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INTEGRATED FISH FARMING MANAGEMENT
BY GRYF

IFF GATE

A durable control system with clear visualisation

Your fish farm under constant supervision from anywhere

Whether you use 2 or 200 sensors at your fish farm, the IFF Gate system will provide a secure connection and supervision at any time and from anywhere. The IFF Gate collects measured data from the IFF Controllers. This data is automatically archived and sent to cloud storage by internet connection.

Local and remote viewing of current data

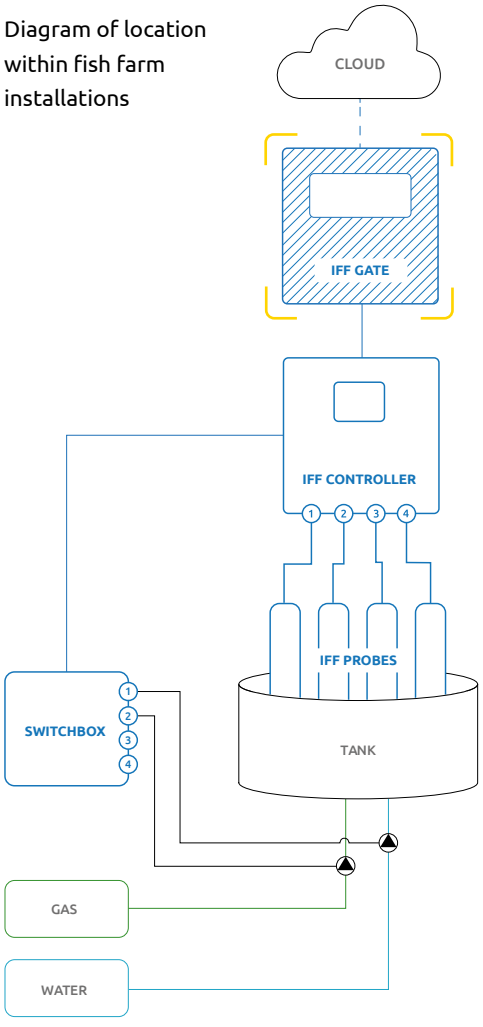
The stored data can be comfortably viewed by operators on a 7-inch display located on the IFF Gate. The data is also available by web browser from a cloud, where a secure account has been created. You can use the IFF Gate to easily use the remote dispatch, management and analysis of saved data, and also to control all connected systems independently of their location.

Monitoring for safe transport of live fish

The IFF Gate is equipped with a WAN cable connection and two 4G/LTE slots. This means that the system is easily installed onto a tank and you can see the transport status on-line, exactly like on the farm, for instance from your home or from your vehicle. You will always deliver your cargo in order and without losses, because you will be able to act quickly if needed.

Structure

Diagram of location within fish farm installations



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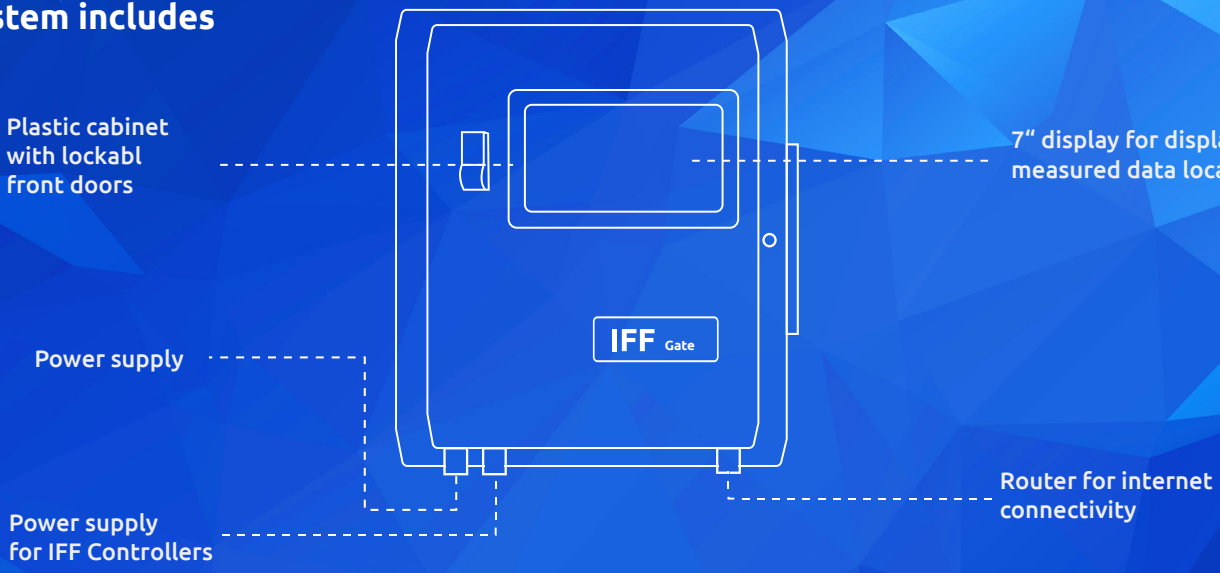
System includes

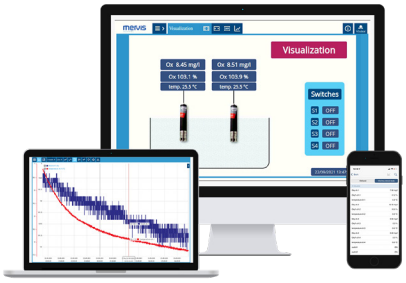


Basic technical parameters

Number of connected IFF Controllers	1 ÷ 10
Connection of IFF Controllers	shielded cable, total cable length must be max. 1000 m
Power supply	90 ÷ 250 V AC
Data storage Interval (depends on configuration)	1 ÷ 10 min
Display	7 “ Colour TFT, touch panel
Operating temperature range	-5 ÷ 50 °C
Storage temperature range	-20 ÷ 70 °C
Dimensions	324 x 289 x 146 mm
Dimensions (box)	520 x 450 x 220 mm
Weight	cca 8 kg

Scada

Supervisory (Control and Data Acquisition) is a cloud service for the remote dispatch, management and analysis of historic data. SCADA provides the option of monitoring and controlling all connected systems independently of their location using a clear graphic interface. This means that a single supervisory system can manage the operation of technologies located on various continents. Operations can be monitored via a mobile application on your smart phone or tablet.



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