

Vibrating Wire Node (4-Ch)



FEATURES AND BENEFITS:

- 4-CHANNEL DUAL INPUTS: THERMISTOR & VW
- ALARM CAPABILITY WHEN MEASUREMENT EXCEEDS PRE-SET LIMITS
- COMPATIBLE WITH A WIDE RANGE OF SENSORS, INCLUDING STRAIN GAUGES, TILT AND CRACK METERS, LOAD CELLS AND PIEZOMETERS
- BAROMETRIC PRESSURE MEASUREMENTS
- INTERNAL GPS FOR POSITIONING
- INTERNAL TEMPERATURE SENSOR
- MADE IN AUSTRALIA

The Viotel Vibrating Wire Node achieves high-precision measurements with low power consumption at a cost effective price. The logger is self contained with internal battery (solar panel optional), GPS and cellular (LTE-M) modem. Extra long battery life – 8+ years.

The node is shipped pre-programmed and integrated. Simply mount the node in the desired location, connect the external sensor and power on for reliable, continuous, real-time monitoring. Self manage configuration via [myViotel](#) device manager & dashboard..

Specifications

Interface	4x Vibrating Wire channels with dual input for VW and Thermistor
VW Measurement Range	100 to 6,000 Hz
VW Resolution	0.0224 Millibar
Temperature Measurement Range	-10°C to 100°C
Temperature Accuracy	±0.5°C
Sampling Rate	From every 5 minutes to daily
Upload Rate	From every 5 minutes to daily (max 24 samples per upload)
Dimensions / Weight	150mm x 210mm x 55mm (W X L X D) / 0.7kg
Operating Temperature	-35°C to 65°C
Input Power	Internal non-rechargeable battery <ul style="list-style-type: none"> • Hourly sample, Daily upload: >5.5 YEARS • Daily sample, Daily upload: >8.5 YEARS External 4 – 15 VDC
Enclosure features	ASA Plastic, IP67

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