



Product Overview

FishVue LIME (Lite Integrated Monitoring Equipment) is an innovative, low-cost data collection platform designed to help fleet managers, fisheries regulators, and enforcement agencies monitor fishing activity in near real-time. Engineered for flexibility and coastal monitoring, FishVue LIME is compact, robust, and built to accommodate a wide range of vessel types, including small boats that lack the space for full-scale Electronic Monitoring (EM) systems. It is particularly suited for fisheries where the cost of full-scale EM is prohibitive due to low fishing effort or intermittent fishing trips

Product Features

- Budget-friendly monitoring designed to lower the cost of compliance and monitoring in fisheries management.
- Collects data on vessel location, fishing effort, and environmental conditions without requiring imagery-based surveillance.
- LIME is compact, at just 153mm x 118mm x 39mm the unit can be installed almost anywhere on a vessel.
- Features GPS and global cellular connectivity, enabling real-time monitoring in any coastal fishery.
- While FishVue LIME is a cell-based system, it can be upgraded with Rockblock satellite connectivity where necessary—though this alters its cost-effectiveness.



GENERAL

Physical Dimensions:	153mm x 118mm x 39mm
Power Consumption:	<2uA (standby) ~25mA (active)
Storage:	Capacity for 72,000 logs Approx 25 days of 30 sec
Antennas:	GPS (internal) Cellular (internal) Bluetooth (internal)
Mounting:	Mounting tabs integrated into enclosure
Operating Temperature:	30°C to +60°C
Battery:	3500mAh (internal) Optional External Battery
Ingress Protection	IP68 IK08

CONNECTIVITY

Supported Networks:	2G, 3G, LTE
Supported Wireless:	BLE, Bluetooth 5.2

SENSOR INTERFACES

Analog Inputs:	1 x 0V - 30V Analog Input 1.22mV Resolution
Digital Inputs:	4 x Digital Inputs (configurable as digital counters)
Enclosure Tampering:	Optional Internal tampering sensing and power loss alerting
Relay Outputs:	2 x Switched Ground Outputs
Serial Communications:	RS232, UART TTL, CAN Bus, Weigand, 1-Wire

INTERNAL SENSING

GPS:	~1m CEP, GPS, -130dBm Concurrent GPS/QZSS, GLONASS, Galileo, BeiDou
GPS Jamming Detection:	GPS Jamming detection and alert on
Accelerometer	3-Axis accelerometer or detect movement, high G-force events, etc.
Temperature:	Onboard measurement -30°C to +60°C, ±3°C