

Getting started

With Eupry Mapping Kit



For more information,
check out our
Knowledge Center

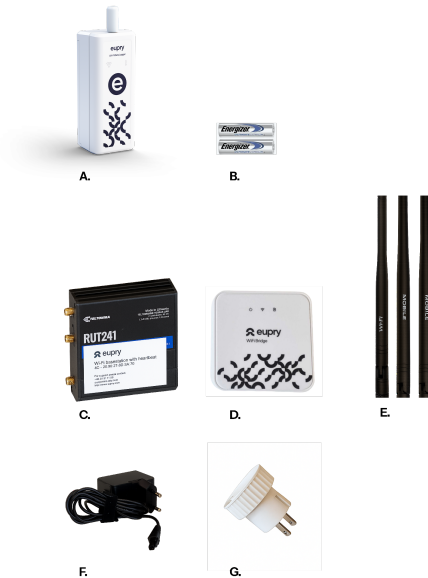


Step-by-Step Guide

Conducting a Mapping with the Eupry Mapping Kit

Included in the Mapping kit

- Data Loggers with sensors/probes (A)
- 2 extra batteries per Data Logger (B)



Live Data Kit(s)

- Basestation (C)
- Eupry Live Data Hub enabling live data (D)
- 3 x antennas/Basestation (1 Wi-Fi & 2 Mobile) (E)
- Power supply (F)
- Power supply converter (G)

Sample Rate & Battery Consumption

- The sample rate is 1 sample/minute.
- Upload interval to the Easy Map software is every 3rd minute (with live data hub)
- Usage time of the Data Loggers is estimated to be 4 months (depending on the temperature) with one set of batteries. We recommend switching both batteries in each Data Logger for every new critical mapping with a long duration (e.g. a warehouse mapping).

Note: Only use the recommended lithium batteries for replacements.

Step 1: How to Set Up the Eupry Basestation, Live Data Hub and Data Loggers

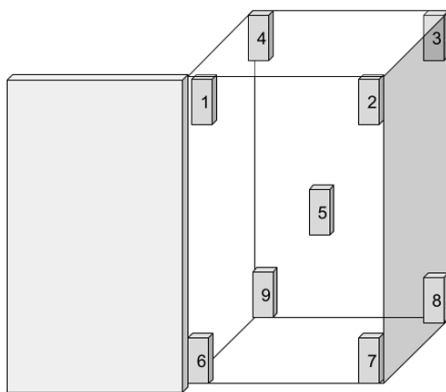
1. Mount the antennas and if possible, place the Basestation away from corners, thick concrete walls, and metal objects like pipes.
2. Plug in the Eupry Basestation and wait 5-10 minutes while it is connecting. The POWER LED will start blinking green as soon as the power is on. It is connected once the blinking switch to a steady green light.
3. Check the 4G coverage — the signal bars indicate connection quality: 1-2 bars = poor connection, 3-4 bars = good connection.
4. Place the Live Data Hub as close to the Basestation as possible and plug it in.
 - a. The front panel has three status icons:
 - i. Power – Indicates the Live Data Hub is on.
 - ii. Wi-Fi – Shows Wi-Fi connectivity.
 - iii. Data Transmission – Confirms that data is being sent from the Data Logger through the service to the Eupry Cloud.

5. Insert two AA Lithium batteries into each Data Logger (except for when you receive the Mapping Kit, where they are pre-installed).
6. Place the Data Logger nearby the Eupry Basestation, and press the central button () to ensure connection to Eupry's server, indicated by a green light on the WiFi symbol on the Data Logger

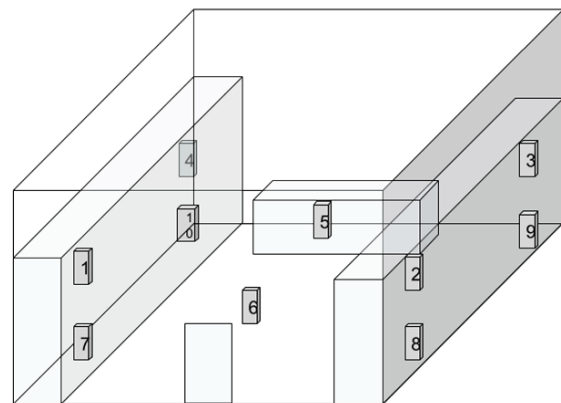
Step 2: Place the Data Loggers

1. Place the Data Loggers according to the temperature mapping protocol relevant for each mapping study
2. Make sure the physical Data Logger positions match the placement on your diagram
3. Ensure all Data Loggers are connected (green WiFi icon = good signal).
4. If a Data Logger does not connect, check batteries or make sure a Basestation and Live Data Hub are within the acceptable coverage range (which is within 100 meters in air, and no obstacles)

Examples



Cooling Unit



Storage area

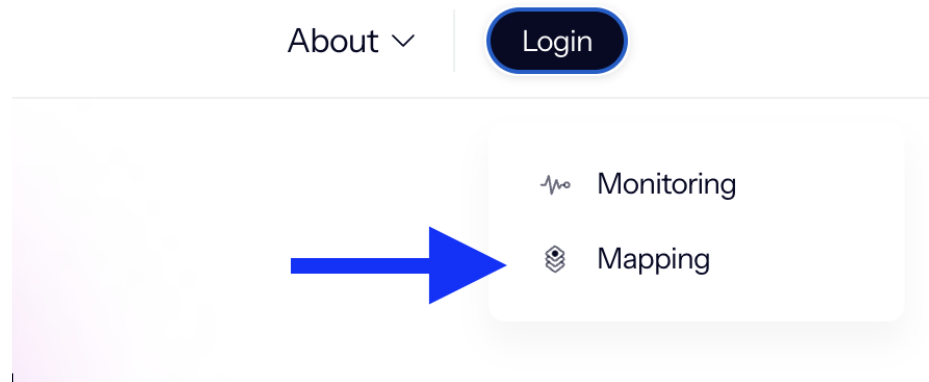
Important Note: Let Data Loggers stabilize for at least 24 hours before starting mapping. This ensures accurate readings after installation.

Step 3: Conduct the Mapping

- Note: Temperature excursions may occur — these are analyzed in your report.
- If possible, perform 72 hours of inactive mapping for a baseline dataset.

Step 4: Review and Analyze Data

1. Go to www.eupry.com
2. Login to the mapping software by clicking on Login and selecting Mapping



3. Set start/end time, define acceptable range, name your mapping, and select sensors to be included in the study.
4. Click “Preview” to analyze.
5. Click “Save report ” to enable report export as PDF or CSV if needed

 *Tip: Keep Data Loggers in place until data has been reviewed and verified.*

6. You can remove the two AA Lithium batteries from each Data Logger, when the Mapping Study is 100% complete and data is uploaded, if you want to save battery. Remember to press the central button (ⓔ) followed by the green light on the WiFi symbol on the Data Logger **before** you remove the batteries.

Technical Support

If you encounter any technical issues or require assistance, please reach out to the Eupry Support Team:

- **Email:** support@eupry.com
- **Phone (EU):** +45 53 51 77 00
- **Phone (US):** +1 (857) 214-5305

Enabling and Configuring Alarms in Eupry Monitoring (Optional)

Alarms will be off by default. If you want to enable alarms, please follow these steps.

1. Access the Alarm Settings

- Log in at app.eupry.com/monitoring.
- Go to the Profile where your Data Logger is placed.
- Click the bell icon (🔔) in the top icon menu bar — this opens the Alarm Settings Menu.

2. Choose Alarm Type

- In the Alarm Type dropdown, select whether you want to configure:
 - Temperature alarms (°C)
 - Humidity alarms (%RH)

Both are set up similarly; only the measurement units differ.

3. Activate Alarms

- Enable the “Alarms” toggle switch. This activates the alarm function for the selected profile.

Note:

- Your Data Loggers must be connected to WiFi.
- If there is no valid connection, alarms are not sent via SMS or email (though they're still logged when the connection is restored).

4. Set an Alarm Schedule (Optional)

The Alarm Schedule feature allows you to specify when alarms should be active.

- In the same menu, open the Alarm Schedule section.
- Set your preferred days (e.g., Monday–Friday) and time periods (e.g., 08:00–16:00).
- Click Save Configuration.
- Press the (ⓔ) button on your Data Logger to immediately apply the changes, or wait until the next upload

 *Outside scheduled hours, no alarms will be sent or logged—but measurements are still recorded and visible in graphs and exports.*

5. Define Alarm Values

You can either choose from default presets or manually enter your own limits.

- Open the Alarm Values dropdown.
- Set:
 - Critical High Alarm → Maximum threshold (e.g., 8°C)
 - Critical Low Alarm → Minimum threshold (e.g., 2°C)
- Optionally, enable Greyzones:
 - Enable Greyzones → Adds a buffer range between normal and critical values.
 - Greyzone Duration → How long data can stay in the greyzone before triggering an alarm.

- Greyzone High/Low Limits → Define the upper and lower greyzone boundaries

Example: Critical range: 2°C–8°C Greyzone: 3°C–7°C (with a 45-minute delay before triggering).

6. Verify and Save Changes

Once settings are adjusted:

1. Click Save.
2. Your changes will sync to the Data Logger on the next connection or immediately if you press the () button on the Data Logger.

You'll now see visual indicators of your alarm setup:

- Dashed red/blue lines → Critical limits
- Thick dashed red/blue lines → Greyzone limits
- Colored lines on graph show whether values are within limits, in greyzone, or critical

7. Confirm Alarm Functionality

You can confirm alarms are enabled by:

- Checking the Profile Overview — alarm icons will show as active.
- Viewing the graph — red/orange sections indicate active alarm periods.
- Reviewing exported reports, where alarm configurations and occurrences are summarized.