

EWS Wireless Loggers

EWS Wireless Loggers collect and transmit sensor measurements from the project site to the Cloud.

Every logger is available with either cellular or satellite connectivity. Choose the cellular version for sites with good cellular coverage. Choose the satellite version for sites with poor cellular coverage.

GeoCloud Services retrieve the measurements and update dedicated project websites to show current project status, alarm status, graphs, and reports.

Advantages

Compact & Self-Powered: EWS loggers are compact and self-powered. They can operate for extended periods on their rechargeable batteries. Clip-on solar panels are available for some versions.

Broad Compatibility: EWS loggers support sensors using SDI 12, Modbus 485, 4-20mA, and Pulse. A vibrating wire version is also available.

Satellite Versions: Loggers transmit measurements directly to Iridium satellites, eliminating the need for logger networks, gateways, and cellular connections.

Cellular Versions: Loggers transmit measurements directly to a cell network, eliminating gateways.

Simple Setups: EWS loggers are matched to sensor types, eliminating complex wiring and programming. Settings can be entered locally via a Bluetooth phone app. Two-way communications allow remote configuration changes.

Alarm Detection: Alarm threshold values can be set on any input. Some EWS loggers include a relay that can activate pumps or warning devices when alarms are detected.

Designed for Harsh Environments: EWS loggers are rated IP67 or better for water resistance and operate in temperatures from -20 to +60 °C.



The Switch Logger is a compact logger ideal for retrofits and remote sites. It supports Modbus 485, SDI 12, and 4-20mA sensors and a 12V relay contact.



The EMT Logger offers the same sensor compatibility as the Switch, but supports higher power sensor types and higher transmission rates.



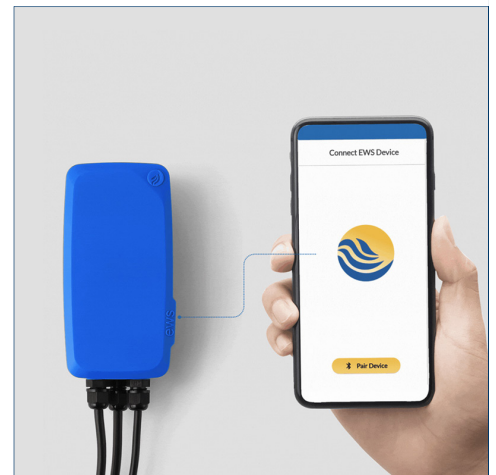
The Vibrating Wire Logger is available in 2, 4, and 8-sensor versions. Fully adjustable pluck and sweep parameters ensure compatibility with all VW sensors.



The Well Cap Enclosure holds a logger and external battery. It supports the weight of the sensor cable and also flips out of the way for sampling, etc.



The Tiltmeter Logger has a built-in three-axis MEMS tiltmeter and is deployed horizontally or vertically.



The Lynx Mobile App is used to configure all EWS devices and is available for iOS and Android.

Illustrations and specifications courtesy of EWS Monitoring.