

Relay

Simple remote switching for aquaculture sites



Key Features

- SIM-based remote switching for site equipment
- Designed for Innovasea Realfish Pro users
- Simple automations triggered by environmental thresholds
- Remote alerts, relay state reports and status updates
- Can support pumps, compressors, samplers and oxygen systems
- Custom integrations available for other use cases

About Relay

Built from a real fish farm requirement, Relay connects water quality alerts with equipment on site, so a low oxygen reading can trigger an aeration system without someone needing to step in manually.

The idea is straightforward: when an environmental threshold is met in Innovasea Realfish Pro, Relay sends a command to a SIM-based switch. From there, pumps, compressors, samplers, oxygen systems or other electrical devices can be activated, paused or checked remotely.

Relay is designed to control the equipment already in use on a site. Our technical team configures the workflow around the monitoring system, communications and hardware in place, helping turn existing equipment into a more responsive setup.

Relay has already been shown to work with compressors and GroAqua oxygen systems, helping sites respond to changing oxygen conditions without relying on manual intervention. For other applications, our specialists can review the monitoring platform, site equipment and control requirements before recommending a suitable integration route.

Applications

- Aquaculture aeration and oxygen management
- Remote activation of pumps, compressors or sampling equipment
- Control of GroAqua oxygen systems
- Event-driven environmental monitoring and water quality response
- Reducing unnecessary equipment run time
- Custom switching workflows for site-specific aquaculture equipment

Specifications | Subject to change without notice

Communications	2G/4G GSM / SIM-based operation
Integrations	Designed for Innovasea Realfish Pro
Control	Web app automation, SMS command and relay state reporting
Outputs	Up to 32A, configuration dependent
Power	240VAC input; 12/24VDC and 115VAC options available
Enclosure	Weatherproof enclosure
Dimensions	Approx. L150 x W90 x H45mm
Environmental	Operating Temperature: -10°C to +40°C