

# **FISHVUE** MOBILE

## **User Manual**

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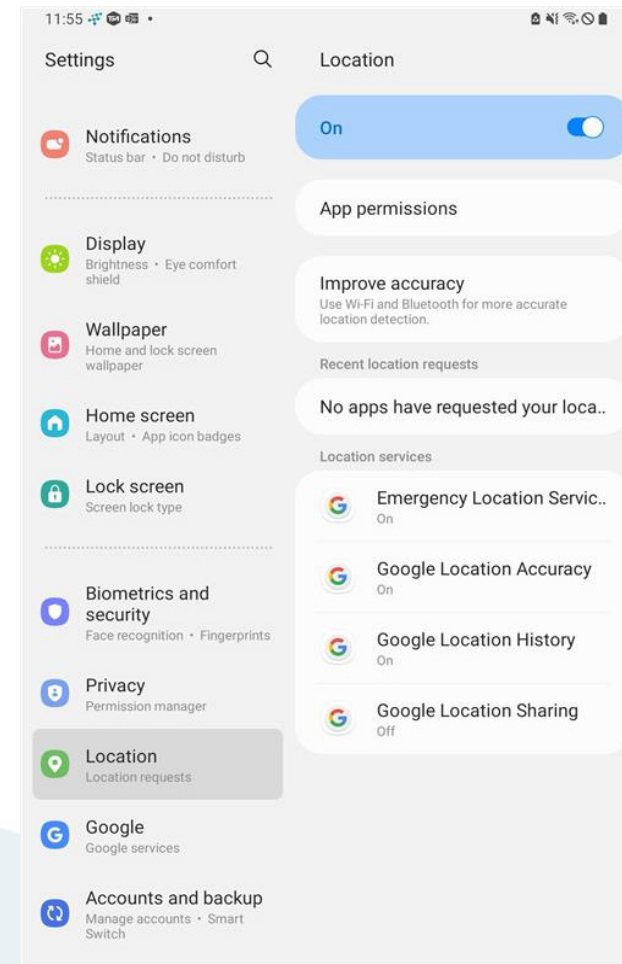
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## Getting Started

Before using the FishVue Mobile app, the “Location requests” feature must be turned on to allow the app to log location information while fishing:

1. Open the Android device settings.
2. Click on “Location” from the list on the left side of the screen.
3. Ensure the feature is turned “On” at the top right of the page.



## Launching FishVue Mobile

This section explains how to launch the FishVue app from the home screen and an explanation of what each button does.

Find the FishVue Mobile icon on the home screen to start the app.



OR...Press the red 'Action' button on the side of the tablet

### Recording

To start recording press the white button in the bottom middle.

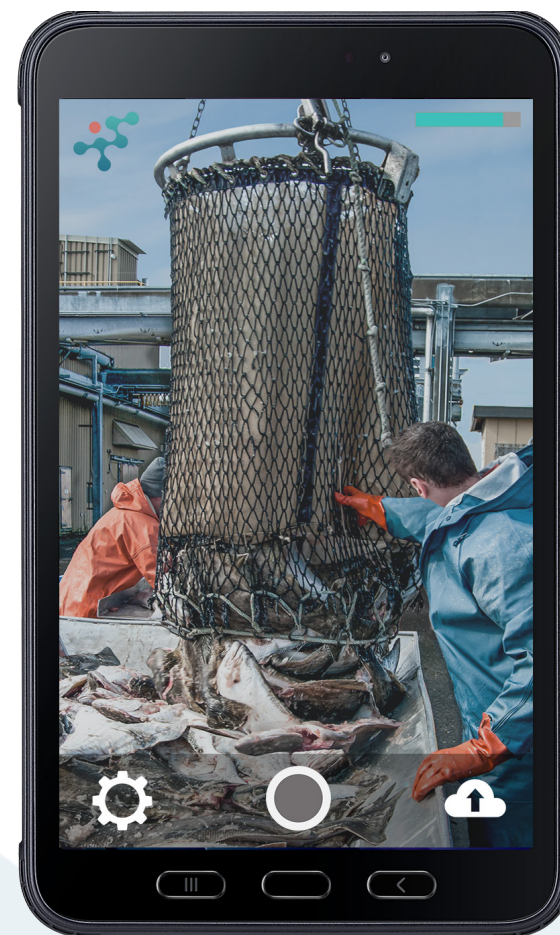


★ *You should start recording each time you leave the dock.*

### Settings

The settings are used to control the app behaviour and how data is recorded.

To view and change the settings, tap the gear icon at the bottom left.



## Upload

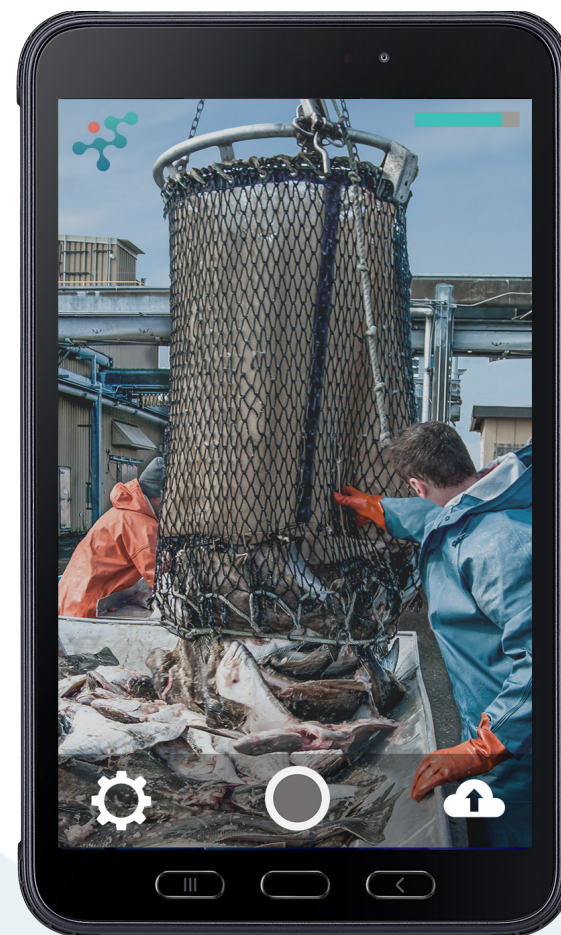
To upload data, tap the upload icon at the bottom right.



★ *You should upload your data at the end of each fishing trip when you are connected to WiFi*

## Battery Status

The battery status is displayed on the battery bar at the top right



## Recording



While recording, the app displays information about GPS speed, position and when the video or stills are being recorded:

1. Time since last GPS position was recorded it is shown in seconds (normally, positions are recorded every second).
2. Current position is shown (latitude and longitude in decimal format)
3. Current speed is displayed in knots.
4. The paper icon indicates that position data is being recorded.



5. The video camera icon indicates that video is being recorded.



6. The camera icon indicates that time lapse photos (camera stills) are being recorded



7. The elapsed time since recording was started is displayed in the centre of the screen.
8. The current camera view is displayed in the background to help aim the camera





## Battery Save Mode

After a period without any user taps in the app, the screen will turn off to extend battery life. You can tap the screen to turn it back on.

**NOTE:** The application will continue to record data while in “Battery Save” mode

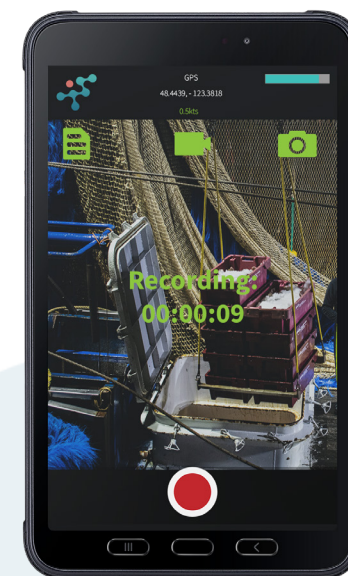
## Stop Recording

To stop recording, tap the red recording button.

★ *You should stop recording when you return to the dock.*

## Upload Data

1. Stop recording if you haven't already.
2. Connect the device to WiFi with an internet connection.
3. Tap the upload icon button at the right of the screen.
4. The app will upload all the recorded data and show the upload progress (Leave the device on and connected while uploading).
  - a. If the device power or internet connection is lost. The system will restart where it left off when you reconnect and restart the upload
  - b. Once files are successfully uploaded and double-checked by the app, they will be deleted from the device automatically.



20220614.sen  
0.2 B - Uploaded: 3s  
20220614.vmd  
0.1 B - Uploaded: 1s  
20220613090333.cfg  
1.9 kB - Uploaded: 0s  
20220614091548.cfg  
1.9 kB - Uploaded: 0s  
1\_1555.mp4  
5.4 MB





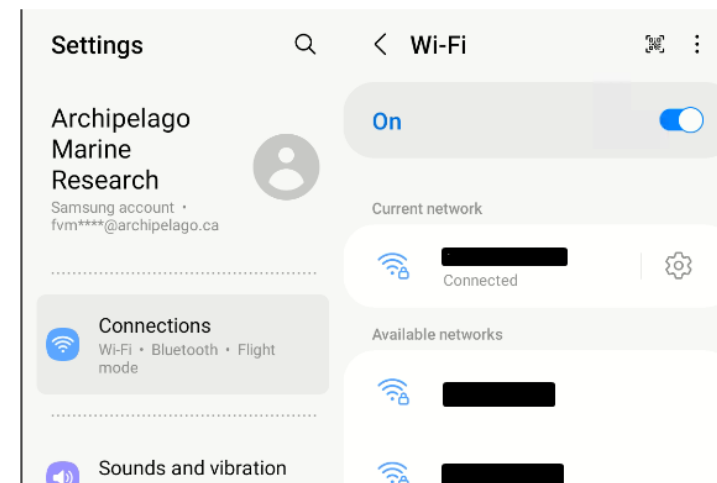
## Connecting to Wi-Fi:

In order to successfully transmit data collected during a day of fishing, wireless connectivity will have to be configured for the device.

To do this:

1. Open the android device settings.
2. Click on “Connections” from the list on the left side of the screen.
3. Tap the word “Wi-Fi” at the top of the menu on the right.
4. Ensure that Wi-Fi is ‘On’ and select your local network from the list of ‘Available Networks’
5. Enter your Wi-Fi Password.

You should be connected to the local network.

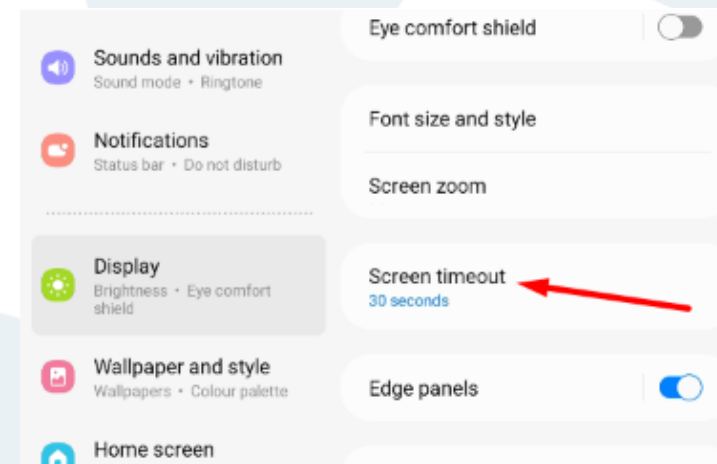


## Adjusting Screen Timeout Intervals:

Screen timeout can be adjusted in the device settings under the ‘Display’ tab.

1. Open Android Device settings.
2. Click on ‘Display’ from the list on the left side of the screen.
3. Click ‘Screen Timeout’.
4. Select from the options the duration you would like.

★ Be aware that this may impact your devices battery performance. Selecting anything longer than 5 minutes is not recommended.



## Settings



Software Version - currently installed software version.

★ Please report this version to Archipelago when reporting any issues.

The application settings are used to control the app behaviour:

1. Vessel Name - The Vessel name is used to help identify the source of data.
2. Low Battery Warning - FishVue Mobile will warn you when the device battery is at or below this percentage.
3. Using front facing camera - When this setting is on, the front camera will be used for all image recording. When it is off it will use the rear camera.
4. Camera Stills - Capture - turn this feature on if you want to capture still images.
  - a. Rate - Set interval between still images to be collected during recording.
  - b. Resolution - Set the resolution of the still images to be collected during recording.
  - c. Capture Speed Range - Set the range of GPS speeds in which you want to collect still images by dragging the minimum and maximum handles left of right
5. Camera Video - Capture - turn this feature on if you want to capture video
  - a. ContinuWed recording length (Run-on-Time) - Set the minimum length of video to record each time the GPS speed triggers a recording to start.
  - b. Resolution - Set the resolution of the video to be collected during recording.

**Account**

Software Version  
0.23.debug

Vessel Name  
BenTest

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**General**

Low Battery Warning  
15

Use front facing camera ☒

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**Camera Stills**

Capture ☒

Rate  
10s

Resolution  
1080p

Capture speed range  
8 kts 20 kts

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**Camera Video**

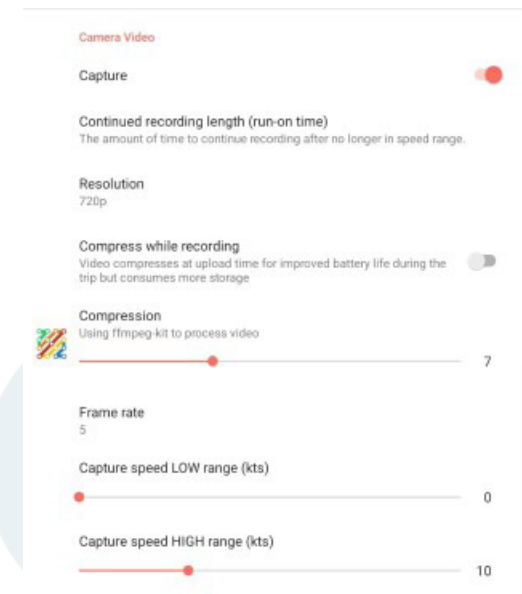
Capture ☒

Continued recording length (run-on time)  
The amount of time to continue recording after no longer in speed range.

Resolution  
1080p

Capture speed range  
0 kts 20 kts

- c. Capture Speed Range - Set the range of GPS speeds in which you want to collect video by dragging the minimum and maximum handles left or right.
6. Camera Video - Capture - turn this feature on if you want to capture video.
- a. Continued recording length (Run-on-Time) - Set the minimum length of video to record each time the GPS speed triggers a recording start
  - b. Resolution - Set the resolution of the video to be collected during recording.
  - c. Compress while recording or as part of the upload process.
    - i. 0-3 uses the internals of the camera to drop the bit rate to 8.5.76, 4.73 Mbps.
    - ii. 4-20 uses Qscale to re-encode.
  - d. Framerate- 1, 2, 5, 10, 15, 20, 30.
    - i. Only works for compression 4-20 during re-encoding.
  - e. Capture Speed Range - Set the range of GPS speeds in which you want to collect video by dragging the minimum and maximum handles left or right.



## Troubleshooting Guide

### GPS network not enabled:

Before using the FishVue Mobile app, the “Location requests” feature must be turned on to allow the app to log location information while fishing:

1. Follow the link in the dialog to “OPEN LOCATION SETTINGS” or open the Android device settings.
2. Click on “Location” from the list on the left side of the screen.
3. Ensure the feature is turned “On” at the top right of the page.

### Checking the app version for reporting a problem to Archipelago:

When reporting an issue

### Battery Low:

You will receive a “Low Battery Warning” whenever the battery level drops below the threshold configured in Settings. Plan to recharge the device by connecting it to power in between fishing activity if possible. You can also adjust the threshold if desired. The device is designed to operate for up to 8-10 hours between charges but battery life will vary depending on its settings, usage, and temperature.

