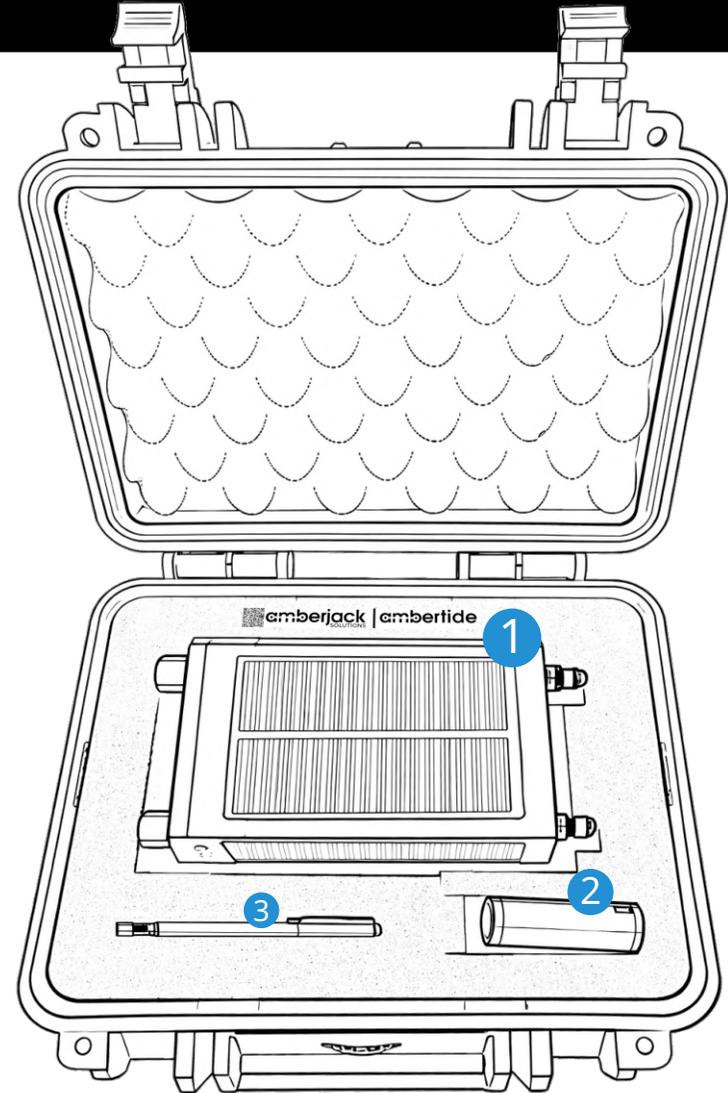


ambertide

QUICKSTART GUIDE

Case interior



1 - Ambertide device

2 - Additional lithium battery (3.5 Ah, 18650)

3 - Magnet pen

App Download



Download the Amberlogger Android app from the Google Play Store.

Please contact us for the login credentials.

info@amberjacksolutions.com

AmberLogger

Email

Password

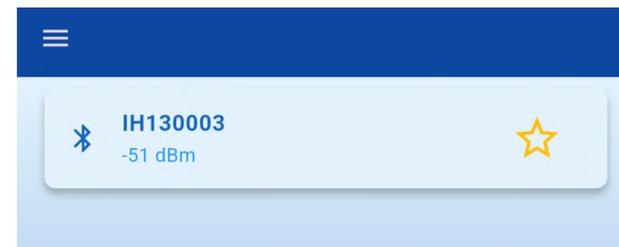
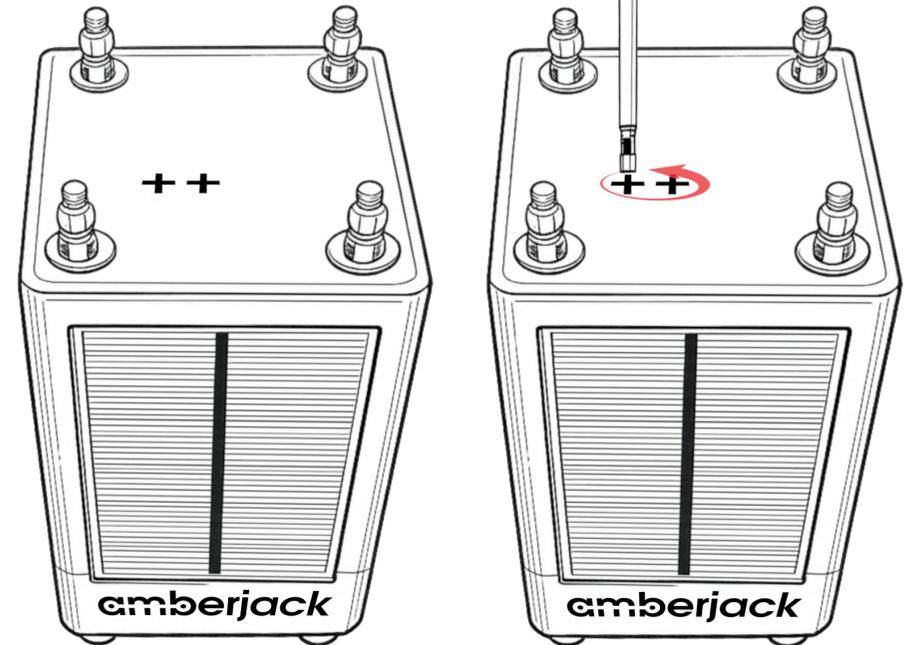
Remember me

Login

Make sure Bluetooth is turned on, and grant the app the required permissions (Location and Nearby devices) so it can work properly.

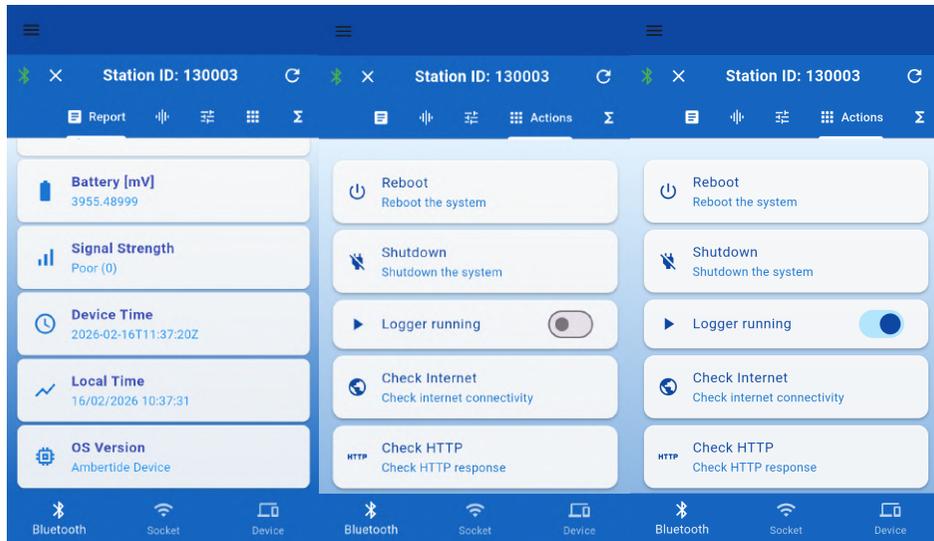
Turn on Ambertide Bluetooth

To enable Bluetooth, use the magnetic pen and move it in a circular motion from one "+" symbol to the other, as shown below. Repeat this **twice** to ensure the device's Bluetooth is activated.



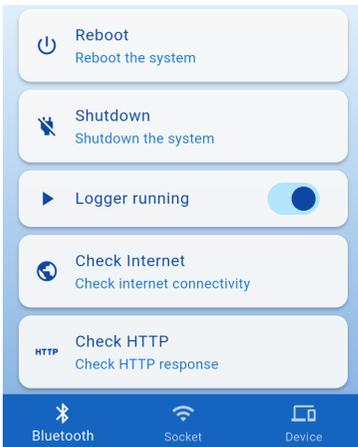
In the Amberlogger app, the device should appear by its serial number. Tap it to pair and connect.

Activate Ambertide



To activate ambertide, open the Actions tab, there you will find Logger running greyed out. Toggle it ON, it should turn blue.

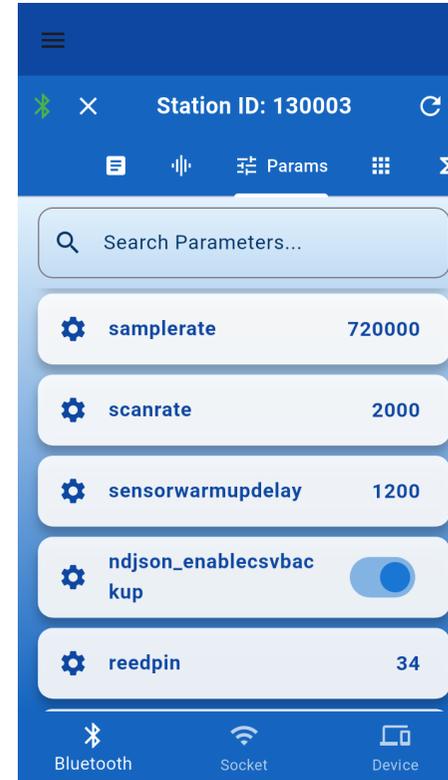
Note: Keep an eye on the Bluetooth icon, it should stay green. If it turns red, the connection has been lost. Re-activate the device Bluetooth using the magnetic pen, then reconnect in the Amberlogger app.



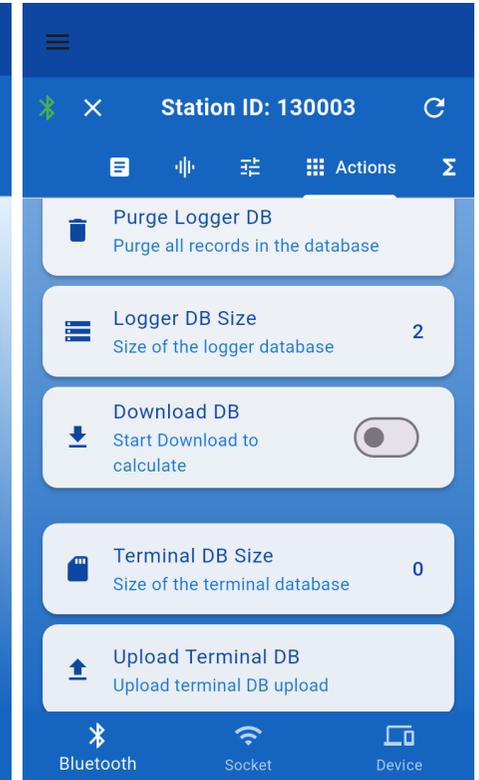
After enabling Logger Running, a reboot is required.

Note: Rebooting will turn off the device's Bluetooth. If you want to access it again, you'll need to re-enable Bluetooth using the magnetic pen.

App additional features



In the Params tab, you can edit all the available Ambertide parameters. For example, the default samplerate is set to collect data every 12 minutes (the value is in milliseconds). After making your changes, it's recommended to reboot the device.

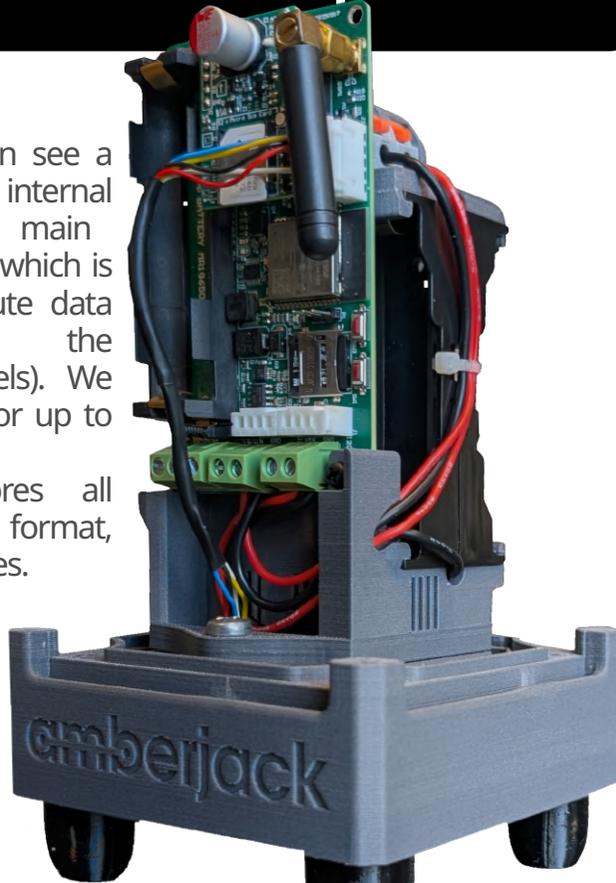


In the Actions tab, you can download data in case of communication failure. Once downloaded, you can upload it to Ambercloud using your phone's Wi-Fi or mobile data.

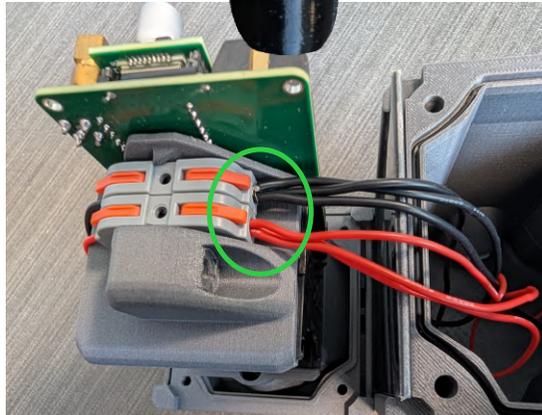
Purge Logger DB deletes all stored data, including SD card records, CSV files, and session files. This is recommended if Ambertide is behaving incorrectly

Assemble Ambertide part #1

On the right, you can see a visual of Ambertide's internal layout. It contains a main single battery holder, which is sufficient for 12-minute data acquisition (with the enclosure solar panels). We also added support for up to six batteries if needed. The SD card stores all recorded data in CSV format, organized into daily files.



It is possible to add an external solar panel as well. To do this, disconnect the enclosure solar panel and insulate its wires with insulation tape. Then feed the external panel cable through the IP68 gland on the back of the enclosure and connect it to the lever connector.

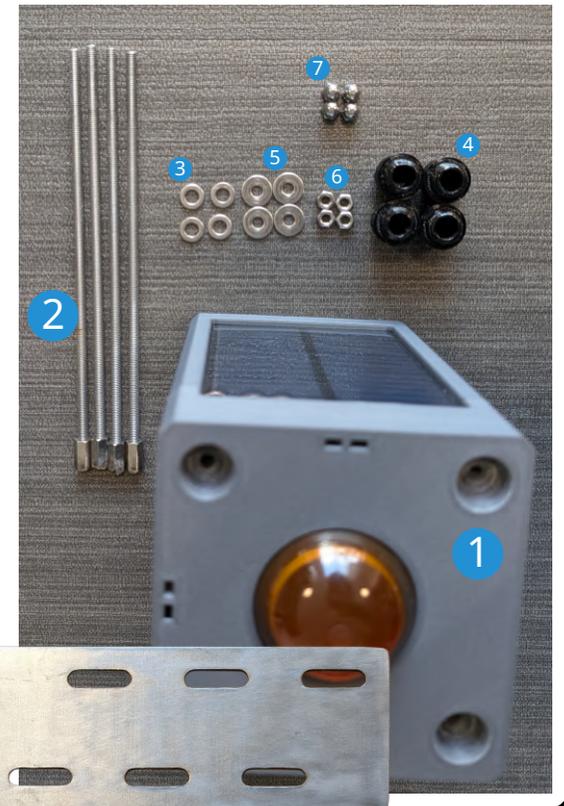


Assemble Ambertide part #2

Join the top and bottom enclosure parts, making sure the solar panels slide into the designated gaps. Once all three panels are aligned, press them together firmly.



- 1 - Ambertide
- 2 - Rods
- 3 - Small washers
- 4 - TPU rubber feet
- 5 - Washers
- 6 - Nuts
- 7 - Domed Nuts
- 8 - Stainless Steel Support

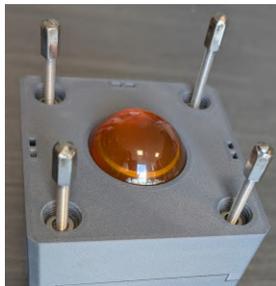


Assemble Ambertide part #3

Assemble in the order as shown below.



- place washers number 3



- insert rods until it stops



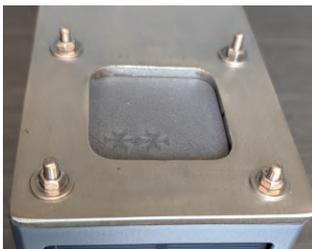
- screw them in by hand first. Once you feel resistance, tighten with a 8mm flat wrench until there is a slight resistance.



- push and screw in the number 4



- place the number 8 on top of the ambertide as shown above.



- install parts 5, 6 and 7 as shown above. And that is it. Ambertide is fully assembled and ready for field installation.

ambertjack SOLUTIONS