

The GSS Pod is a flexible and powerful datalogger designed for professional sensor monitoring. With support for interchangeable plug-in modules, the Pod can be easily adapted to a wide range of sensors, including Vibrating Wire, RS-485, pulse and relay signals.

The Pod integrates seamlessly with the GSS 5GV gateway, which provides both power supply and wireless communication. The system is scalable—up to six Pods can be daisy-chained to quickly and cost-effectively expand the number of measurement points.

Thanks to DIN rail mounting, the GSS Pod enables fast, robust and installation-friendly deployment, making it ideal for both temporary and permanent monitoring installations in demanding environments.



Scalable solution



Easy to install



Versatile



OTA firmware updates

FEATURES

- Structural health monitoring of buildings, bridges and tunnels
- Monitoring of natural slopes, cut slopes, foundations and ground movement
- Rainfall, impact and barrier monitoring with event detection
- Audible and visual alerts via sirens and warning lights
- Built-in CPU, memory and intelligent power management
- External power supply and communication via 5GV
- Remote over-the-air (OTA) firmware updates via gateway
- Scalable system with daisy-chaining of up to 6 Pods
- Support for plug-in modules for multiple sensor types
- Vibrating Wire (piezometers, load cells)
- RS-485 / RS-422 (multi-channel IPI, IPX, shape arrays)
- Pulse inputs (rain gauges, flow meters)
- Relay outputs for alarm control
- Simple wiring via 7-way terminal block and M16 cable entry gland
- Optional plug-in memory module (32 GB SRAM and 8 GB microSD)
- 2 × M8 connectors for daisy-chaining Pods
- Designed for fast installation, removal and DIN rail mounting

