

# AUTOMATIC MONITORING



Collect transport data smart without manual labor or complex processes. **Loggers** reliably record data in their internal memory throughout the entire transport. At the **loading or unloading depo**, they automatically connect to the **central unit**, which transfers the data to **the cloud and the LogHub application instantly, without any manual intervention**.

All recorded information is **immediately available** in your **LogHub mobile or web application**, giving you continuous oversight of the transport process, conditions, and all relevant data simply, quickly, and securely.

- Less manual labour, increased efficiency.
- Ideal for regular routes.
- Long battery life.
- Automatic PDF/A report.
- Automated data retrieval via Wi-Fi.
- Cost-effective for large-volume shipments.
- Data available immediately at the transport destination.

Data transfer:

After transport – automatically when connected to Wi-Fi

Required devices: **Logger + Central unit**

Monitoring during transport: **Yes**

Real-time error alerts: **No**

Connectivity dependency: **Within Wi-Fi range**

Suitable for: **Regular transport routes, depots**



## Necessary devices

### Logger

A **logger** is a small, battery-powered device for online measurement. Data recorded by the logger are transmitted to the central unit via wireless technology and then sent to the server. The collected data is processed by a cloud-based solution and made available online through the web application.

Temperature range: **-40 to 80 °C**

IP rating: **IP30 with dimensions 64 x 37 x 17 mm**

**IP65 with dimensions 70 x 50 x 35 mm**

Battery life: **2 – 5 years**

### Central Unit

The **LogHub Observer central unit** is a communication device with a built-in battery that collects measurement data from loggers and transmits it to the server. A single central unit can handle more than 100 loggers. The unit communicates wirelessly on the 2.4 GHz frequency and uses Wi-Fi to connect with the cloud server and the service API.

Operational range: **-10 to 60 °C**

IP rating: **IP30 or IP65**

Power supply: **Battery + USB adapter**

Battery life: **12 – 24 hours**