

Wireless Triaxial Tiltmeter



FEATURES AND BENEFITS:

- WIRELESS OPERATION
- EVENT DETECTION MODE
- EASY INSTALLATION – ANY ORIENTATION
- LTE-M COMMUNICATIONS
- ALARM CAPABILITY WHEN TILT EXCEEDS PRE-SET LIMITS
- INTERNAL GPS FOR POSITIONING
- INTERNAL TEMPERATURE SENSOR
- MADE IN AUSTRALIA

The Viotel Wireless Triaxial Tiltmeter features a high accuracy triaxial tilt sensor and is self-contained with internal battery (solar panel optional), GPS and cellular (LTE-M CAT-M1) modem.

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

Specifications

Number of Components	3 – triaxial
Resolution	0.0003°
Accuracy	0.001°
Sampling Rate	From every 1 minute to daily
Upload Rate	From every 1 minute to daily (max 24 samples per upload)
Operating Tilt Range	-180° TO +180°
Event Detection	Check sample every 7 seconds and trigger out of sequence upload if pre-set limit exceeded.
Dimensions / Weight	110mm × 150mm × 60mm (W X L X D) / 0.6kg
Operating Temperature	-35°C to 65°C
Input Power	Internal non-rechargeable battery <ul style="list-style-type: none">• Hourly samples, daily upload > 4.2 years
Enclosure features	ASA Plastic, IP67