

An underwater scene featuring a red ROV (Remotely Operated Vehicle) with black spots, resembling a clownfish, swimming in a blue, dimly lit environment. The ROV is positioned in the center-left of the frame. In the background, there are dark, vertical structures that appear to be part of a shipwreck or underwater infrastructure. The overall atmosphere is mysterious and deep-sea.

# Quick Start Guide Seasam with OCULUS Camera

December 2022



notilo plus

# Content

## **I - OCULUS CAMERA INSTALLATION**

- Installation of the Oculus Camera

## **II - STARTING UP**

- Connecting the battery
- Connecting the WiFi Reel to the drone
- Starting up the equipment
- Connecting to the WiFi Reel
  - Delivery after September 2021
  - Delivery before September 2021
- Choice of configuration
- Checking the connections

## **III - SET UP THE APPS**

- Set up Seasam Control app to use the Oculus Camera
- Start the Oculus App
- At the end of the exploration

# I - OCULUS CAMERA INSTALLATION



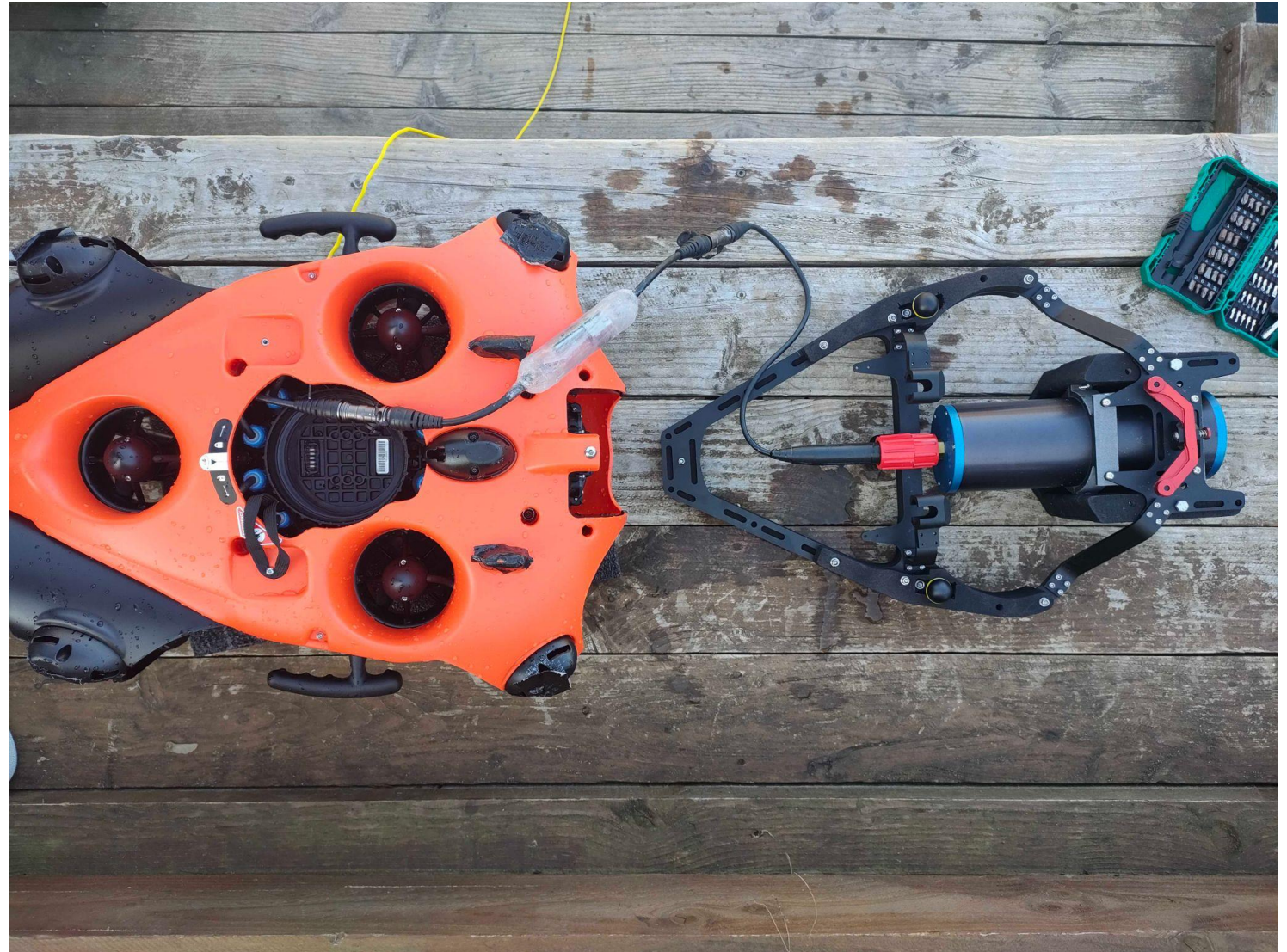


# I - OCULUS CAMERA INSTALLATION

## Installation of the Orphie Camera

### Required Equipment

- Drone
- Sensor Network or Sensor Hub
- Structure with Oculus Camera





# I - OCULUS CAMERA INSTALLATION

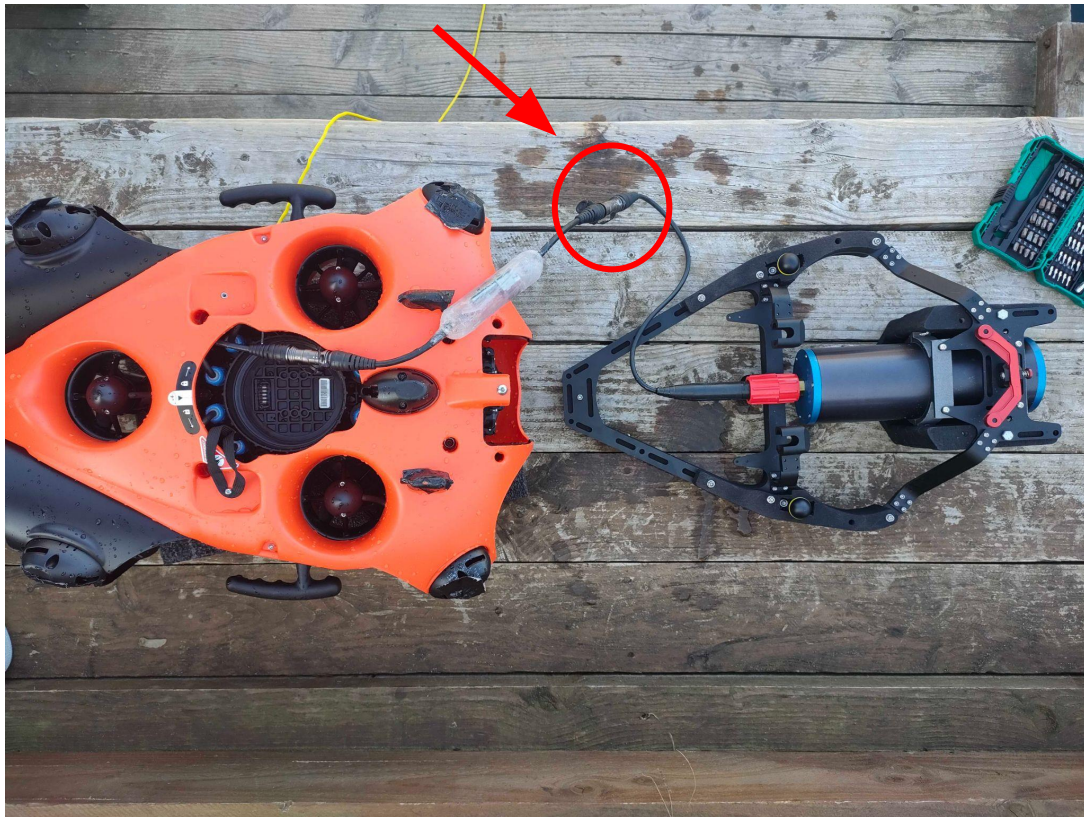
## Installation of the Oculus Camera

### *Sensor Network*

Connect the Oculus camera to the Sensor Network by connecting the camera cable to the Sensor Network connector.

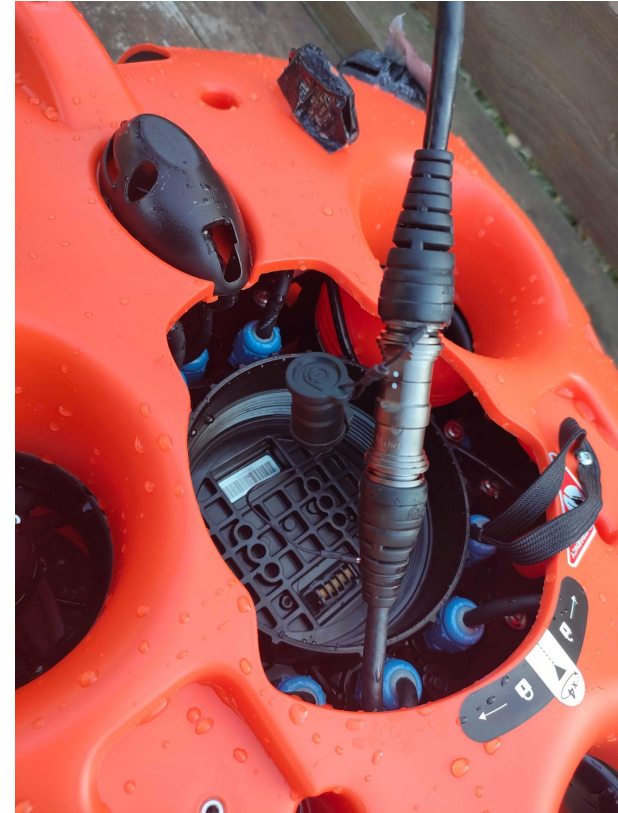
### *Sensor Hub*

Connect the sensor hub to the remote cable from the drone. The Oculus camera is already connected to the sensor hub.



**The battery must not be connected to the drone during this step.**

Secure the plugs of the connectors together to prevent them from catching on anything else during operation



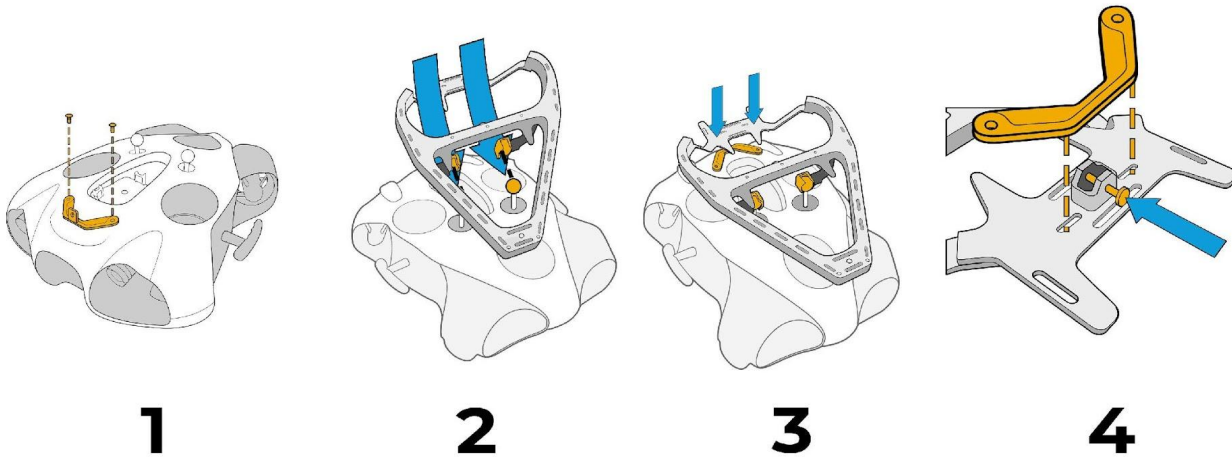
# I - OCULUS CAMERA INSTALLATION

## Installation of the Oculus Camera

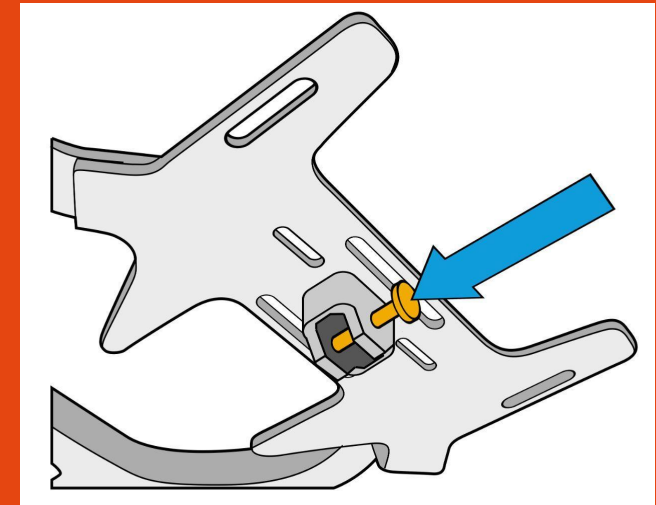
Place the structure on the drone

- Engage the structure on the 2 ball joints of the drone.
- Lower the front of the frame onto the drone.
- Press the red button on the front of the structure
- Engage the structure on the clip previously installed on the drone

**The battery must not be connected to the drone during this step.**



**Make sure the structure is properly secured to the drone to prevent it from moving during operation.**



## II - STARTING UP THE DRONE

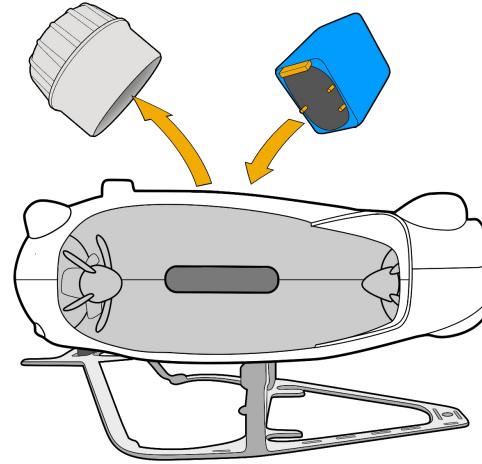




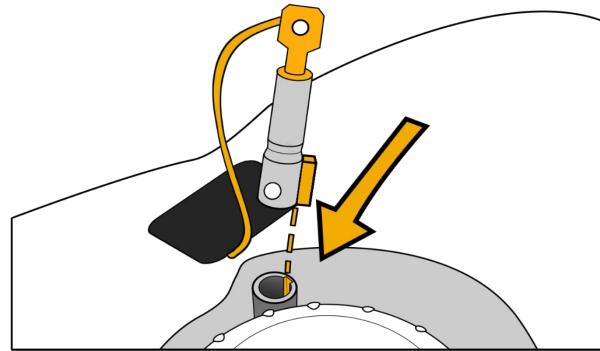
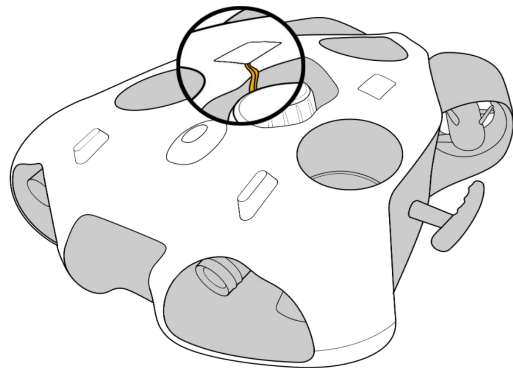
# II - STARTING UP THE DRONE

## Connecting the battery

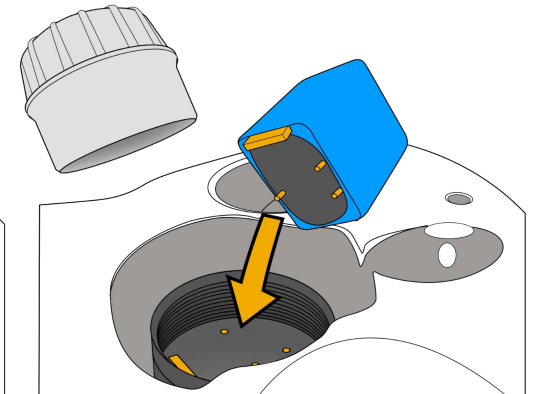
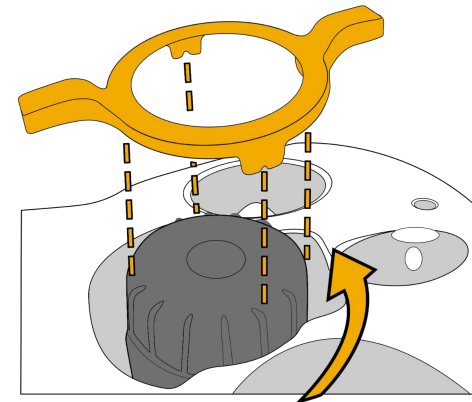
Turn the drone over and place it on the structure.  
Be careful not to damage the camera.



Ensure that the emergency stop on the underside of the drone is properly inserted.  
Make sure that the safety guide is aligned in the right direction



Make sure the battery compartment is properly closed.  
Use the dedicated tool.

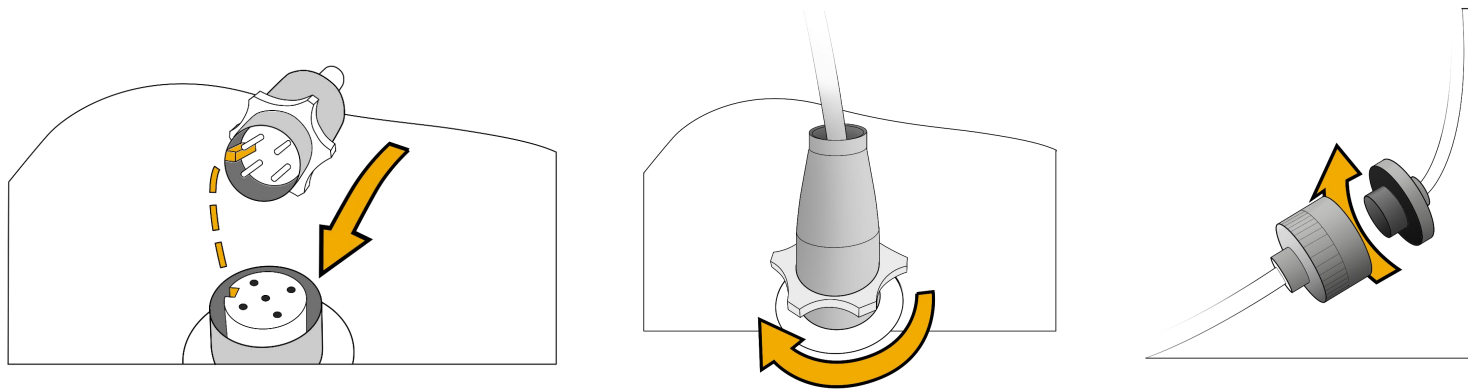




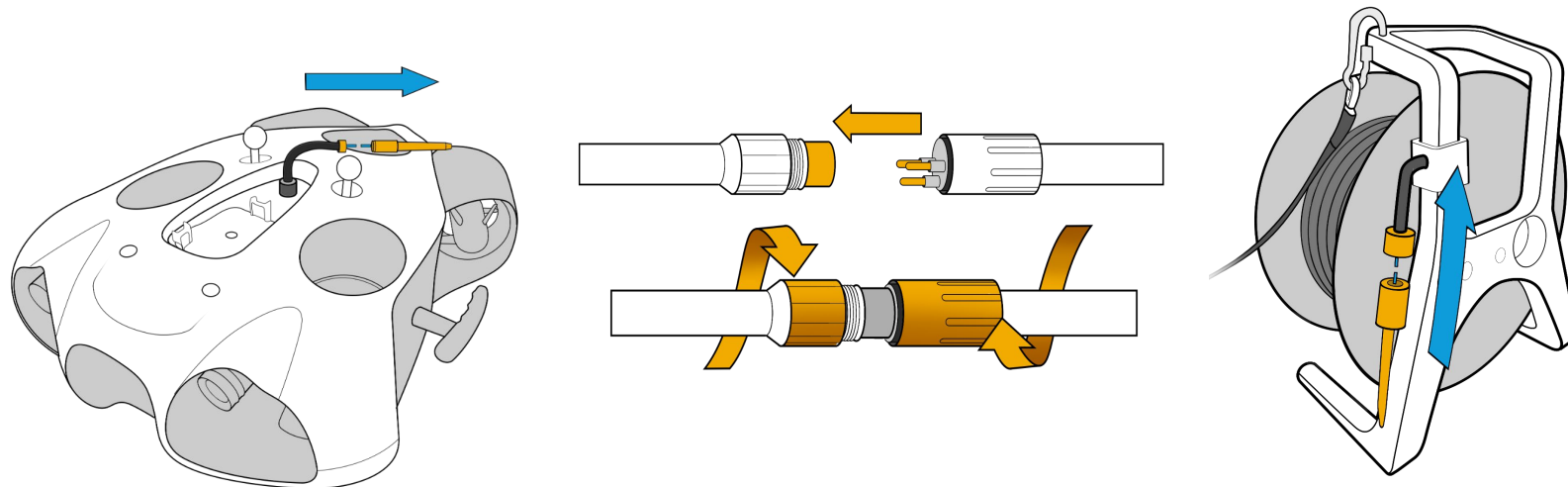
# II - STARTING UP THE DRONE

## Connecting the WiFi reel to the drone

*Standard Connector*



*Subconn Connector*

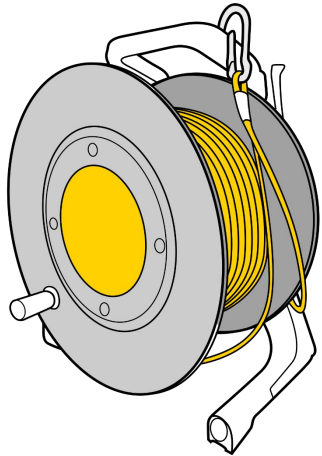


**Attach and lock the carabiner on the structure to secure the Drone**

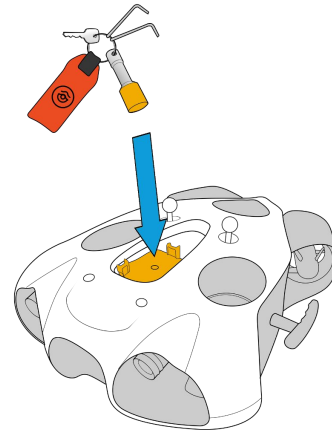


# II - STARTING UP THE DRONE

## Starting up the equipment



Press the "On" button once. After several seconds the LED flashes quickly blue



Place the magnet on the "Power" icon on top of the drone. The drone will turn on and test all its components. It will make sounds and activate its lights.

**Make sure that nothing is in the way and that the motors are not jammed.**

When this process is complete, the green front LED will be solid.



Turn on the controller.

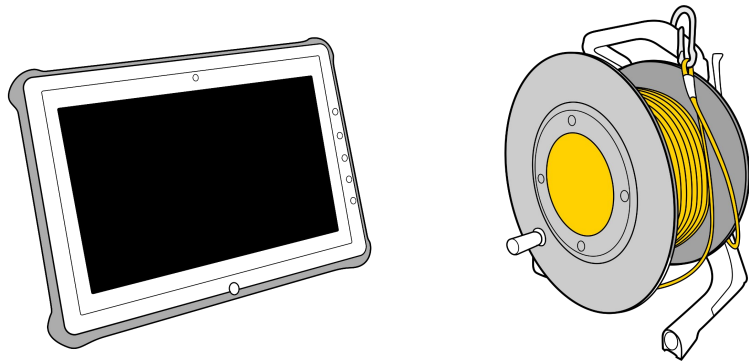
# II – STARTING UP THE DRONE

## Connecting to the WiFi Reel

*Delivery after September 2021*

Connect the tablet to the WiFi signal of the WiFi Reel.  
The wifi network is: "Seasam-WiFiReel-XXXX".  
The password is **@Notilo+**

**Continue directly to page 13**





# II - STARTING UP THE DRONE

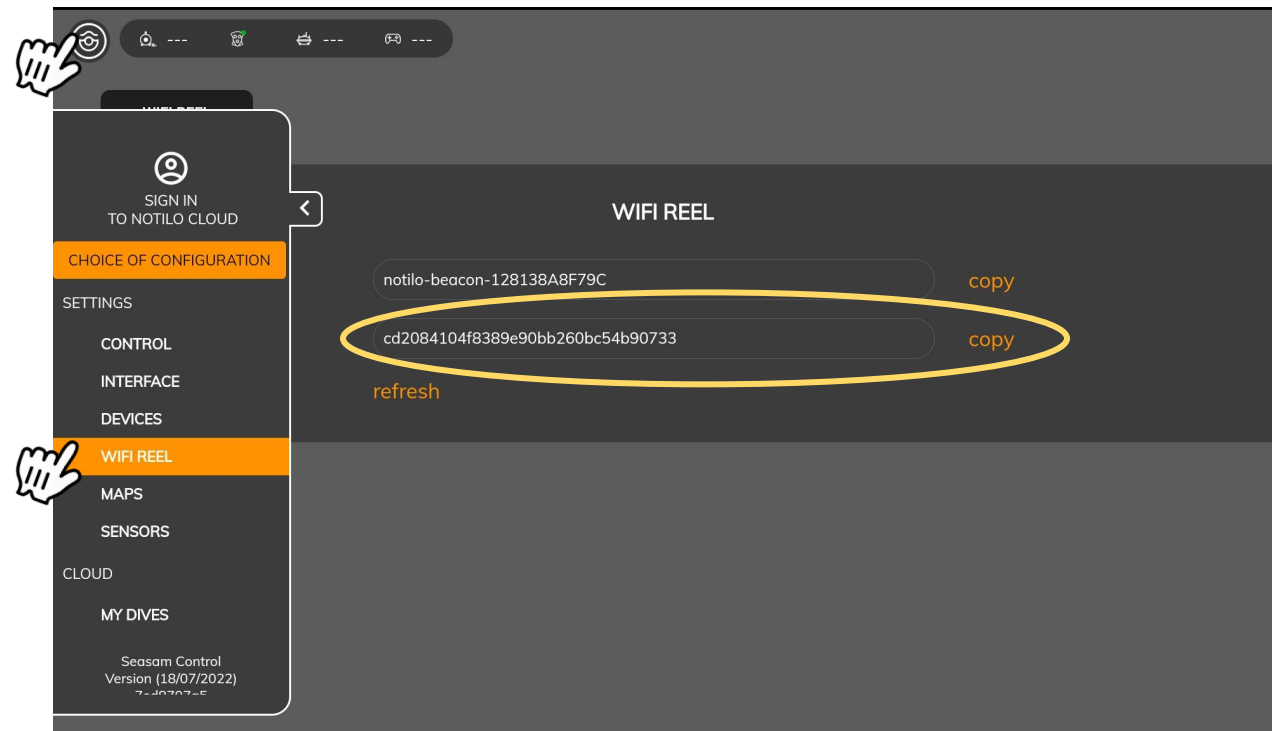
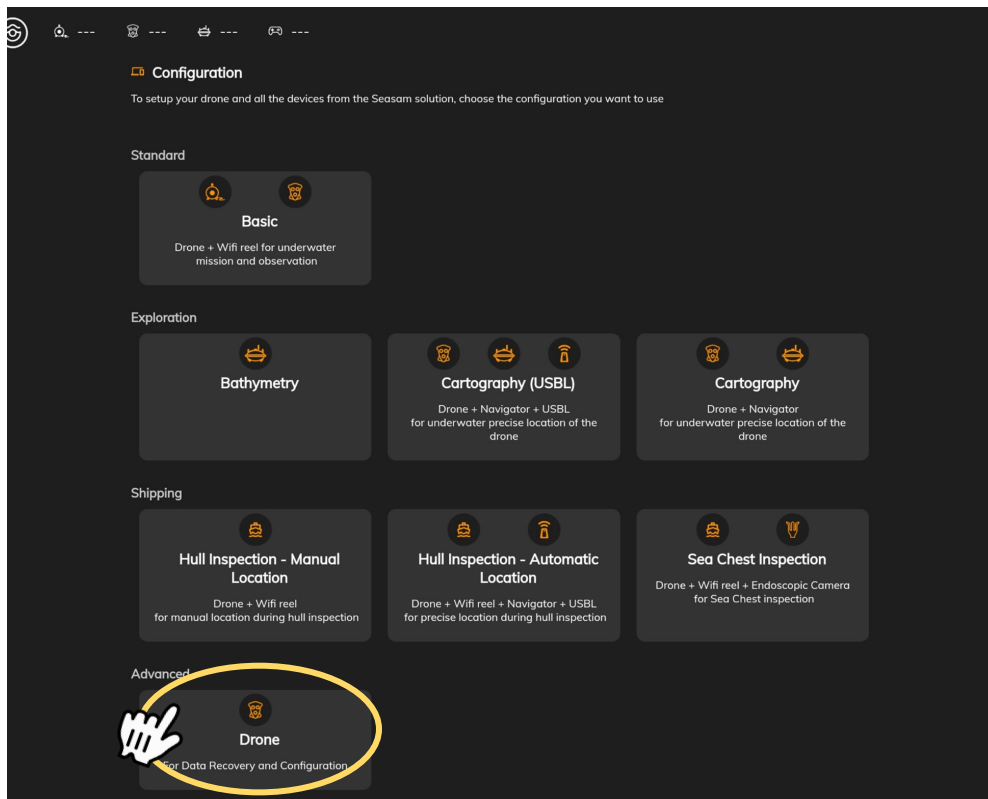
## Connecting to the WiFi Reel

*Delivery before September 2021*

The wifi network is: "notilo-beacon-XXXX"

- Connect the tablet to the WiFi network of the drone "Seasam-XXXX".
- In the configuration part choose "Drone".

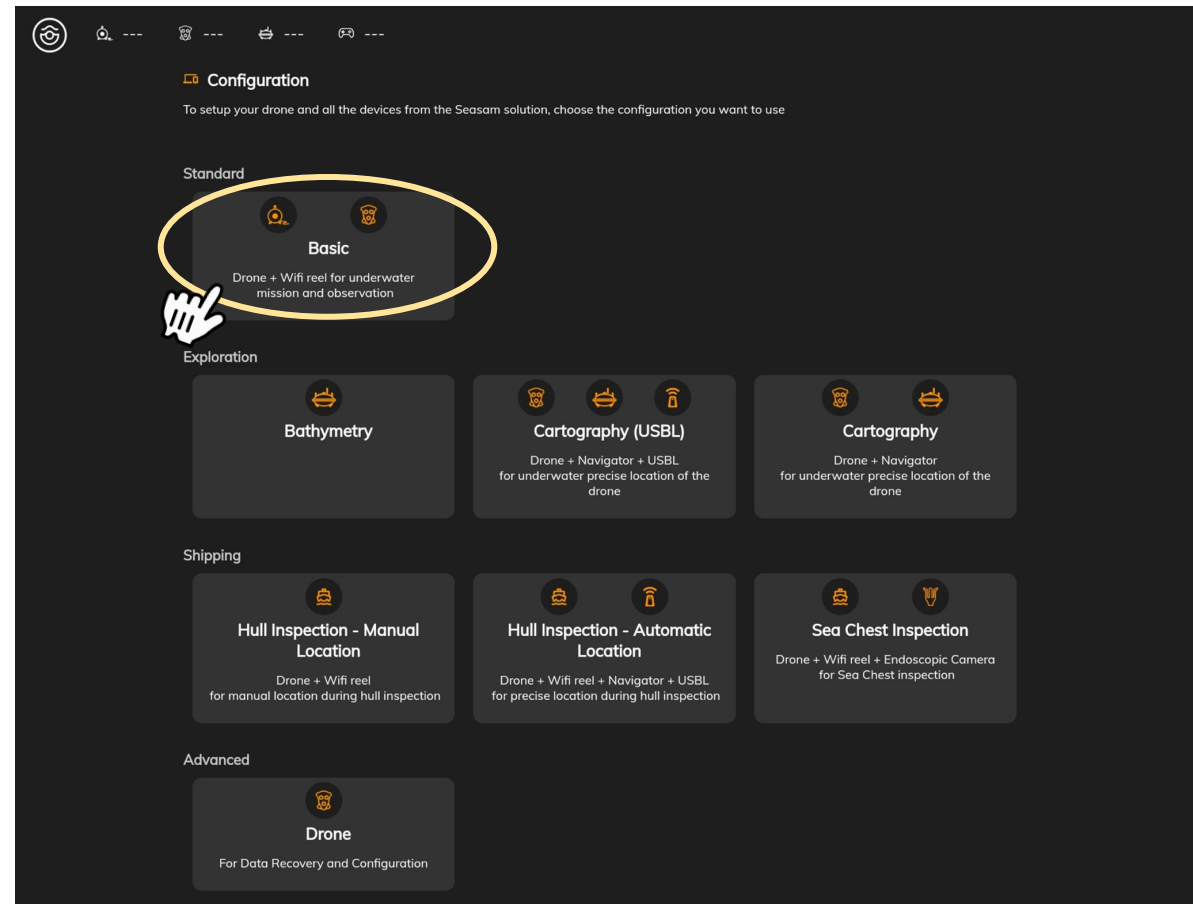
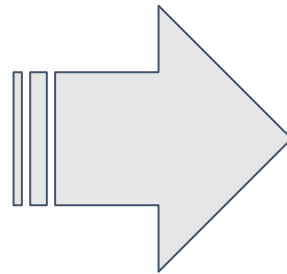
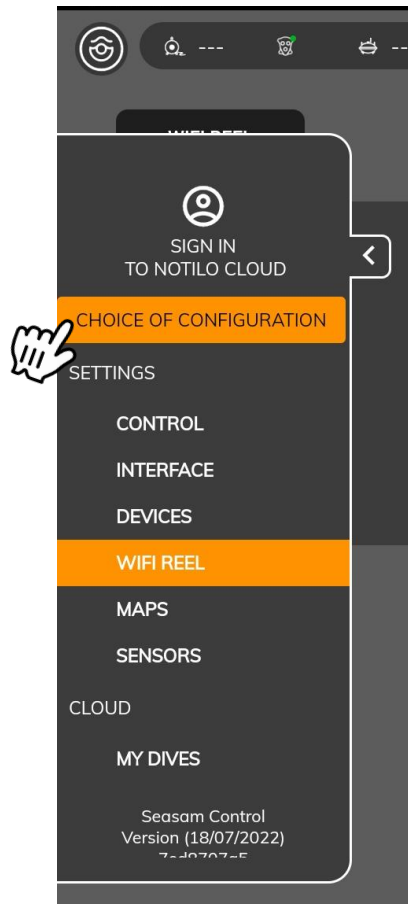
- Go to the application settings
- Select "WiFi Reel".
- The network name and password are displayed
- **Copy the password**
- **Connect the tablet to the notilo-beacon-XXX WiFi network**



# II - STARTING UP THE DRONE

## Choice of configuration

Start Seasam Control or select "Choice of Configuration" if you have already opened the application.  
In the configuration menu, select "Basic".



# II - STARTING UP THE DRONE

## Checking the connections

Check that the indicated steps have been completed and select "Next".





# II - STARTING UP THE DRONE

## Checking the connections

This screen checks that all the equipment is connected correctly.  
Once both connections are checked, click on "Continue" to access the control screen.

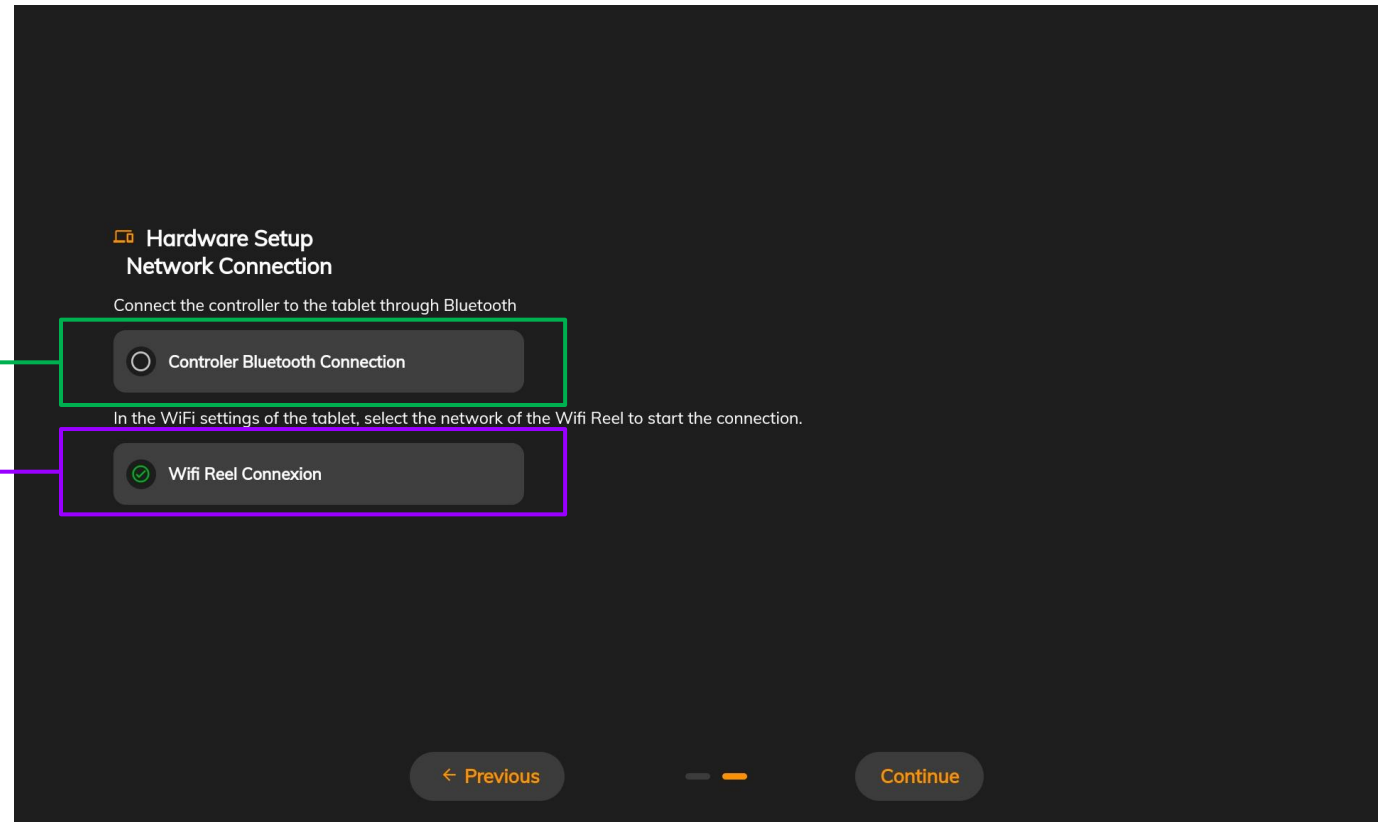
Move a joystick on the controller to have the connection checked.

The system checks that the drone AND the WiFi Reel are **switched on and physically connected together.**

If the green tick takes a long time to appear :

- Wait a few seconds
- Check the physical connections
- Make sure the drone is turned on
- Make sure the tablet is connected to the WiFi reel network
- Go back to the previous page and press "Next" again

If the problem persists contact [support@notiloplus.com](mailto:support@notiloplus.com)



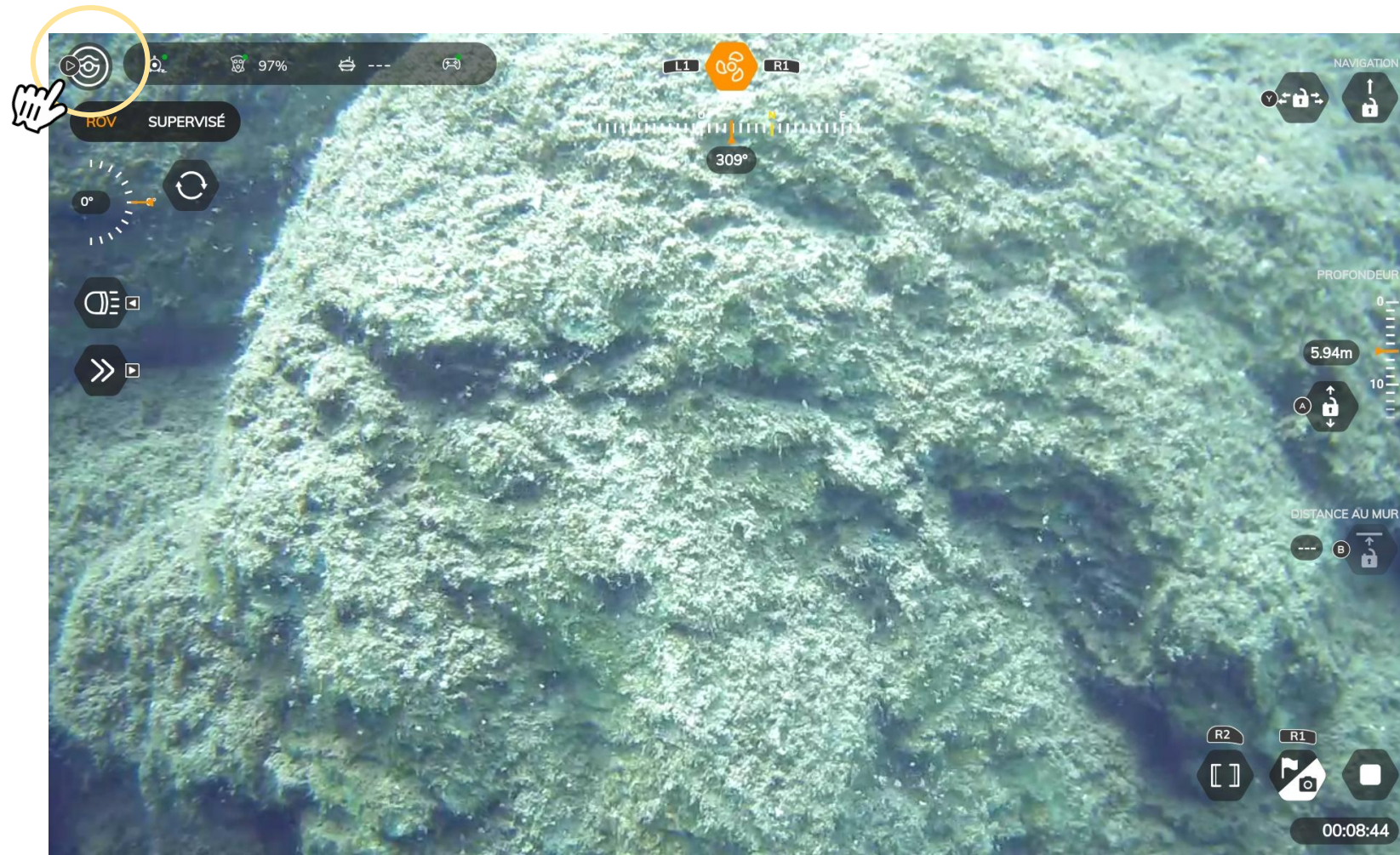
# III - SET UP THE APPS



# III - SET UP THE APPS

## Set up Seasam Control app to use the Oculus Camera

Access the settings

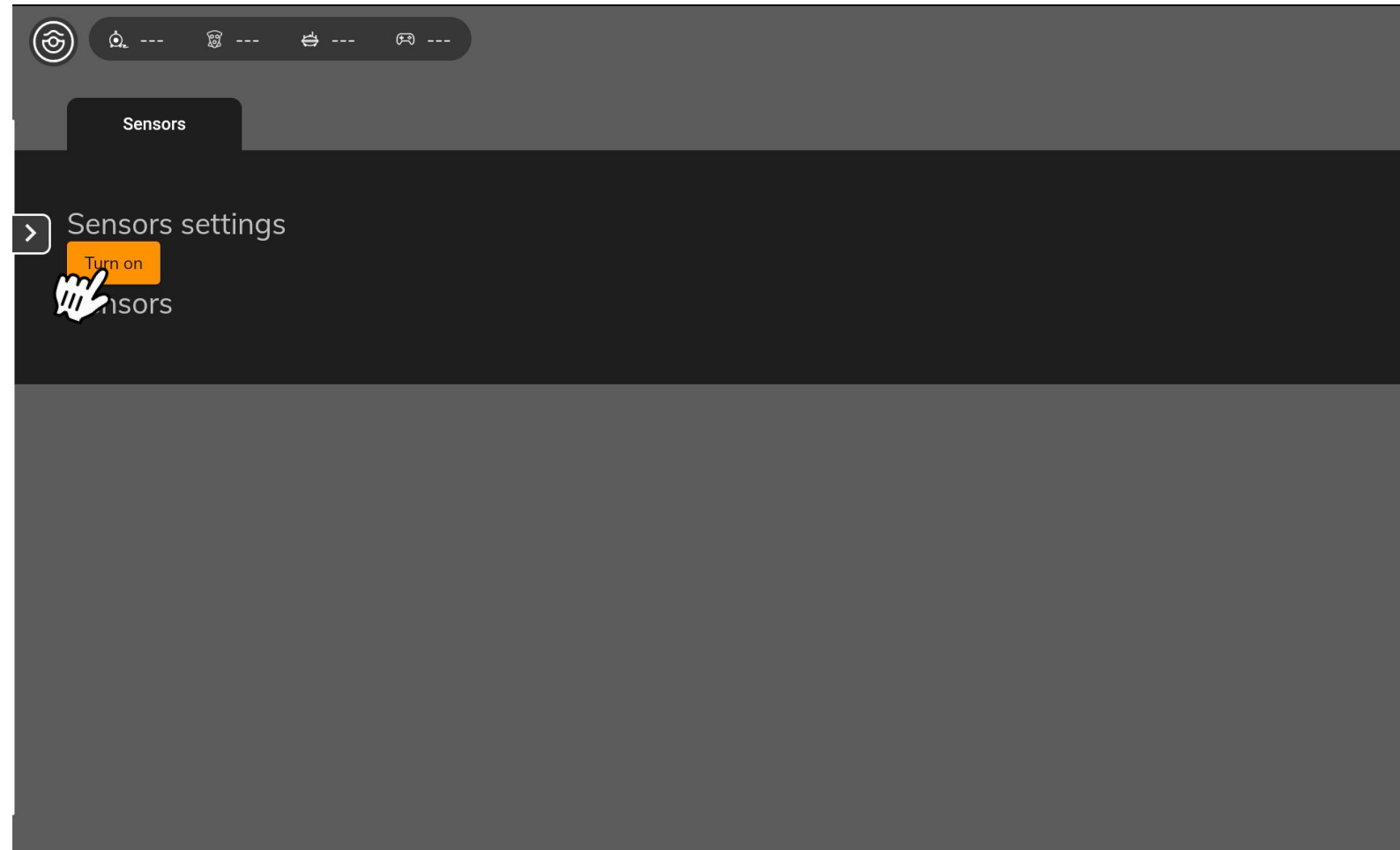
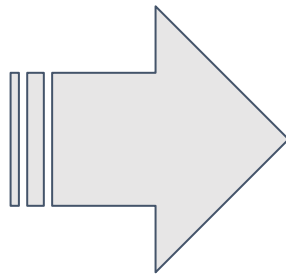
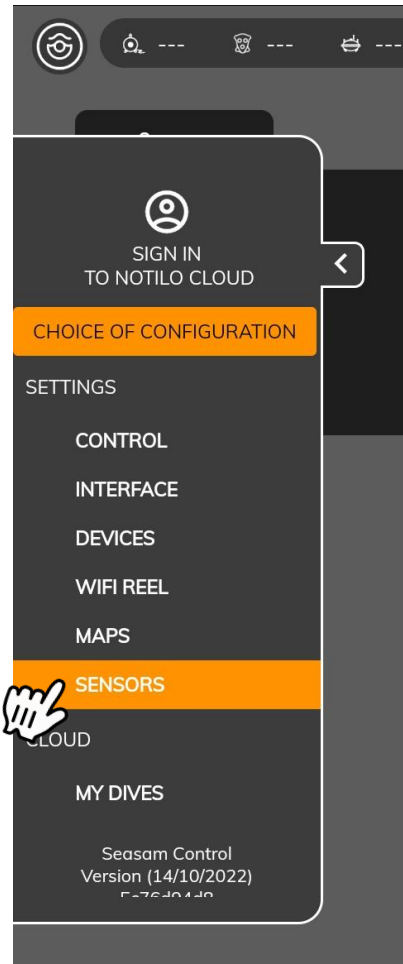




# III - SET UP THE APPS

## Set up Seasam Control app to use the Oculus Camera

Select "Sensors" and "turn on"



# III - SET UP THE APPS

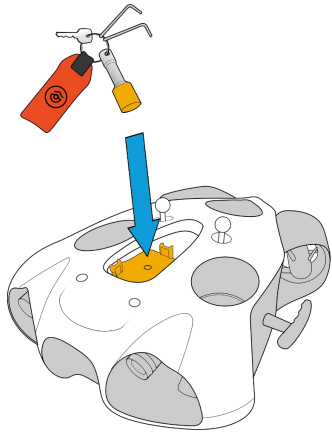
## Start the Oculus App

Start the dedicated Oculus App on your tablet, you will have the sonar video feedback. We invite you to consult the [official Oculus website](#) to know how to use the Oculus App

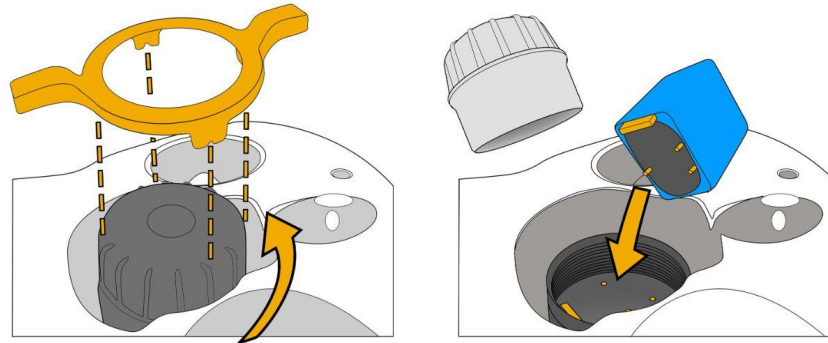
# III - USING SEASAM WITH THE ORPHIE CAMERA

## At the end of the exploration

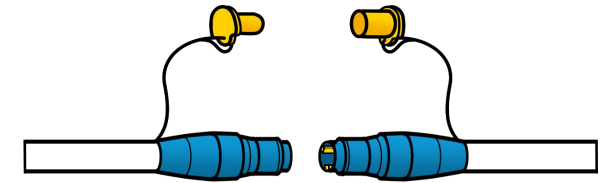
Turn off the drone



Remove the battery



Disconnect the ExploCam from the remote cable of your drone



**!** Always turn off the drone and remove the battery **BEFORE** disconnecting the Oculus camera or the Sensor Hub cable and your drone.

# SEASAM

by  notilo plus

More information : <https://support.seasam.notiloplus.com/>

Contact us : [support@notiloplus.com](mailto:support@notiloplus.com)