

# Quick Start Guide

## 4-CHANNEL SMART IoT DATA 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 centre of the 'O' in the Viotel logo. 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.

#### 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

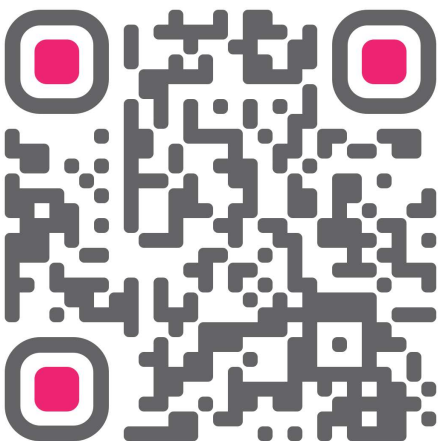
#### CHANNELS

CH1	Modbus/RS485
CH2	Strain Guage
CH3	4-20mA (Current Loop)
CH4	4-20mA (Current Loop)

## 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 SMART lot Data Node is based on an ultra low power microprocessor. The node is self contained with internal battery, GPS and cellular (Cat-M1) modem with pre-installed SIM card.

The Viotel SMART node is shipped with 4x adaptors for your sensors or alternative you can purchase the plug to junction box adapter.

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**VIOTEL**  
SMARTER DATA