

Slide Minder Extensometer

EXTENSOMETER SLOPE MONITORING SYSTEM

FEATURES

- Pole mounting allows for flexible set up
- Works from -40° to 140°F (-40° to 50°C)
- Precise resolution (.0005 in - .012mm)
- External Port for optional Strobe Light
- Software can be accessed and viewed on machines connected to the Local Area Network (LAN) or internet
- Base radio and antenna can be mounted anywhere with an internet connection and near line-of-sight with Extensometers. System can be monitored from any computer.
- Multiple base station or repeaters can be used to monitor separate areas, or prev. inaccessible areas.

BENEFITS

- Quick set-up allows easy relocation of extensometers
- Robust system unaffected by most weather environments
- System expands easily to include wired and wireless remote strobes.
- Warnings issued by software can be sent to emails, additional computer monitors and telephones.
- Data buffering preserves valuable data in the event of network outage.
- VHF Radio offers stand-alone system that operated independently from existing equipment control systems.



Accurate displacement data in some of the harshest and most remote environments in the world. The capability to provide real-time warnings allow operations to continue longer while protecting valuable resources and personnel.

SlideMinder Extensometers provide reliable, continuous monitoring of ground movement.

Slideminders durable construction allows them to operate in harsh locations that may sometimes be inaccessible.

Real-time monitoring allows the repositioning of people and equipment when unsafe conditions exist.

When slides occur, SlideMinder wireline extensometers can continue to monitor displacement throughout the failure without risking damage to the unit.

TECHNICAL SPECIFICATIONS

Resolution	• Precise measurement with resolution of 0.0005 in (0.12mm)
Operating Temperature	• SlideMinder operates from -40° to 140°F (-40° to 50°C)
Power	• 65W Solar Panel - 32 Ah Battery • B-band VHF radio offers stand-alone system that operates independently from existing equipment control systems.

INCLUSIONS

• (2) 600 ft (127m) Wire spools
• 65 W Solar Panel
• 32 Ah 12V Deep cycle battery
• Idler assy for long distance wire runs
• All mounting hardware to mount to 1" I.D galvanised pipe. (Barrel pipe mount kit sold separately)
• 1 Year warranty on parts and in-house labour

DATA COLLECTION & GRAPHING SOFTWARE

• Data collecting software graphs displacement, temperature & inverse velocity, along with vector plots
• Multiple warning parameters can be defined based on velocity or displacement
• Warnings can trigger strobe lights, computer pop-up messages, emails, cell phones and pagers
• Can be viewed and controlled from any location within the Local Area Network (Intranet)

The software was designed by Call & Nicholas, Inc. engineering consultants to provide capabilities far beyond simply reporting displacement. Data reported by SlideMinder® Wireline Extensometers allow engineers to monitor movement and assist in predicting slides, in some cases, days in advance, with remarkable accuracy.

The graphing software presents displacement, velocity and inverse velocity, along with vector plots. In addition to monitoring multiple extensometers, the software also monitors battery health and temperature to help detect issues before they become a problem.

