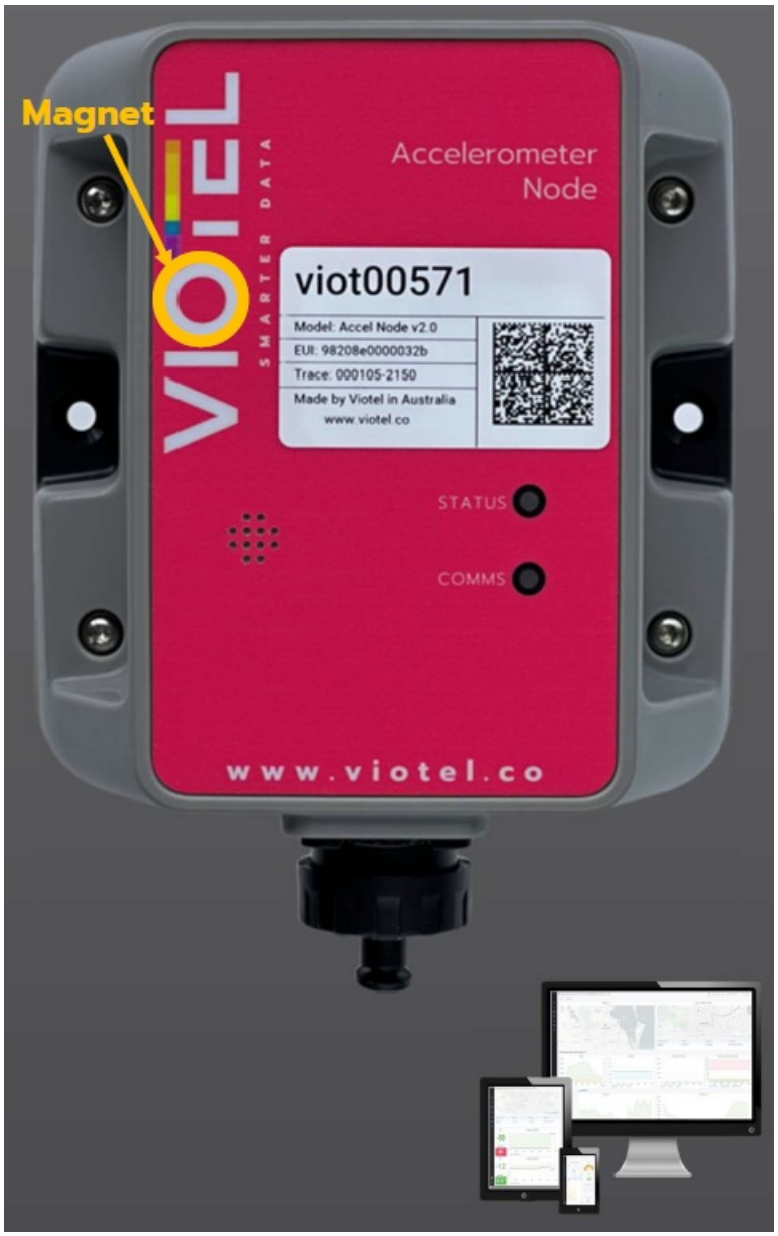
- Place the magnet at the center of the ‘O’ in the Viotel logo.
- Count LED blinks for desired commands.
- 1 LED blink corresponds to 1 second.
- Release the magnet to end command input.
- 1 LED Blink: Solid blue light if the device is off; solid green followed by red light if on.
- 4 LED Blinks: Turn the device on/off. Ensure setup using the motel.
- **Note:** Battery consumption varies between continuous and triggered modes.
- Access your node’s Dashboard to view data.

FAQ

- What is Resonance?
- Resonance describes the phenomenon of increased amplitude that occurs when an external force or vibrating system matches a natural frequency.
- How can I contact support?
- For queries, email **support@viotel.co**

Quick Start Guide

ACCELERATOR METERNODE



MOUNT

- Mount the device firmly to your chosen location using a secure mounting method: Two-sided 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 center of the ‘O’ in the Viotel logo.

- 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 set up using myViotel.
- **Note:** battery consumption varies between continuous and triggered modes.

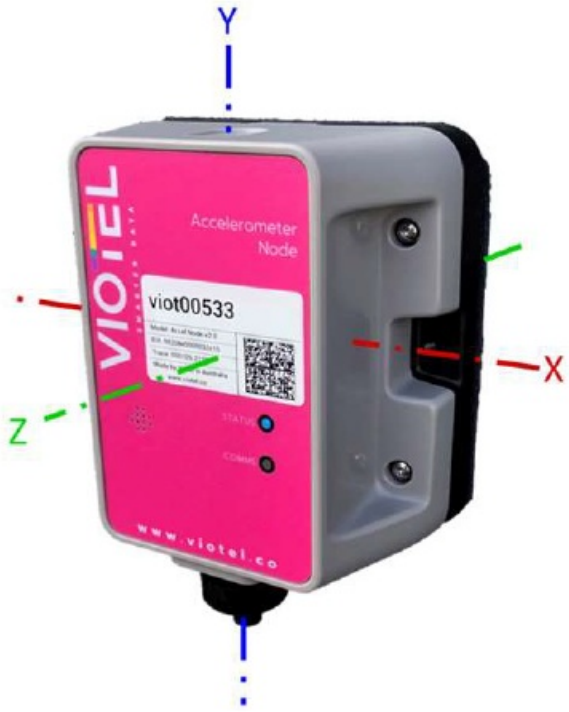
VIEW DATA

- Please head over to your node’s Dashboard to begin seeing the data.

Please refer to the User Manual for more information and a full guide on this device.

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 an external force or a vibrating system is equal to or close to the natural frequency of the system on which it acts.
- Leveraging decades of experience in earthquake analysis and monitoring of mining seismicity, Viotel has a deep understanding of resonance and has developed a unique series of asset management solutions involving monitoring and analysis of vibrations and waveforms.
- The Virtual Wireless Accelerometer Node is an ultra-low noise triaxial MEMS sensor and self-contained with a digital communication interface.
- It comes pre-programmed and ready to mount in the desired location and is suitable for measuring the vibration modes in buildings.

CONTACT

- www.viotel.co
- sales@viotel.co

Documents / Resources

	**Viotel V2.1 Wireless Accelerometer Node** [pdf] User Guide V2.1 Wireless Accelerometer Node, V2.1, Wireless Accelerometer Node, Accelerometer Node, Node

References

- Viotel - Smart Monitoring Solutions
- User Manual