



Introduction

Archipelago, the leader in Fisheries Monitoring has produced an innovative new system to bring more convenience to data collections from your small vessel. The FishVue Mobile is a rugged, one camera, device with custom mounting hardware for ease of mounting and durability on the water. WiFi and cellular connections are available for an easy and cost effective way to transmit data.

Archipelago has specifically created the software for FishVue Mobile, based on over 20 years of experience to be customizable, easy to use, and posses a full suite of fisheries data collection features.

FishVue Mobile will gather data related to fishing effort, including date, time, and location while the high quality imagery will provide essential data on retained and discarded catch, plus catch handling. The device is designed to cater to vessels that require professional level monitoring, but either cannot afford or support a traditional EM system as found on the market today.

Product Overview

- Launching Q4 2021/ Q1 2022
- Rugged tablet-based EM system for small vessels
- Versatile mounting and enclosure options
- Custom Archipelago Android app
- Single on board camera + GPS (full video or stills)
- Solar power mounting enclosure
- Wifi/Cellular data upload directly from application
- Ideal product for AI data review

Durability

The Tablet has been designed to operate even in the harshest environments on-board commercial fishing vessels. With a water ingress rating of IP68 and the most recent MIL-STD-810H certification, the durable 8-inch display can withstand up to 1.2m drops guaranteeing performance at sea.

Will withstand:

- Temperature rated to 70°C
- Immersion
- Humidity
- Salt spray
- Icing

Specifications

Based on the Samsung Galaxy Tab Active3

Processor

CPU Speed: 2.7GHz, 1.7GHz

CPU Type: Octa-Core

Display (Main Display)

Size: 8.0" (203.1mm)

Resolution: 1920x1200 (WUXGA)

Technology: PLS TFT LCD

Colour Depth: 16M

Camera

Rear Camera Resolution: 13.0 MP

Rear Camera Auto Focus: Yes

Rear Camera Flash: Yes

Video Recording Resolution: UHD 4K (3840 x 2160)

@30fps

Front Camera Resolution: 5.0MP

Memory

RAM Size: 8GB

ROM Size: 64GB

Available Memory: 48.5GB

External Memory Support: MicroSD (Up to 1TB)

Network/Bearer (S/W Enabled)

3G UMTS: B1(2100), B2(1900), B4(AWS), B5(850),
B8(900)

4G FDD LTE: B2(1900), B3(1800), B4(AWS), B5(850),
B7(2600), B12(700), B13(700), B17(700)
B25(1900) B66(AWS-3), B71(1600)

4G TDD LTE: B41(2500)



Connectivity

ANT+: No

USB Version: USB 3.1 Gen1

Location Technology: GPS, Glonass, Galileo

Ear jack: 3.5mm Stereo

MHL: No

Wi-Fi: 802.11 a/b/g/n/ac/ax 2.4G+5GHz, HE80, 1024-QAM

Wi-Fi Direct: Yes

Bluetooth Version: v5.0

NFC: Yes

Bluetooth Profiles: A2DP, AVRCP, HFD, HID, HOGP, HSP,
MAP,OPP, PAN, PBAP

PC Sync: Smart Switch (PC Version)

Sensors

**Accelerometer, Fingerprint Sensor, Gyro Sensor,
Geomagnetic Sensor, Hall Sensor, RGB Light Sensor,
Proximity Sensor**

Physical Specification

Dimension: 126.8mm x 213.8mm x 9.9mm

Weight: 427g

Battery

Internet Usage Time(Wi-Fi): Up to 11 hours

Battery Capacity: 5050mAh

Removable Battery: Yes