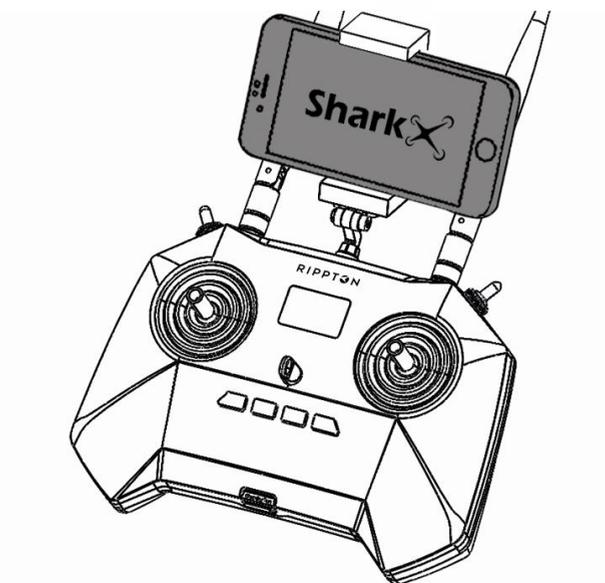




# SMART FISHING DRONE

## Manual for Rippton App

V7:20220513



### Download the Rippton App

Search for "Rippton" on the Google Play Store, Samsung Galaxy Apps or App Store to install the app on your mobile device or scan this QR code.

# 1. Rippton App Interface

**Notice** Certain functions may not be available at Android version app.



## Mission Selection Button

Select automatic releasing fishing line mission



## RTH (Return to Home) Button

SHARKX will return to the home point and land on the ground



## Release Switch Button

To open or close the hook release mechanism



## Automatic Landing Button

SHARKX will land directly and stop its motors



## Spot Marking

Mark a spot during the flight



## Take-over Button

SHARKX will hover and switch to manual control



## Current Location

Return to the current location



## Automatic Take off Button

SHARKX will take off from the home point



## Satellite Number

Indicate the number of satellites providing the signal



## HOME Point

The position where the SHARKX takes off and returns to by default



## Drone Battery Level

Indicate the current battery level of SHARKX



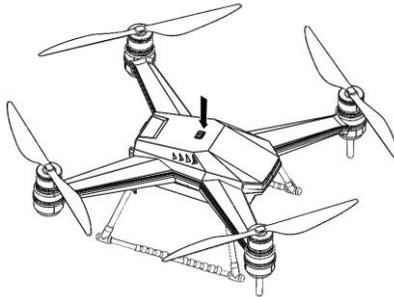
## Attitude Indicator

Indicate the real-time attitude of SHARKX

## 2. Preparation

### 2.1. Start the SharkX and the Remote Control

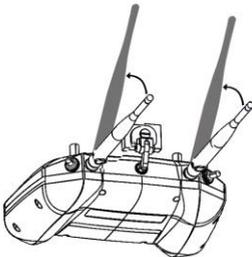
2.1.1. Short press the **'POWER'** button on the drone. The four LED indicators will start twinkling and the drone will emit four short beeps and then a long beep and a short beep. Now the drone has been turned on successfully.



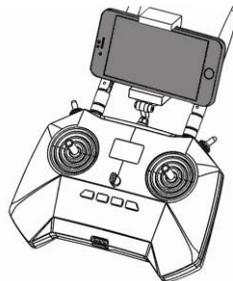
2.1.2. Long press the **'POWER'** button on the remote control. The remote control will vibrate twice and the LCD screen will light up. Now the remote control has been turned on successfully.

### 2.2. Tilt the Antennas up and Fasten Your Mobile Device Securely to the Clamp

1. Tilt the antennas up.



2. Fasten your mobile device securely to the clamp.



### 2.3. Preload the Map on the App

When using the SharkX in any new area, it's always necessary to enter the 'Rippton' app with network connection and finish preloading the map before connecting the SharkX to your mobile device.



### 2.4. Connect SharkX to Your Mobile Device

1. With the remote switched on, search SHARKX WI-FI on your mobile device. The WI-FI name is 'SharkX\_XXXXXXXXXX'. And the original password is 12345678.

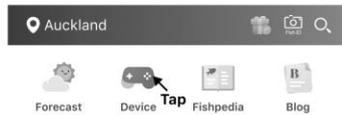


SharkX\_XXXXXXXXXX

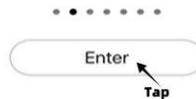
3. Slide and find 'SharkX'.



2. Enter RIPPTON App. Tap 'Device' on the home page.



4. Tap 'Enter'.

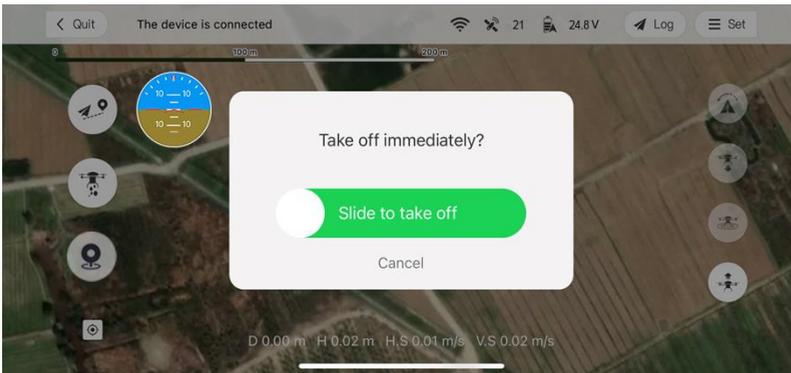
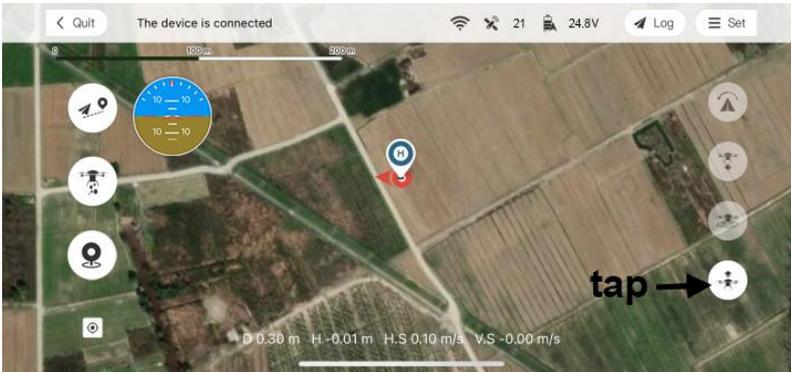


**Notice** before launching the SharkX, please make sure the satellite number is no less than 15, otherwise the drone will not take off successfully

## 3. Operation

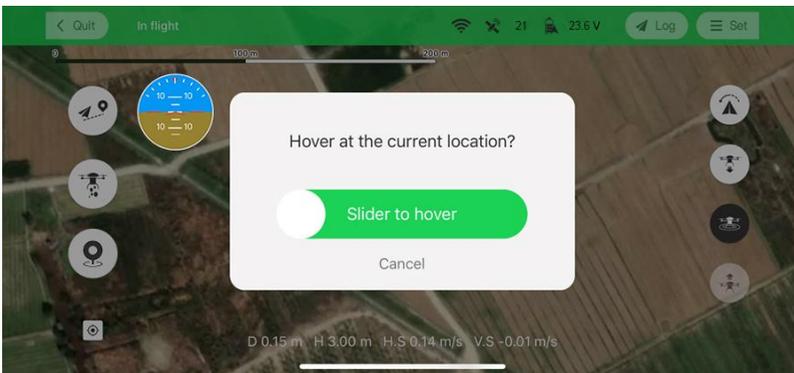
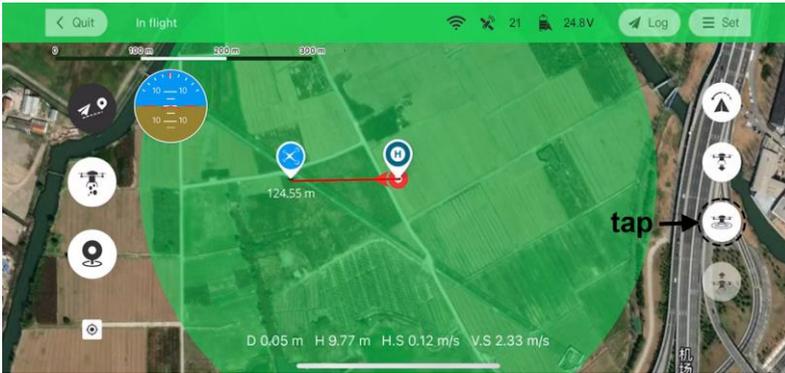
### 3.1. Launch the SharkX

3.1.1. Tap  to take off the SharkX



### 3.2. Hover the SharkX

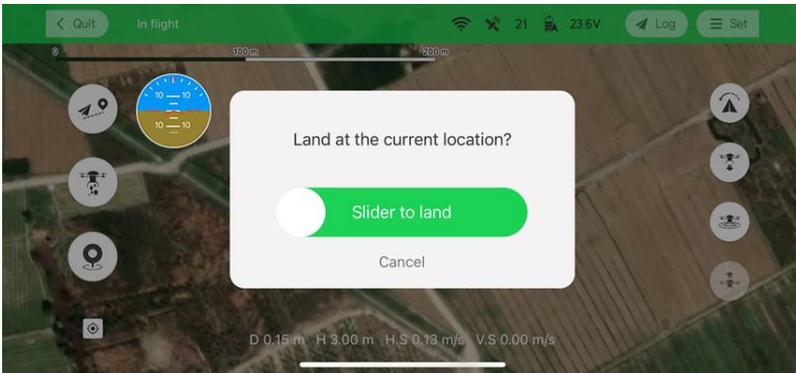
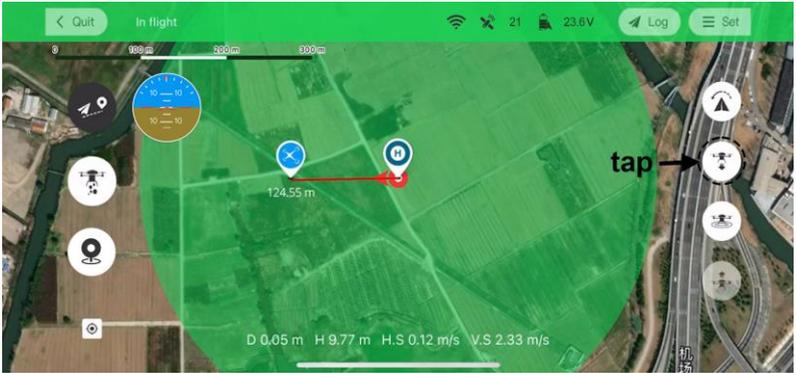
3.2.1. Tap  to hover the SharkX at current position



### 3.3. Land the SharkX

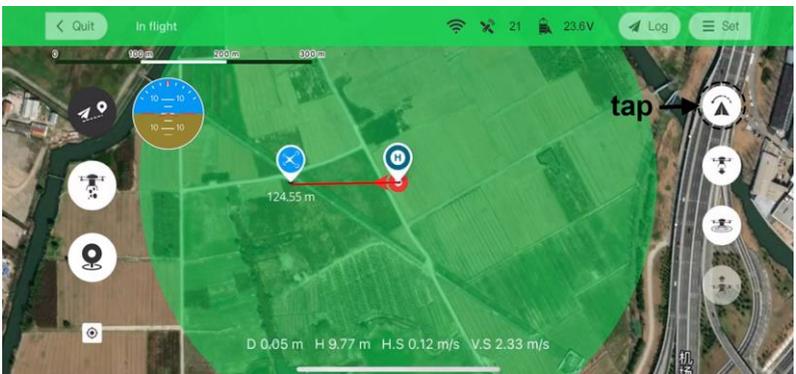
#### 3.3.1. Tap to land the SharkX

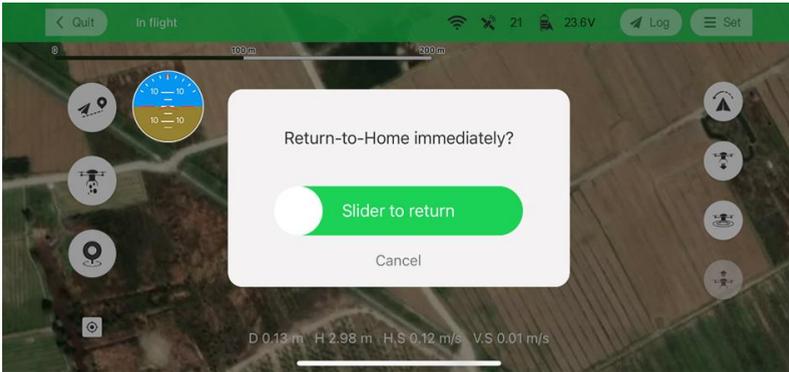
**Notice** after tapping, the SharkX will descend at the current location. BE AWARE of the landing location.



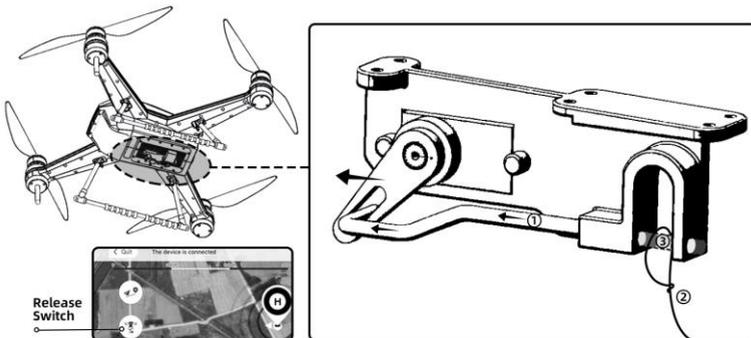
### 3.4. Return the SharkX to the Home Point

3.4.1. Tap  to activate **Return-to-Home** function.





### 3.5. Attach the Fishing Line

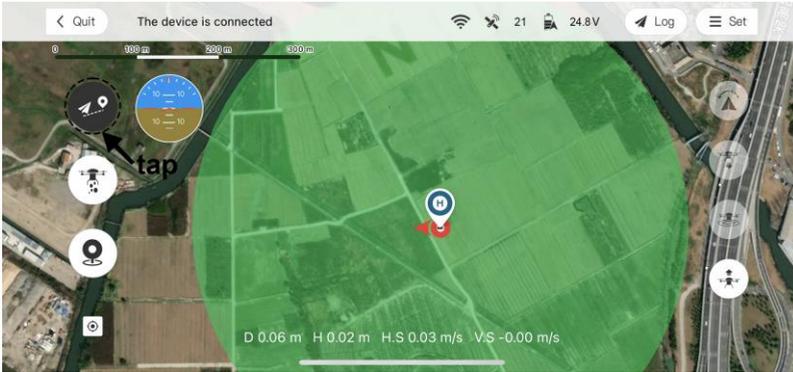


- ①. Press the 'Release Switch' button on the flight interface to open the hook release mechanism.
- ②. Put the fishing line in the device.
- ③. Press the 'Release Switch' button on the remote control to close the hook release mechanism.

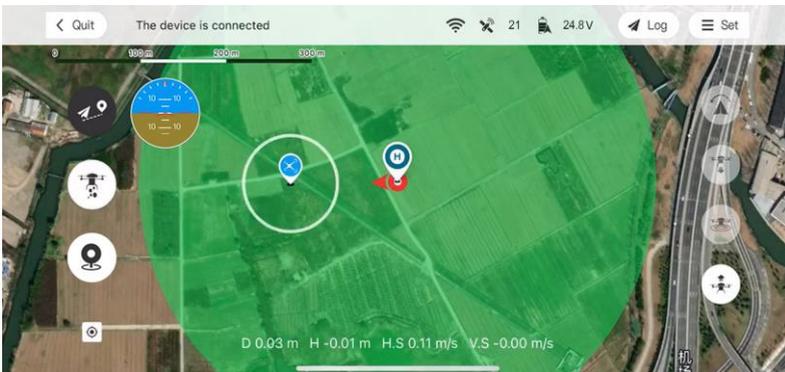
### 3.6. Cast the Fishing Line

#### 3.6.1. Perform a New Cast Mission

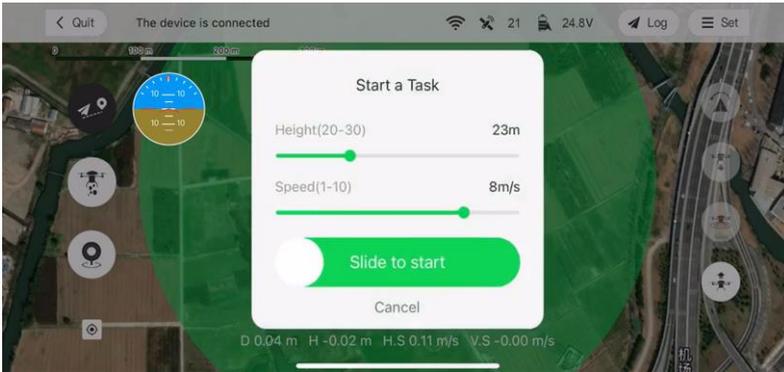
3.6.1.1. Tap  to start a cast mission.



3.6.1.2. Pin your desired cast mission spot within the green area. Tap **Set Task**.

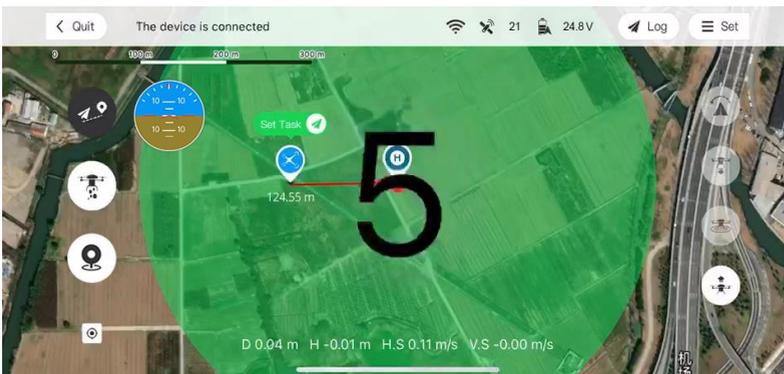


3.6.1.3. Slide to start. A voice prompt will be heard.



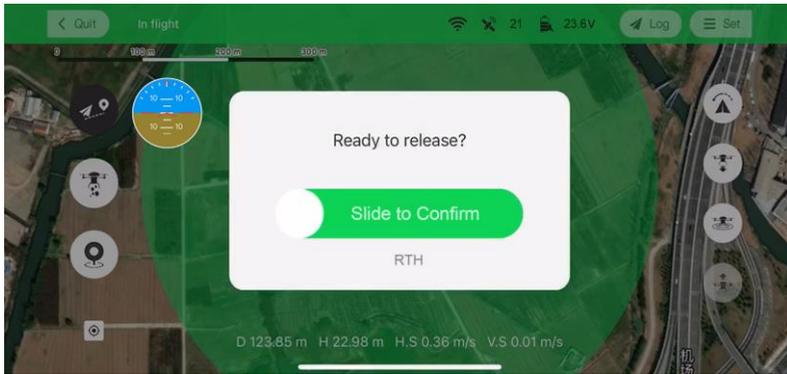
**Notice** set the flying height and speed before sliding to start.

3.6.1.4. SharkX will start the motors after the 5-second countdown and then take off in a short wait subsequently.



**Notice** the 5-second countdown and the short wait allow users a limited time to finally ensure there are no obstacles around the drone and the fishing line is unlocked on the reel. To avoid any accidents, please make sure the preflight check gets done before starting every mission.

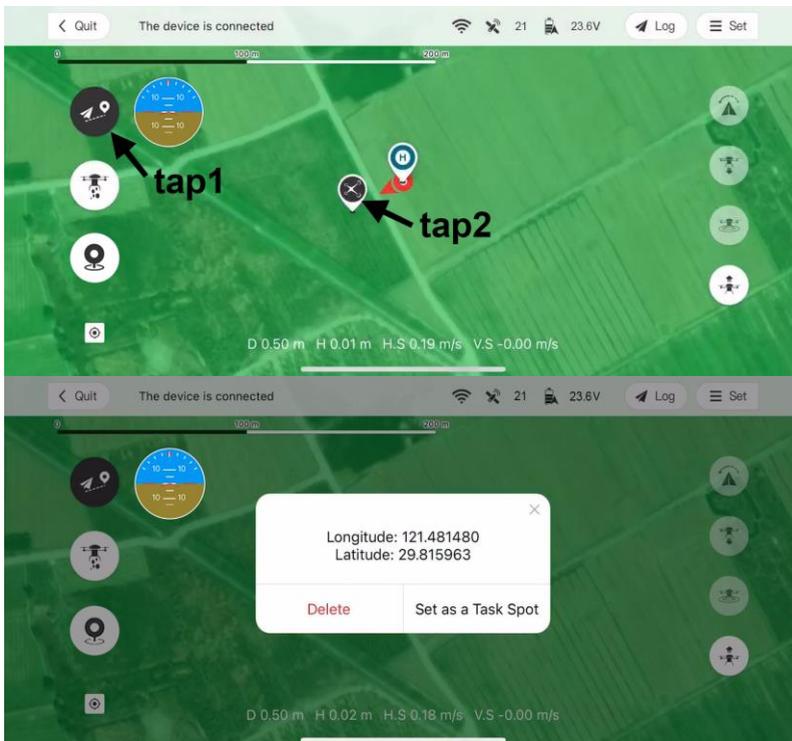
3.6.1.5. When SharkX reaches the mission spot, a prompt (*1<sup>st</sup> chart below*) shows on the interface. Slide to confirm or tap **RTH**, the fishing line will be released; or if no operation occurs within 30 seconds, the prompt will disappear, the drone will cast the fishing line and automatically return to the HOME point and then land on the ground.



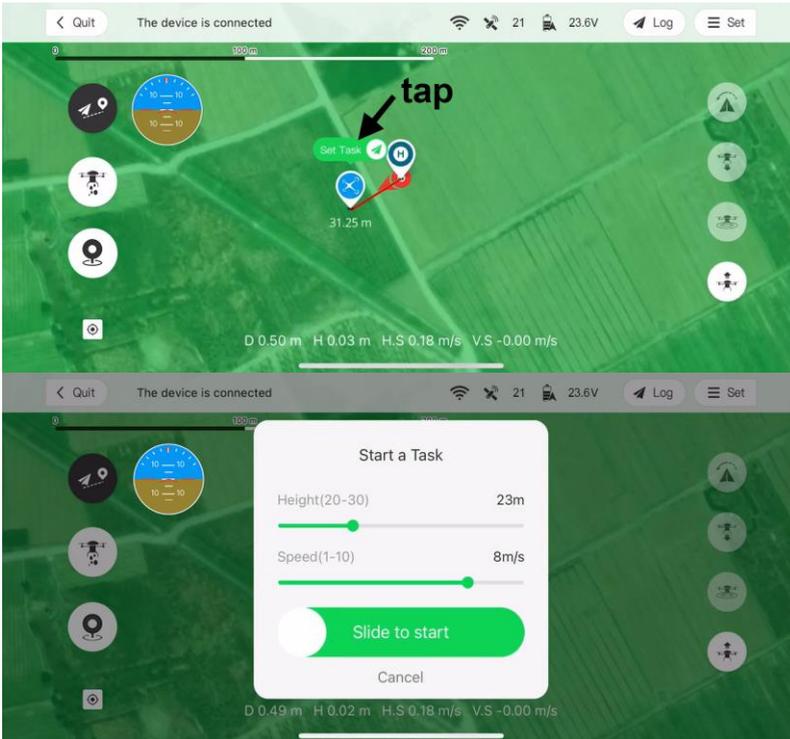
### 3.6.2. Reactivate Past Cast Missions

**Notice** all mission spots will be saved automatically and remain visible on the main interface after the missions have been performed successfully.

3.6.2.1. Tap  and tap the past mission spot. And then tap **Set as a Task Spot** on the prompt.

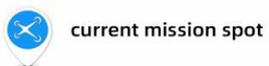


3.6.2.2. Tap **Set Task** and then slide to start.



3.6.2.3. Refer to step 3.5.1.4 and 3.5.1.5.

### 3.6.3. Annotation of Different Spots



**current mission spot**



**marked spot during flight**



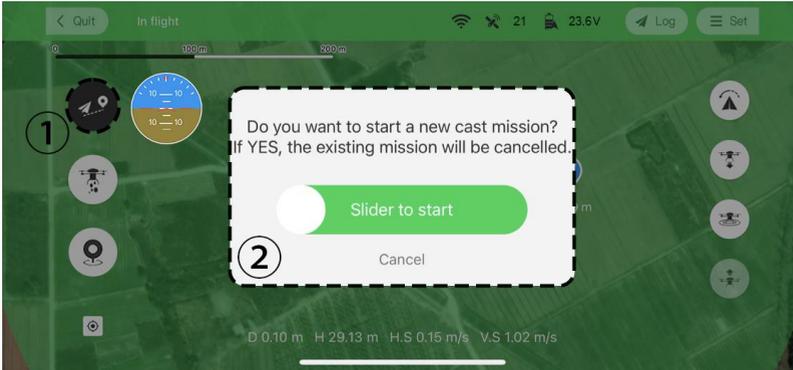
**all historical mission spots**



**the latest historical mission spot**

## 3.7. Interrupt the Ongoing Mission and Start a New One

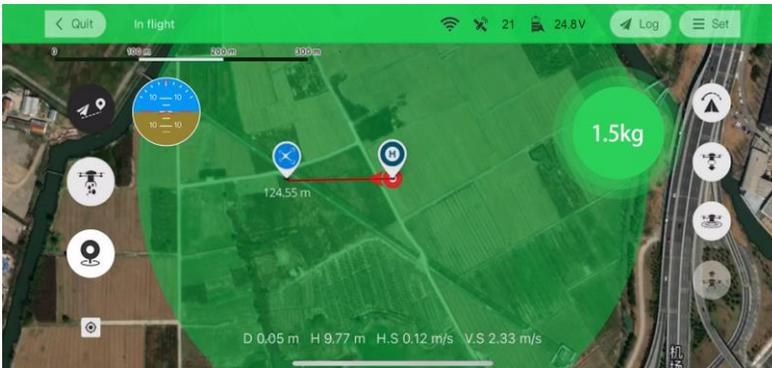
Tap  to stop the ongoing mission and then slide to start a new one.



**Notice** it's recommended not to tap any icon on the interface during the automatic mission execution unless you decide to start a new mission

## 4. Payload Weight Display

The SharkX is capable of auto weighing the payload it carries and the precise real-time weight will display on the flight interface.



**Notice** the real-time weight values might deviate due to wind and when the SharkX carries no payload, there is no weight display on the flight interface