

GVWD is an advanced multi-channel datalogger designed for reliable monitoring of vibrating wire sensors in geotechnical applications. With support for multiple measurement channels in a modular and robust design, GVWD enables efficient data collection from sensors such as piezometers, load cells, and deformation instruments.

Built-in communication and remote management capabilities make the unit easy to deploy and monitor from a distance. The result is a flexible and scalable solution that provides continuous access to accurate measurement data—even in demanding environments.



Scalable up to 16 channels



Easy to install



Flexible power options



Rugged aluminium housing

## BENEFITS WITH THE GVWD

- Supports a wide range of vibrating wire sensors
- Available with 6, 12 or up to 16 channels
- Choose between different communications modules – 3G, 4G, GPS, LTE, WiFi
- Easy integration with your preferred system
- SMS alert directly from the device
- Flexible power options – battery, mains, or solar panel
- Designed for operation in demanding environments

## APPLICATIONS

- Pore pressure monitoring in soil and rock (piezometers)
- Groundwater level monitoring
- Settlement monitoring in soil and structures
- Anchor and tieback load monitoring
- Load monitoring in structural elements
- Deformation monitoring in tunnels and excavations
- Crack monitoring in buildings and infrastructure
- Slope and excavation stability monitoring
- Long-term monitoring

