FISHVUE PRODUCT SPECIFICATION SHEET

FISHVUE LIME



Real-time monitoring built for inshore fleets

FishVue LIME (Lite Integrated Monitoring Equipment) is a purpose-built electronic monitoring system that combines high-resolution vessel position and gear activity data to give fisheries managers a detailed picture of fleet activity and fishing effort. Compact, rugged and skipper-installable, LIME gives fisheries managers a reliable, cost-effective and scalable tool for monitoring fishing activity across diverse fleets.

Product Features

- Compact design with watertight M12 cabling for quick, straightforward one-wire installation.
- High-frequency logging provides a detailed picture of vessel activity and fishing effort.
- Flexible analog and digital sensor inputs support a wide range of gear and environmental measurements.
- Supports Positive Gear ID, automated activity tracking, and soak time detection.
- 20+ days of onboard data storage and a 3,500 mAh backup battery maintains continuous data capture.

Set It and Forget It

Under 0.5 W in operation | 7+ days backup

Leave it powered all season. A 3500 mAh internal battery keeps it recording through power interruptions, and an optional external battery extends that further.

Scan to learn about the numbers behind LIME.

In this video, we share real-world results from three seasons of LIME in the California and Washington Dungeness crab fisheries. 700+ systems installed, 1.5 billion measurements collected in 2025, and what that means for fishers on the water.

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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, Galilieo, 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

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