



SlopeMate Array
SLOPE STABILITY MONITORING



Are Your Slopes Secure?

Wireless Uniaxial & Biaxial Movement Monitor

Features and benefits

- Uniaxial & biaxial adjustable sensors
- Uses wireless technology, simple to install
- Battery powered and simple to maintain
- Continuous readings with programmable features
- Accurate slope movement profile measurement
- Automated and remote controlled system

SlopeMate Array – Slope Stability Monitoring

The SlopeMate Array is a cable free monitoring system for slope stability. The system is fully adjustable in length with interchangeable sensors. Each sensor within the array is attached to the next and lowered into a standard inclinometer tube. The system is available in uniaxial or biaxial options and is fully adjustable. All components plug together in a modular system to make assembly and installation simple and easy. The system comes complete with a robust head enclosure which transmits data wirelessly via a LoggerMate

www.datum-group.com

Any questions? Please call us +44 (0)161 797 5511

MADE IN
THE UK





Technical Specification

SAMPLE RATE	Adjustable
	Max - 1 minute
	Min - 18 hours
INPUTS	Solid State MEMS tilt sensor
TRANSMITTER FREQUENCY	2.4GHz
TRANSMITTER RANGE	300m
MEMORY	Continuous stream of data via LoggerMate
RANGE	+/- 10 Degrees
RESOLUTION	0.01 Degrees
ACCURACY	+/- 0.06 Degrees
OPERATING TEMPERATURE	-25 to 85 °C
POWER REQUIREMENTS	10 to 30V de (Lead acid sealed or Lithium Battery Cell)
BATTERY LIFE	3 years at 15 minute intervals
DIMENSIONS	50mm (Dia) x 200mm (L) (Sensors) 0.5m - 3m (adjustable) (Rods) 350mm (Dia) x 500mm (L) (Head)
MATERIALS	Stainless Steel (Sensors and Rods) Acetyl and UPVC (Head)

CONTACT DETAILS

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