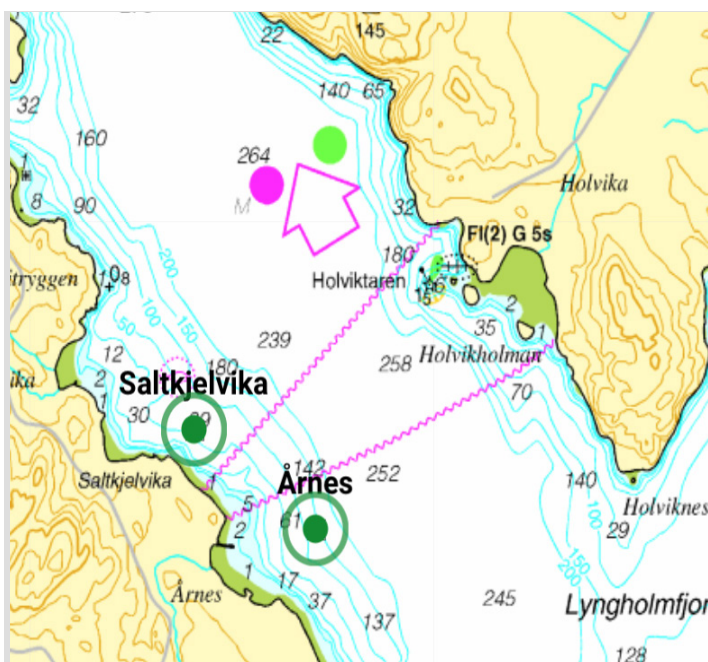


Wireless monitoring of the water environment

Guardian is a wireless system for measuring and managing water environment data at fishfarms: Oxygen, temperature, salinity, current and turbidity. Guardian comes with web page solution and cloud storage of all data.



Guardian is floating buoy equipped with optical sensors and unit for data processing. Data is transmitted through GSM to a cloud-based storage and web page for further data management.

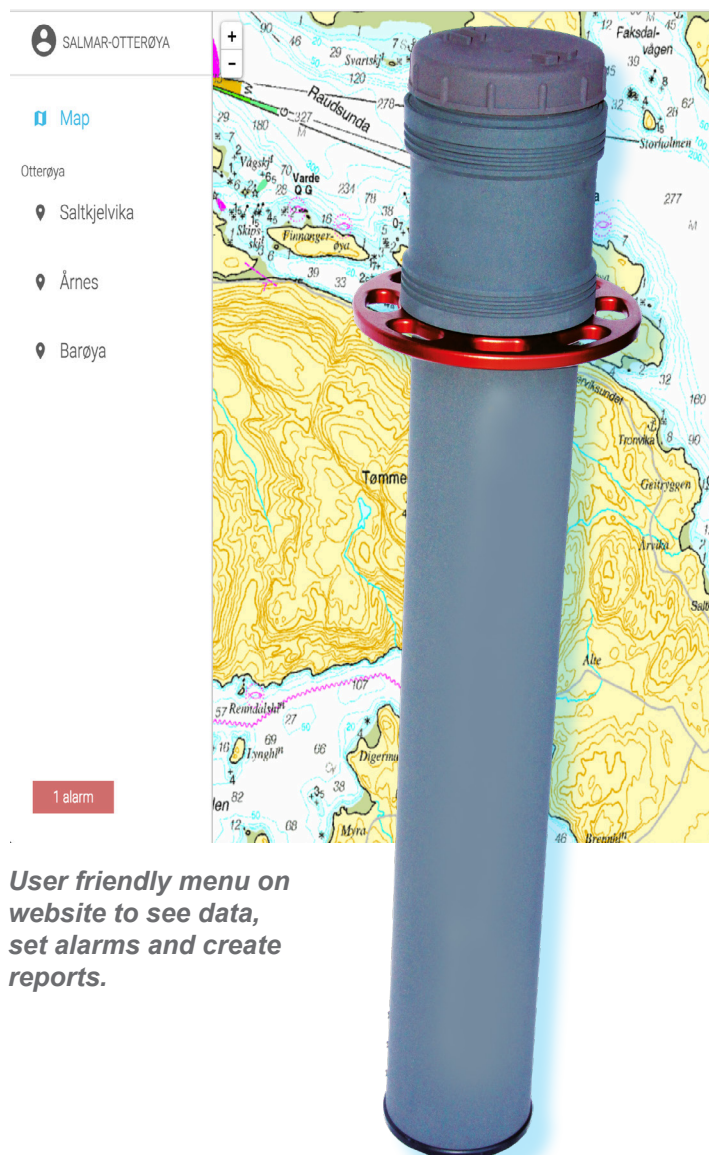


- ▶ Oxygen/temperature/salinity/current
- ▶ User friendly presentation on web
- ▶ Overview over several farm sites
- ▶ Up to 12 months battery time
- ▶ 100 % wireless (GSM)
- ▶ Logging and alarm

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Guardian is equipped with high quality optical sensors, wireless communication, electronics and an excellent battery.

Guardian collects precise environmental data from fish pens. The measurements are sent with GSM to a cloud based storage server. Data is presented on an individual web-site for further processing as making reports from time intervals. The optical sensors are robust and demands no regular service.



User friendly menu on website to see data, set alarms and create reports.

Co-invented with fishfarmers

Guardian has been developed in close cooperation with fishfarmers. The aim has been to create a wireless system, easy to use in daily operation, even at exposed farm sites.

Trends and documentation

Guardian is a stand alone system for monitoring key data about the environment at fishfarms. Guardian stores all collected data.

Robust fabrication

Guardian has been designed for a rough environment, and is thoroughly tested on fish farms. Guardian requires no calibration or special maintenance.

Produkt	Measurements
xO2 Guardian	oxygen and temperature
SA Guardian	salinity and temperature
Current Guardian	water current and direction

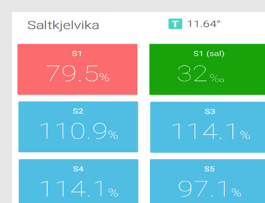
The oxygen and salinity measuring buoys can be mounted with a double set of sensors at different depths.

Standard cable 10 meters, longer cable on demand.

All data are stored in a cloud based database



Read measurements and data at a dedicated web page.



Watch trends online and export data in PDF or EXCEL formats.



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