

Getting started with the LI-710 and the Water Node

Thank you for your purchase of the LI-710 Evapotranspiration Sensor. An LI-710 with an IoE Module is a Water Node on LI-COR Cloud. This document introduces LI-710 and the Water Node.

Online resources



Operating Information: Instructions for the LI-710 Evapotranspiration Sensor, IoE Module, and LI-COR Cloud are online at licor.com/support.



LI-COR Cloud: A Water Node is an LI-710 connected to LI-COR Cloud at licor.cloud.



Application Notes and Sample Programs: If you are connecting the LI-710 to an external data logger, instructions and programs are available at licor.com/support/LI-710/home.html.

What's what

- LI-710 Evapotranspiration Sensor:** Computes evapotranspiration (ET) from high-speed relative humidity and wind speed measurements. ET is reported every thirty minutes.
- Instrument and Guy Adapter:** Accepts the instrument mounting hardware and guy wire clips.
- Extendable Mast:** A three-part extendable mast for heights up to 5 meters.
- IoE Module Enclosure:** Houses data processing electronics, antennas, an SD card for local data storage, battery, and the IoE interface.
- Solar Panel:** 100-watt panel for charging the IoE Module battery (optional).



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Getting started

Follow these steps to get started with the LI-710 and LI-COR Cloud. Read all of the safety information in the instruction manual.

Step 1: At the field site, assemble the IoE hardware and connect the cable to the LI-710 and **Sensor** connector on the IoE Module.

⚠ Important: Follow the detailed safety instructions in the instruction manual.

Step 2: Power on the IoE module.

Short-press the power button to power on the module. Allow one or two minutes for it to power up.

Step 3: Configure sensors.

From the home screen, press left three times (◀◀◀) to access the **Device Setup** tool. Follow the instructions on the screen to connect and configure the sensors. Dismiss the last prompt and watch as the IoE Module returns to the home screen after configuring sensors.

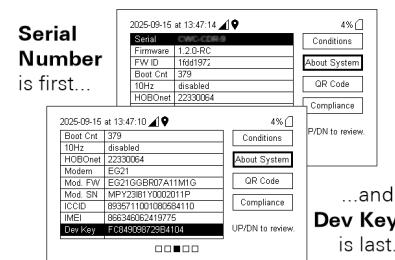
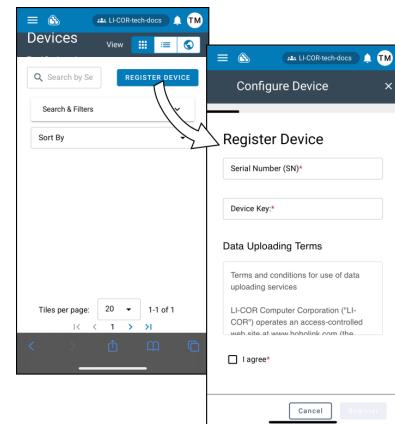
Step 4: Create an account on LI-COR Cloud.

Go to licor.cloud and follow the steps to create an account. Log in after creating an account.

Step 5: Register the IoE Module on LI-COR Cloud.

While logged in to licor.cloud, select **Register Device**. Enter a name for the node, the **Serial Number** and **Dev Key** when prompted (from the IoE Module home screen, press left ◀ and down ▼ to view the information).

Congratulations! You have created a Water Node on LI-COR Cloud.



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Dev Key
is last.