



## Product Overview

FishVue Vantage is Archipelago's premier electronic monitoring (EM) system, engineered to deliver precise and efficient data collection across diverse fisheries. Designed for reliability and scalability, Vantage integrates seamlessly into global EM programs, ensuring compliance while optimizing operational efficiency. With its high-definition cameras, industrial-grade sensors, and real-time connectivity, FishVue Vantage empowers fisheries to enhance monitoring capabilities and streamline data analysis.

## Product Features

- Supports multiple high definition IP cameras
- 2-Way Connectivity for remote updates and data transmission
- Cellular connectivity
- Satellite connectivity capable
- Internal or External GPS capability
- Analog sensor inputs
- Digital sensor inputs
- RFID sensor inputs
- Removable hard drive
- Temperature rated from -10°C to 60°C
- Tamper evident
- 12-36v DC power 110/220v AC power



## POWER SUPPLY

<b>Power Inputs Mode:</b>	DC Inputs (11-36V) AC Input (external converter) 120W Input: 100-240V AC 47 to 63 Hz Output 12 or 24V DC
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## CONSUMPTION

<b>Control Center:</b>	30W (60W maximum)
<b>Camera (ea.):</b>	4.2W (6.4 maximum)
<b>Control Center (2 Cameras):</b>	38.4W (72.8 maximum)
<b>Control Center (4 Cameras):</b>	42W (84.4 maximum)

## BACKUP POWER

<b>Intentional Shutdown:</b>	10 seconds runtime
<b>Unintentional Shutdown:</b>	1.5 minutes runtime

## STORAGE

<b>Internal Drive:</b>	1TB NVMe
<b>Removable 2.5" SATA Drive:</b>	≤ 4TB (NTFS Formatted)
<b>Removable USB Storage:</b>	≤ 4TB USB 2.0 Transfer (~1GB/min)

## INTERFACES

<b>Communication:</b>	Ethernet (GigE) RS232 Serial NMEA2000
<b>Input/Output (I/O) Ports:</b>	4x Universal Sensor Input
<b>Power Outputs:</b>	12V Output (12W max) 48V Output (45W max)

## INTEGRATED SENSORS

<b>GNSS Receiver:</b>	GPS, Galileo, GLONASS, Beidou, QZSS 2.0m Accuracy L1/E1/B1 Support SBAS: WAAS, EGNOS, MSAS, GAGAN
<b>Accelerometer:</b>	2g to 16g FSR
<b>Gyroscope:</b>	125°/s to 2000°/s FSR

## PHYSICAL CHARACTERISTICS

<b>Operating Temperature:</b>	-20°C to 60°C 0°F to 140°F
<b>Dimensions:</b>	295mm x 215mm x 88mm 11.6" x 8.5" x 3.5"
<b>Weight:</b>	2kg 4.4lb

## COMPLIANCE

<b>Markings:</b>	CE, RCM, UKCA, FCC, WEEE, RoHS
<b>EN60945:</b>	Designed for VHF Isolation

## FEATURES

<b>Configuration:</b>	Remote config over cellular, FOTA
<b>Device Updates:</b>	Remote update over cellular FOTA
<b>Mobile Interface:</b>	Browser UI (Chrome, Safari, Firefox)
<b>IP Camera Support:</b>	ONVIF Profile S and T