

# SynWater

WATER QUALITY MONITORING SYSTEM

SYNELIXIS<sup>\*</sup>

2025



# SynWater

With many years of experience in automation and information technology, building on partnerships with agricultural universities and research centers, Synelixis presents **SynWater.**

**SynWater** is **Synelixis'** innovative solution, coming as an extension to **SynField**, which can detect and measure water quality characteristics. This professional water quality monitoring system can support sensors measuring:

- **Water temperature**
- **PH**
- **Oxidation Reduction Potential (ORP)**
- **Dissolved Oxygen (DO)**
- **Electrical Conductivity (EC)**



## How it works

The **SynWater** system extends the capabilities of the **SynField** system by adding water quality measurements.

The device is specially designed to connect to the SynField nodes (X3 and X5).

It supports **up to 5** water quality sensors, while **supplementary water-related sensors** such as water pressure, water level and water flow, can also be installed to the respective SynField device that the SynWater is connected to.

The SynWater has **low power** dissipation and can be used in solar/battery powered applications.



**Remote Control & Monitoring**

5

**5 Water Quality Sensors**



**Supplementary water-related sensors such as:** Water pressure, water level and water flow.



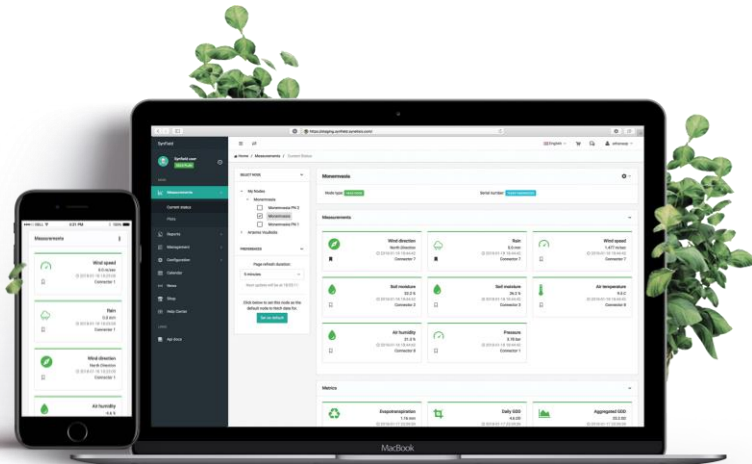
**Energy autonomous device & Low energy consumption**



# SynWater and the SynField Cloud Platform

The measurements of water quality characteristics are sent from the **SynWater** device to the **SynField platform**. Thus, the data are available, wherever you are though your desktop or your mobile device! Monitor the water quality characteristics remotely. Through the SynField platform the user can also access historical measurement data.

Furthermore, you can set **alerts** so that you are automatically **notified** in case any of the criteria you set are met.



Monitor the water quality characteristics remotely 24/7 from your computer or mobile device, wherever you are.

SynWater is the ideal solution for water quality characteristics monitoring in:

- Aquaculture
- Fish farming
- Smart cities
- Environmental & industrial applications



# SYNELIXIS\*

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