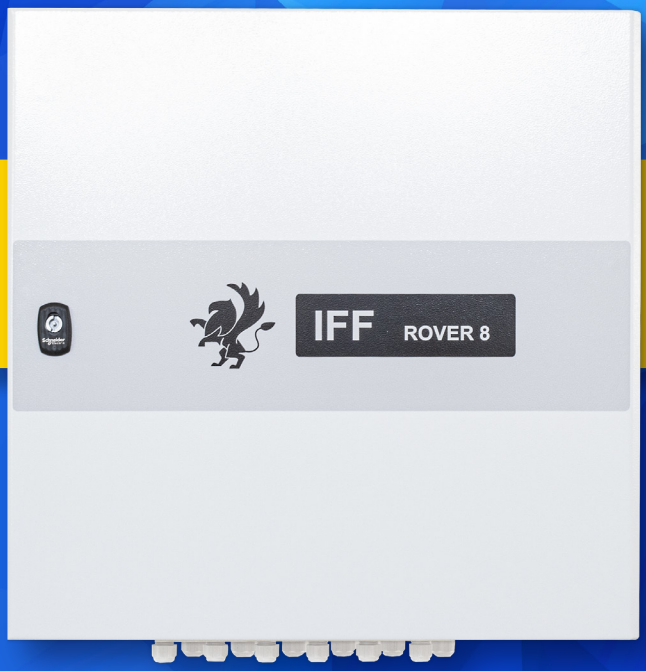
iffman BY GRYF
INTEGRATED FISH FARMING MANAGEMENT

IFF ROVER



System for live cargo control and supervision

Fish farm on wheels

The IFF Rover system represents all the possibilities of the IFF solution in its mobile form. Locked in a metal cabinet, resisting freezing cold, tropical heat, water, and dust in compliance with IP66.

Up to 12 multiparametric probes to be connected to a control system capable of controlling up to 12 devices, valves, or other active elements.

The power consumption as low as 10Ah/day for the entire system allows continuous monitoring even during necessary rests with the engine off.

Connectivity

With its dual LTE and high-gain antenna module, the system will keep you updated about the cargo conditions and can be visualized as a part of your farm with live data feed.

Using the dedicated WiFi connection to the truck's cabin, the driver can see the readings and overall system activity in real-time, even in places without the LTE signal.

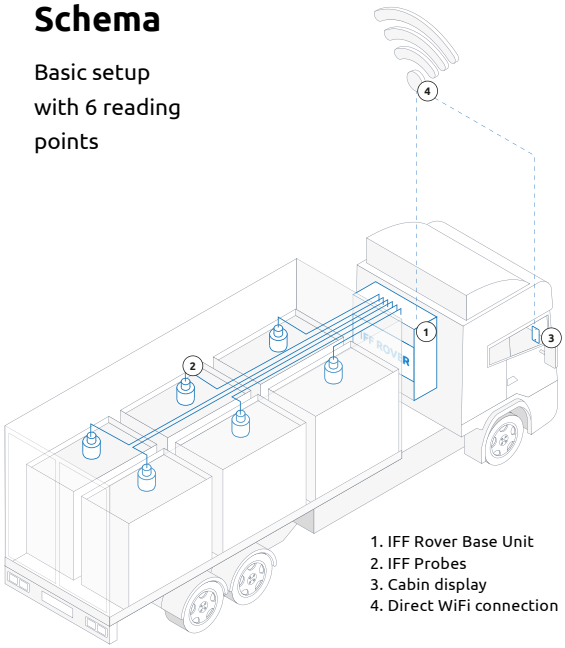
The ultimate proof of transport quality

The end recipient of the cargo may be provided with a protocol upon its arrival, or even a link to track the cargo conditions already during its way.

Only with the IFF Rover system, the producer, delivery service, and the customer can be assured of the highest quality of provided service.

Schema

Basic setup with 6 reading points



1. IFF Rover Base Unit
2. IFF Probes
3. Cabin display
4. Direct WiFi connection

The IFF Rover Cabinet

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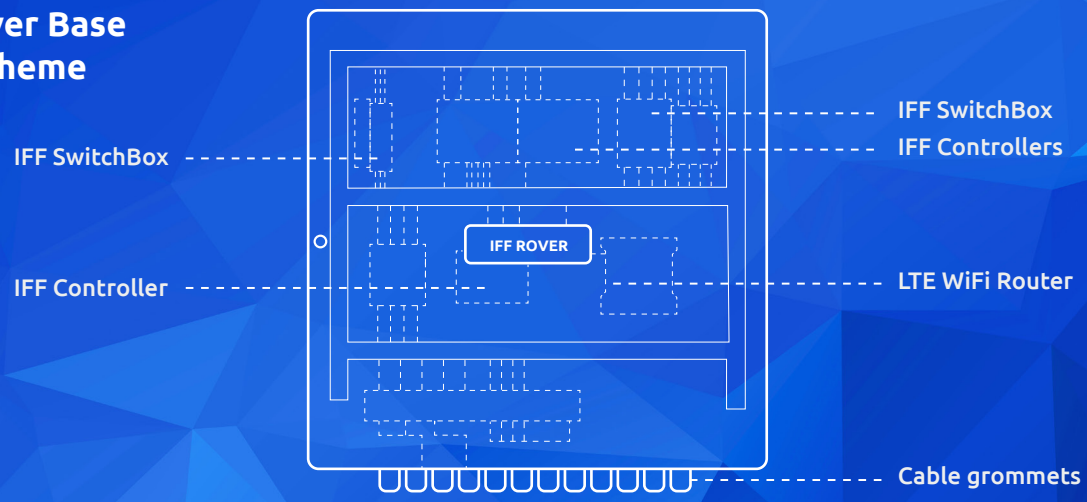
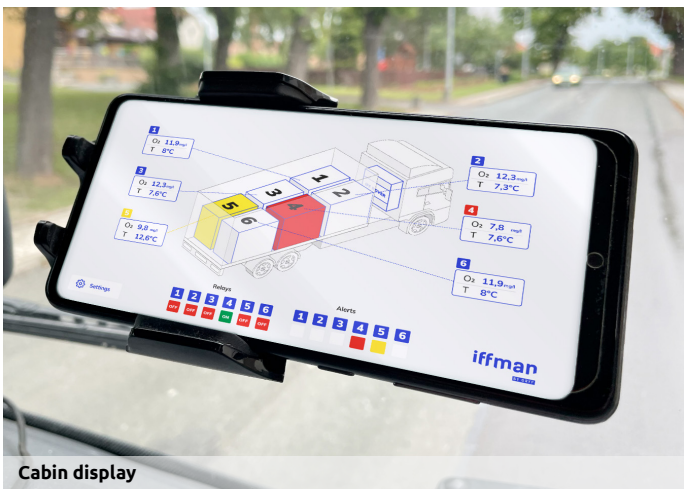
IFF Rover Base Unit scheme



Basic technical parameters

Connectible reading points	Up to 12 multiparametric probes (24 channels)
Power Supply (depends on configuration)	19 ÷ 37V DC / 800 ÷ 1200mA
Energy consumption	8 to 39 Ah/day (configuration and GSM signal strength dependent)
Switches (relays)	Up to 12x 10A, 250V (customizable)
Data Storage Interval (depends on configuration)	1 ÷ 10 min.
Cloud communication	Dual 4G (LTE)
Local data communication	wireless LAN (IEEE 802.11b/g/n)
Operating temperature range	-20 °C ÷ 70 °C
Dimensions	600 x 600 x 200 mm
Protection	IP66
Weight	cca 20kg



Cabin display


Truck with IFF Rover

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