METER

ZL6

Cellular Data Logger

18257-06
11.2026

ZL6 Cellular Data Logger Quick Start

Preparation

Inspect and verify ZL6 components are intact. Installation will require a mounting post.

Install the included batteries and press the **TEST** button. The status lights will eventually settle to a short, single green blink every 5 s, signaling it is ready for use.

Read the full ZL6 User Manual at metergroup.com/zl6-support. All products have a 30-day satisfaction guarantee.

NOTE: The ZL6 case is water resistant, not waterproof. See the ZL6 User Manual for tips to use the logger in extremely wet environments.

Data Access with ZENTRA Cloud

ZENTRA Cloud is a web application to download, view, and share ZL6 data as well as change logger configurations. Visit zentracloud.com to access all ZL6 data online. A free trial of ZENTRA Cloud is available for new users.

For answers to common questions, visit metergroup.com/zl6-support and scroll down to ZL6 FAQs.

Configuration

Test the sensors and the ZL6 communications in the lab or office to verify they are functioning prior to field installation.

Using a Computer

Use the ZENTRA Utility Installer link on the ZL6 webpage (metergroup.com/zl6-support) to download ZENTRA Utility.

Connect the USB cable to computer and logger.

Open the ZENTRA Utility application, select the appropriate COM port, and select `Connect`.

Using a Smartphone or Tablet

Open the mobile app store and search for ZENTRA Utility Mobile, or scan the QR code.

Press the **TEST** button to activate Bluetooth communications, located inside the ZL6 enclosure on the main board below the battery holders.

Select the ZL6 on the Connect screen in ZENTRA Utility Mobile.

Links to download ZENTRA Utility mobile are also available at: metergroup.com/zentra-mobile-apps

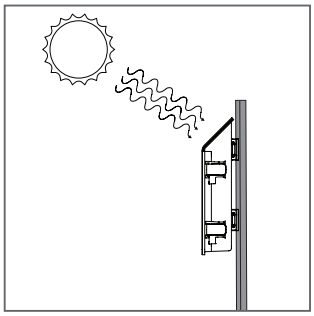
Installation

1. Select Location

Choose a location and orientation to give the solar panel the maximum amount of sunlight.

Consider vegetation cover throughout the season, distance from power lines,

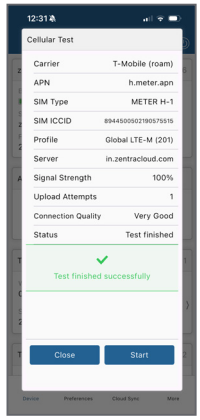
livestock, metallic objects, etc.



2. Check Cellular Signal

Use the Cellular Test feature of ZENTRA Utility or ZENTRA Utility Mobile to check the quality of the cellular signal at the chosen location.

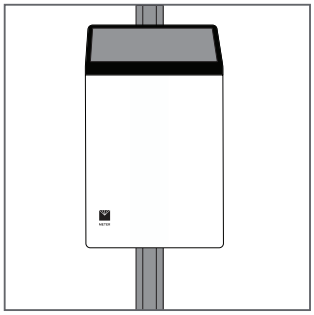
If the test fails, move to an alternative location (sometimes moving only a few meters is sufficient).



3. Fasten Logger to Mounting Post

Use included zip ties to attach the ZL6 to a mounting post.

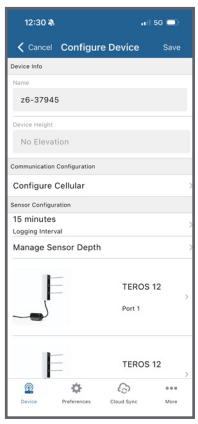
Ensure the logger is installed in an upright position to reduce the possibility of water entering the ZL6 enclosure.



4. Install Sensors

Install sensors according to the user manuals. Plug the sensor connectors into the ZL6 sensor ports. Secure cables to mounting post with some cable slack.

Configure measurement interval and sensor settings using ZENTRA Utility or ZENTRA Utility Mobile. Review sensor instantaneous measurements to verify the installed sensors are working.



SUPPORT

Have a question or problem? Our support team can help.

We manufacture, test, calibrate, and repair every instrument in house. Our scientists and technicians use the instruments every day in our product testing lab. No matter what your question is, we have someone who can help you answer it.

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