

SynWater

WATER QUALITY MONITORING SYSTEM

SYNELIXIS^{*}

2023

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 and monitoring of water quality characteristics



5 water quality sensors



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



Energy autonomous device & Low energy consumption

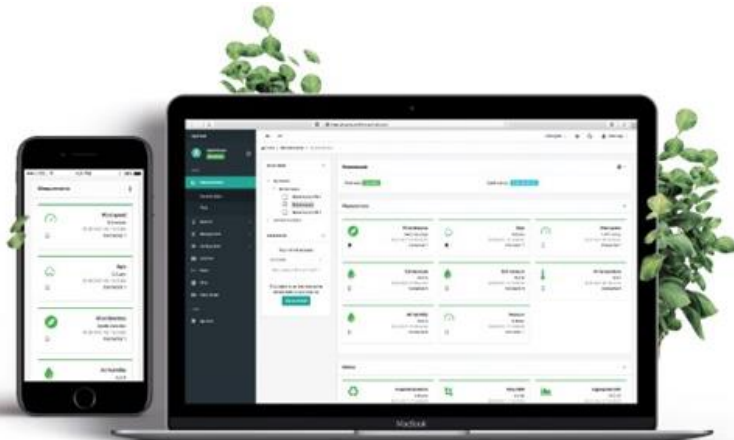


SynWater and the SynField platform

The measurements of water quality characteristics are sent from the SynWater device to the SynField platform. Thus, the data are available, wherever you are through 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

157 Perissou Str., Nea Chalkidona Gr-14343,
Athens, Greece

T:+30 210 2511 584

www.synfield.gr

info@synfield.gr

