HFun+

Software Instruction

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  Introduction to MV interface

Software Installation Instructions

I. Install the Mobile Client

Please scan the qr code below and download the mobile App on the corresponding website.

iOS　　Android（china）　　Android（google）

2. Connect Aircraft WiFi

（1） Turn on the aircraft power;

（2）Looking for aircraft hot spots in mobile phone "setting-wireless LAN";

（3）Click the network（ no password ）, and the phone will be connected automatically.

3. The recommended model configuration

（1）iOS

Configuration	Recommended	Optimal (Support 2 k)
Product model	iPhone 6 and above	iPhone 7 and above
System version	iOS 8.0 and above	iOS 9.0 and above

（2）Android

Configuration	Recommended	Optimal (Support 2k)
The CPU model	Snapdragon 630 and above Samsung Exynos 7420 and above Hair division Helio X25 and above Kirin 950 and above	Snapdragon 835 and above Samsung Exynos 8895 and above Hair division Helio X30 and above Kirin 970 and above
System version	Android 5.0 and above	Android 8.0 and above
Memory size	3G and above	6G and above
CPU usage	Occupancy rate of 25% and below	Occupancy rate of 10% and below

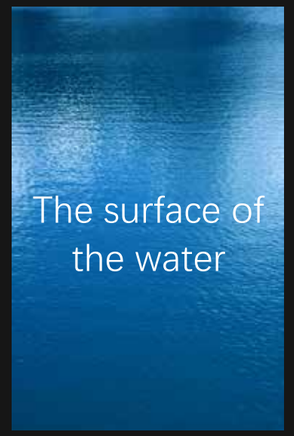
Clean up the background program, which can effectively reduce the CPU usage.

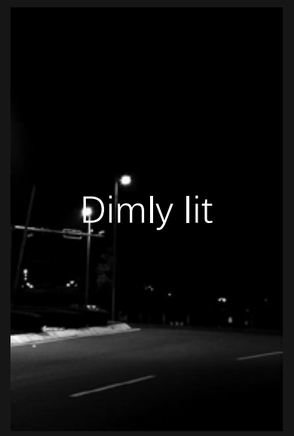
Tips：Your mobile Wi-Fi needs to support IEEE 802.11 a / b/g/n / AC, IE, the 5G band WLAN.

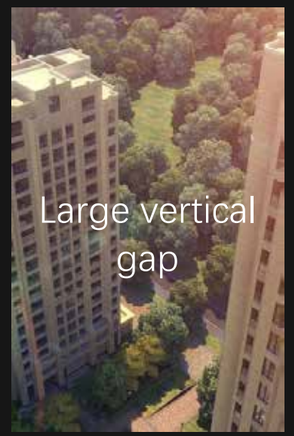
Warm Prompt

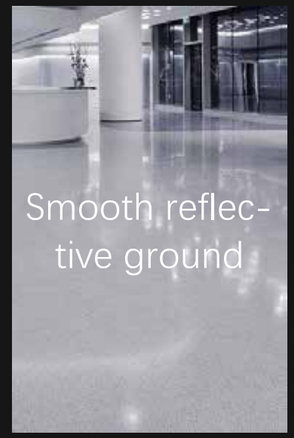
When the aircraft is in the following environment, the fixed-point hovering effect is not good.

Note: When the aircraft is in the following environment, the optical flow of the lower lens is not good enough to hover, which will make it difficult for the aircraft to fly smoothly, and the body will be shaken.





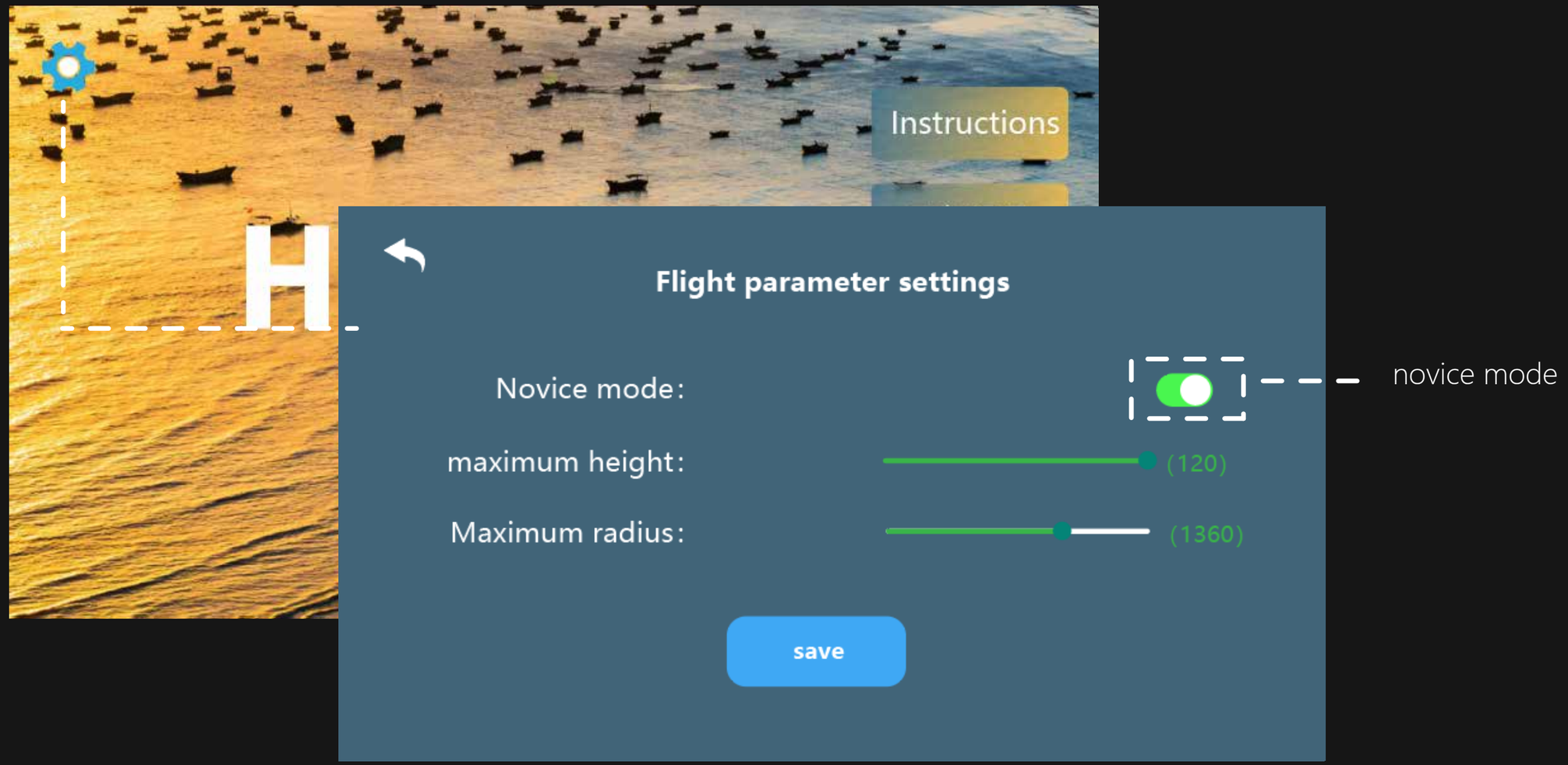




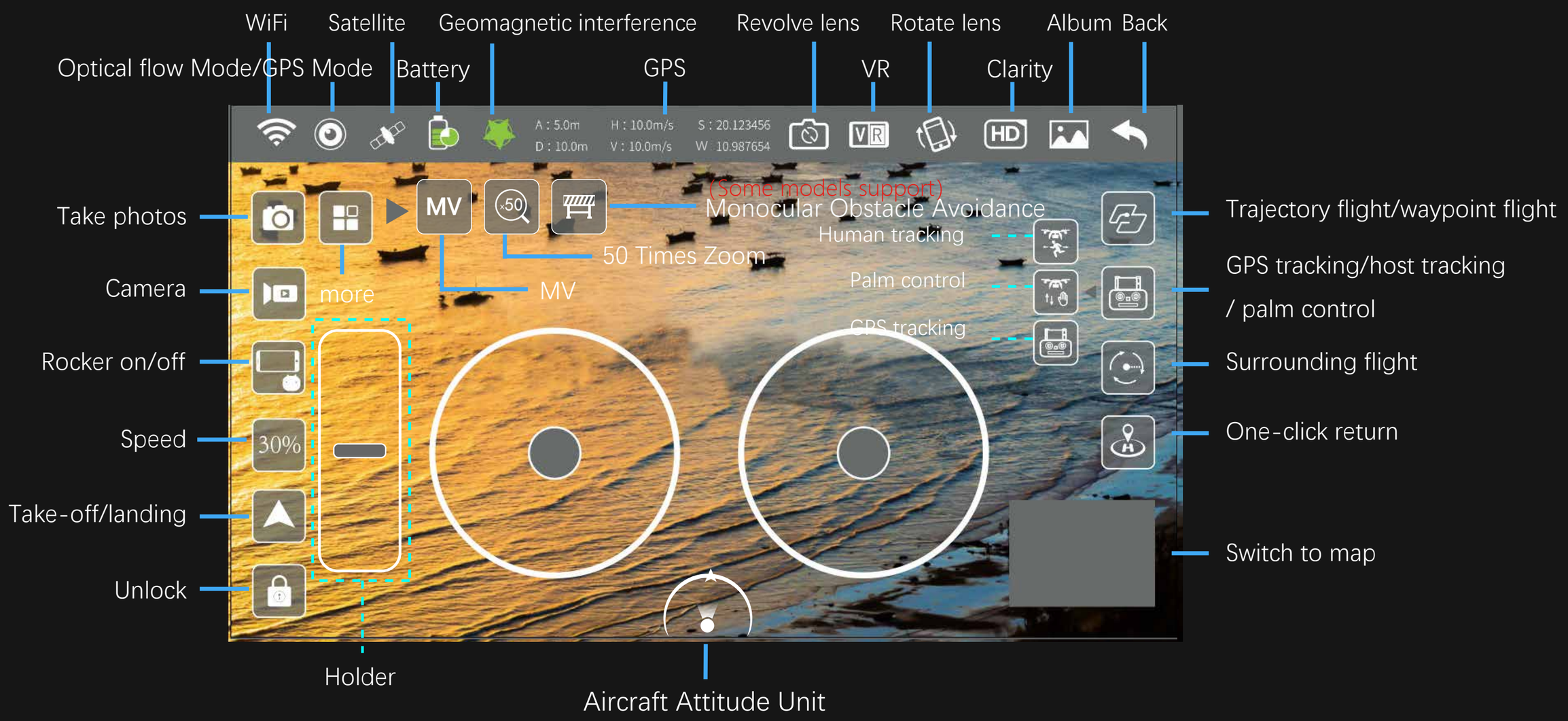


Novice mode

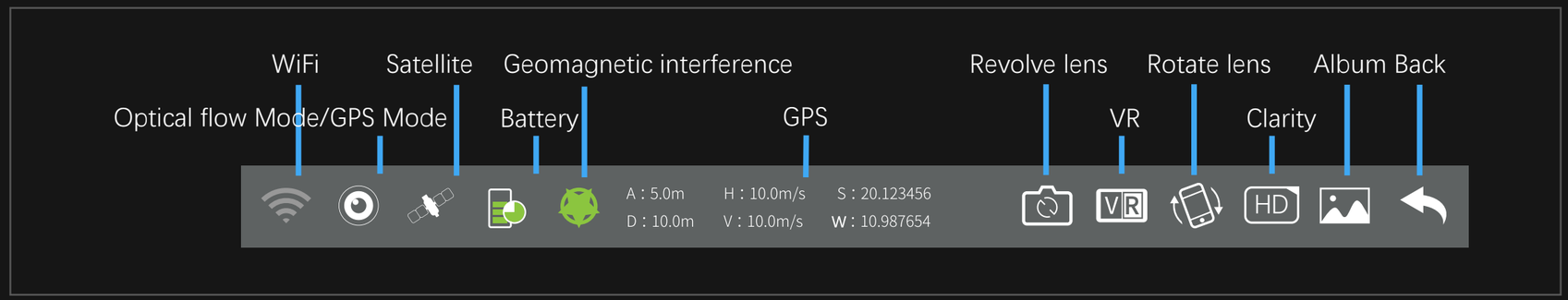
After connecting the aircraft, click the button in the upper left corner of the homepage to set the flight parameters. The default is the predefined mode, and when it is turned on, it means the novice mode.



1.1 Introduction to the Operation Interface



1.2.1 Function Description

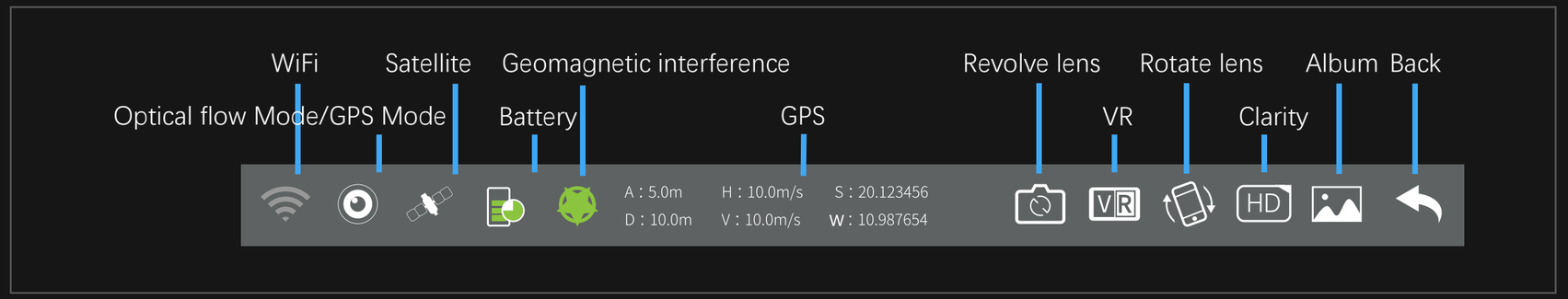


WiFi： Display chart signal strength;

Satellite signals: Represents current flight mode and number of satellites; Scintillation means that the current mode is the optical flow point, without the function of returning, following, circling and pointing. Constant light indicates current GPS mode.

Battery： The battery status of the aircraft.(1) 2-4 grid indicates the normal power, which can operate the returning, following, circling and pointing flight functions normally in the GPS mode.(2) 1 grid (flicker state) represents the current low power state, and the aircraft will perform the automatic course reversal function. There is no following, circling and pointing flight function in low power state.

1.2.1 Function Description



GPS signal： Displays the height, distance and corresponding longitude and latitude of the current aircraft from the reentry point.

Revolve lens： Can switch between front lens and down lens. (see next page for details)

VR model： Click into VR mode.

Rotate lens： Record the relevant parameters of each flight.

Clarity： Click to switch the video definition.

Album： Photos and videos can be viewed.

* Multi-lens feature description

Perspective conversion



Perspective conversion

Click the "switch lens" button to switch the following four functional states successively:

(1) ordinary front lens;

(2) shooting;

(3) painting within painting;

If the button "switch lens" is not clicked, the default function is normal front-lens function.

*PIP （Picture in picture）

In the picture in the picture, you can view the video reality of the camera under the aircraft in real time;

In the control page, click to open the "draw in picture" switch, the lower lens of the aircraft and the video screen captured by the front lens will be displayed together.(The 4K lens Wi-Fi aircraft is not supported.)

After the picture in picture is opened, if MV mode is entered at this time, MV video of two shots can be recorded simultaneously.

* Multi-lens feature description

Shot switching and multi-lens windows

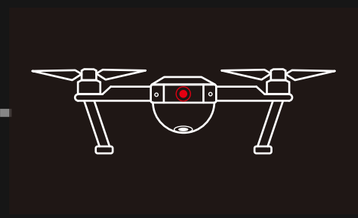


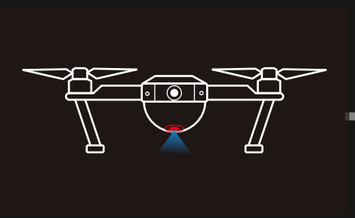


Shot switching and multi-lens windows

Shot Switching and multi-lens window: (part of the model support) in the button, free to switch the UAV up and down Lens, picture-in-picture (The 4K lens Wi-Fi aircraft is not supported.) , split screen (The 4K lens Wi-Fi aircraft is not supported.) ; And the combination of mobile phone camera to realize the free combination of multiple windows.

Airplane headshot





Airplane Lens

Cell Phone Front Lens

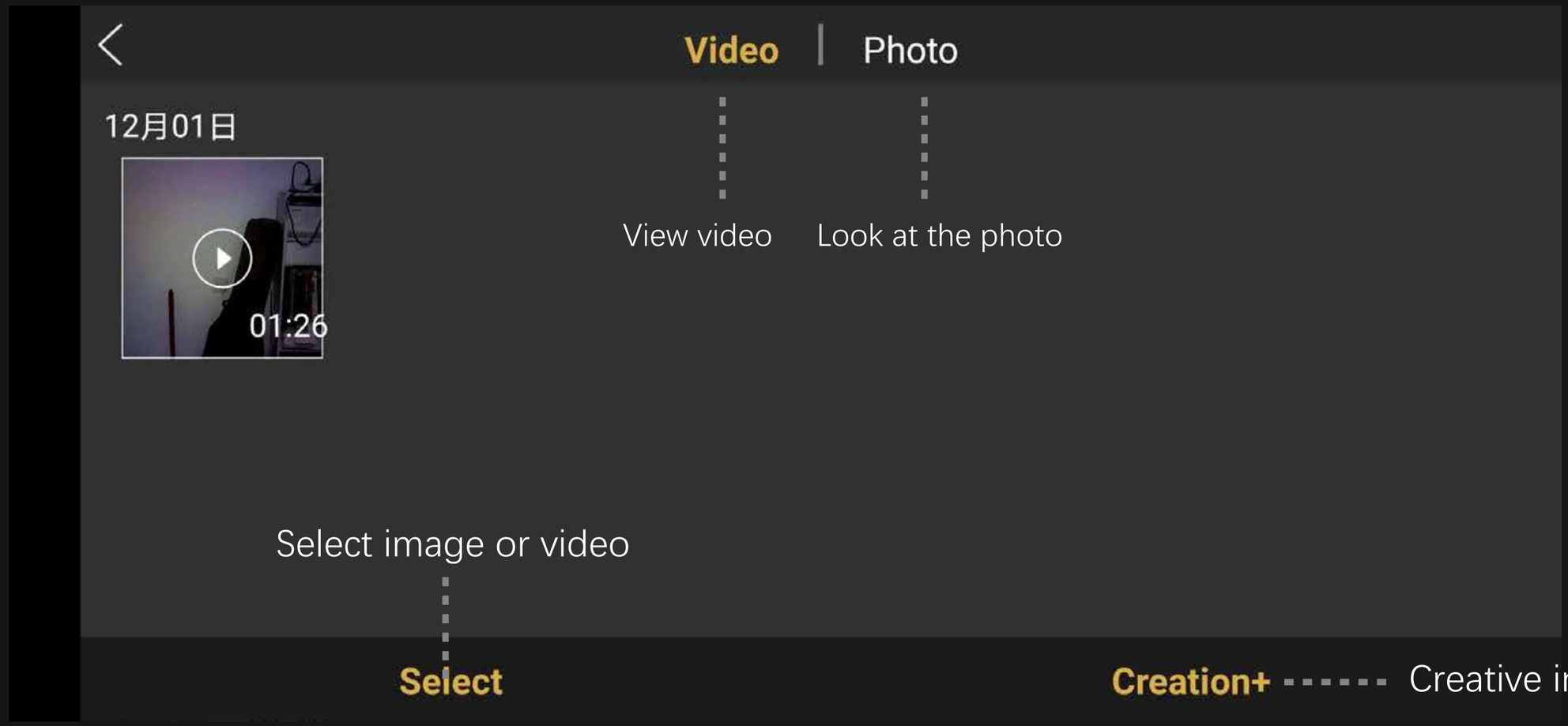




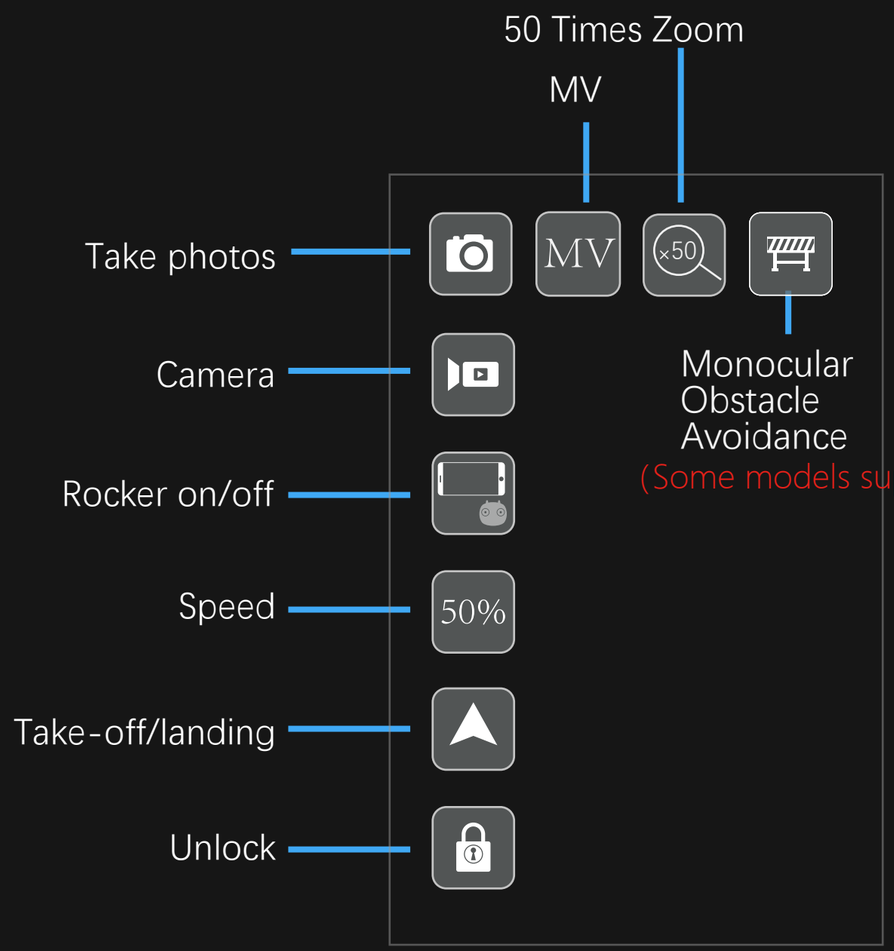
Cell Phone Rear View

* Photo album description

Album ------  Click on the album to view photos and videos, and to access the creative interface.



1.2.2 Function Description



Take photos: Click the button to take photos according to the current lens (front lens or down lens).

Camera: Click the button to shoot videos according to the current lens (front lens or down lens).

Rocker on/off: Click to switch to mobile phone control or remote control.

Speed: Displays the current state of fast and slow. Click to switch to fast and slow in mobile control mode.

Unlock: After unlocking, one key can be used to take off or drop.

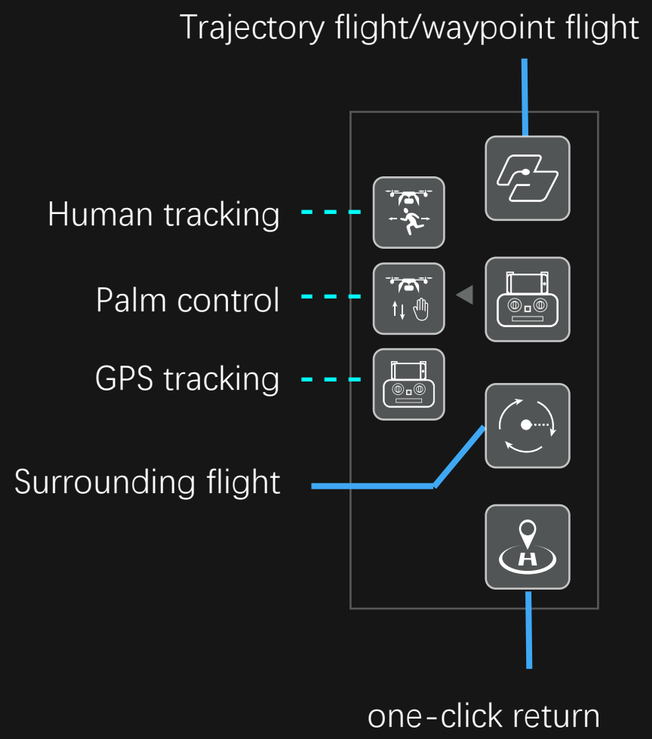
Take-off/landing: After the calibration is completed, place the aircraft horizontally and click the unlock button to start the flight operation.

MV: Click to enter the MV interface.

50 Times Zoom: After opening, adjust the zoom multiples of the lens view by adjusting the right slide bar. After the view is enlarged, the finger slides the visual range of the movable view on the screen.

Monocular Obstacle Avoidance: Monocular obstacle avoidance is only used to assist flight, do not fly directly at people to test the effect. (It takes one second to back off to trigger the obstacle avoidance function to release.)

1.2.3 Function Description



Waypoint flight: In GPS mode, the aircraft will fly according to the location selected on the map.

Trajectory flight: In optical flow mode, the aircraft will fly according to the selected position.

Human tracking: Click the button in the optical flow mode, the aircraft will follow the target person flight. (See the next page for details)

Palm control: Click the button in the optical flow mode, the aircraft will follow the palm up and down. (See the next page for details)

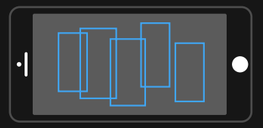
GPS tracking: In GPS mode, click this button and the aircraft will follow the phone.

Surrounding flight: In GPS mode, the aircraft nose will fly around clockwise or counterclockwise with the current position of the aircraft as the center. During the surround process, you can control the rise, fall, forward, and reverse to adjust.

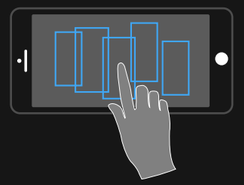
One-click return: In GPS mode, click to achieve one-click return.

* Other Instructions

Human Tracking



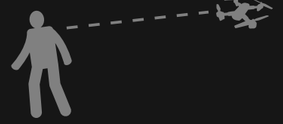
（1） Blue candidate boxes for the target person appears on the screen.



（2） On the screen, tap your finger to select the target character.



（3） After the target person is locked, the blue box will turn red. Make sure the red box target character is in the middle of the screen.



（4） The tracking flight starts when the aircraft is about 2m away from the target figure.If the target character is lost, you need to click the target character again.

When the red frame is more than 80% of the human area, the best effect can be achieved.

Palm Control

(1) facing the camera of the aircraft, lift it horizontally with one hand;

(2) when the palm is framed by the red square on the App, gently move the palm;

(3) at this point, the aircraft will follow the palm upward and downward flight;

When the distance between the palm and the camera is about 1m, can obtain the best experience.

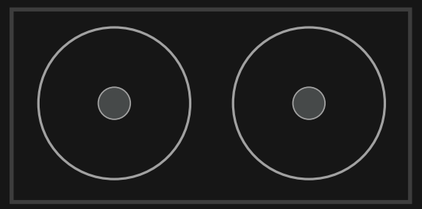
1.2.4 Function Description



Holder

After the aircraft takes off, the holder will be displayed on the left side of the screen. At this time, if you move the slider upward, the front lens of the aircraft will move upward by a certain angle; if you move the slider down, the front lens of the aircraft will move downward by a certain angle.

Rocker



The left rocker can control the upward, downward movement, left and right turn of the aircraft, and the right rocker can control the forward, backward movement of the aircraft, and it can also move the aircraft towards the left and right.

Share

After clicking in the upper right corner of the screen on the control page, enter the album interface. When you click to view a photo or video, users can share photos or videos to major social platforms through in the top right corner.

1.3 Gesture Recognition

Facing the front lens of the camera, the following gestures can be triggered to trigger the automatic camera or camera function of the aircraft:



Take Photos by Yeah Gestures About 2m in front of the camera of the aircraft, hold the Yeah gesture with one hand flat. After the aircraft successfully recognized the gesture, the countdown of 3 seconds began to take photos;



Shoot Videos by Box Gestures About 2 meters in front of the camera of the aircraft, put your hands on the position of the face jaw to make a square video gesture. After the aircraft has successfully recognized the gesture, the video will start. When the gesture is recognized again, end the recording (the time difference between two recognition should be more than 3 seconds);



Shoot Videos by Palm Gestures About 2 meters in front of the aircraft lens, with five fingers and one hand flat; After the aircraft has successfully recognized the gesture, the video will start. When the gesture is recognized again, end the recording (the time difference between two recognition should be more than 3 seconds);

1.3 Gesture Recognition

* Special Instructions

To ensure that the lens gets a higher recognition rate：

1. Please aim the lens face to face;

2. Please fly in a good light environment;

3. Please conduct gesture recognition operation at a distance of about 2m from the lens.

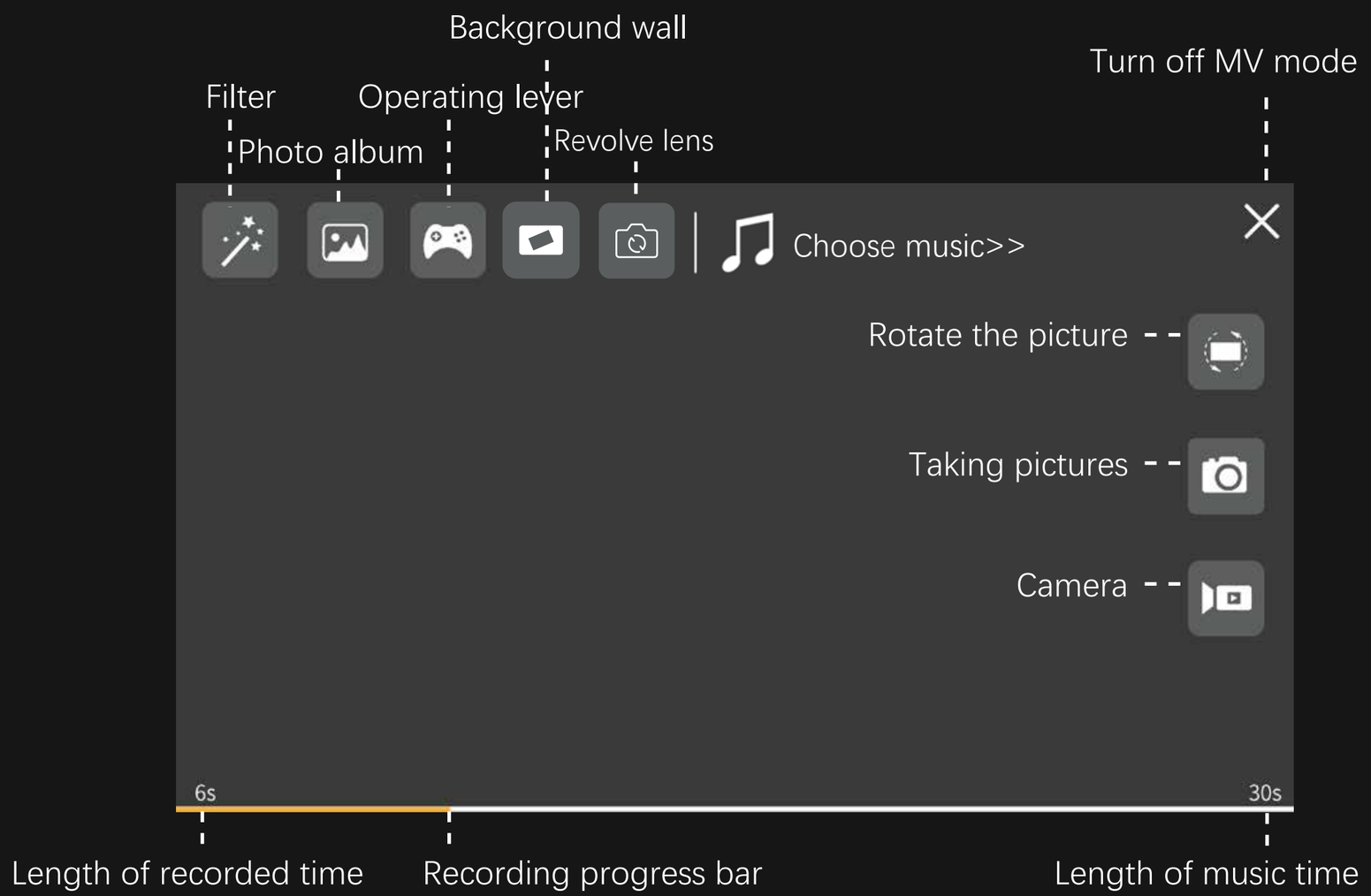
4、Ask The user to face the camera; (face assist feature).

In the following cases, it will result in a low lens recognition rate：

1. Weak light or backlight;

2. The WiFi signal is weak or the signal is disturbed.

2 MV Interface



Rotating picture

Click this button to enable the Rotate Screen feature. At this point, the finger swipes on the screen to rotate the image; if the finger double-clicks anywhere on the screen, the image can be magnified in an instant (this feature also applies when recording video).