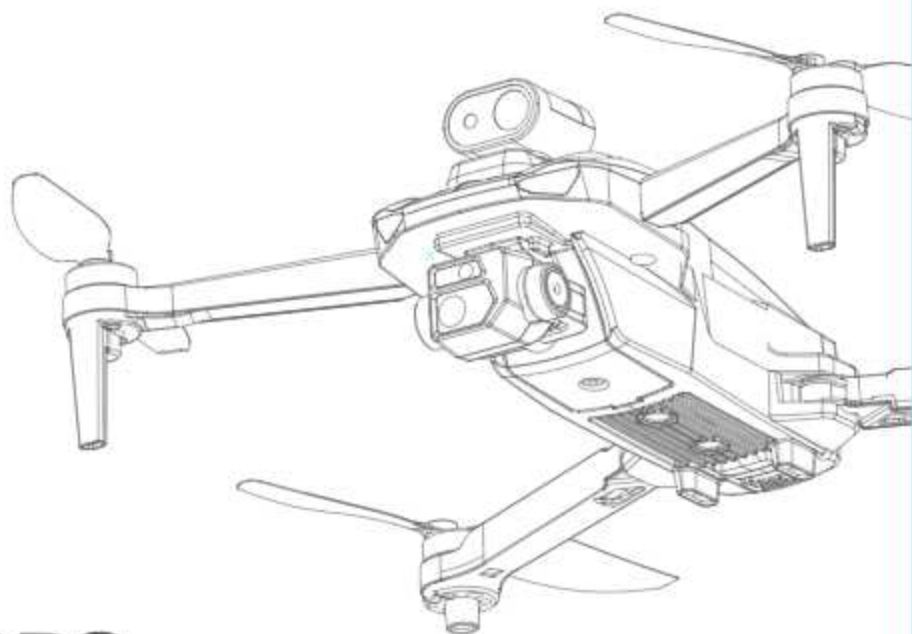


**AGE 14+**

# User Manual



**GPS**  
RETURN TO HOME



RETURN TO  
HOME



FOLLOW ME



ACTIVE TRACK



FLY BY PHONE



POWERFUL  
PROPULSION

**Read the user manual carefully before the first operation**

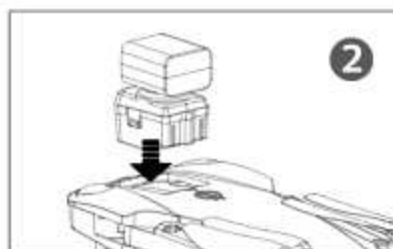
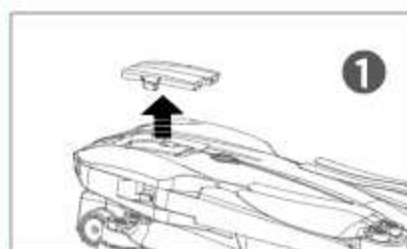
# Quick Start Guide

⚠ Please have a detailed study about the drone before flight.

\* For more information, please turn to the user manual for reference.

Make sure the drone and the remote controller are fully charged before flight.

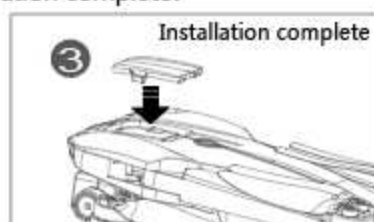
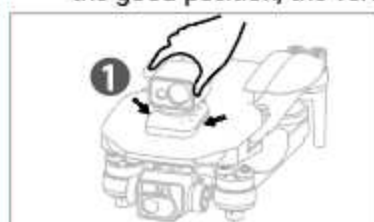
## 1.1 Points to note for installation and disassembly



Installation complete

Step 1: Insert the screwdriver into the hole of the obstacle-avoiding cover plate and take out the obstacle-avoiding cover plate!

Step 2: The obstacle avoidance equipment according to the Diagram Direction to adjust the good position, the vertical direction to press down the installation complete!



Installation complete

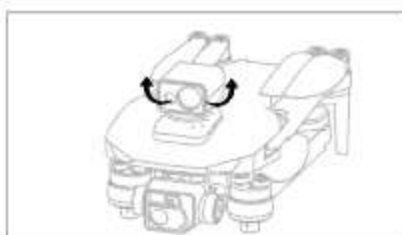
Step 1: Press the clasp with your hand (figure 1) and press down hard on the inside.

Step 2: Remove the Obstacle Avoidance Assembly (Fig. 2) upward, and then remount the cover plate onto the drone case.



Installation of obstacle avoidance components must be completed in the state of the UAV shutdown, otherwise the component will be damaged and can not be used!

Remove the obstacle avoidance components, be sure to turn off the power, otherwise it will lead to device damage, affect the normal use!



Obstacle avoidance equipment use process, will swing back and forth around, in the course of operation to prohibit the artificial rotation part, so as not to damage the device leading to functional loss!

## 1.2 introduction to OAS

Obstacle avoidance technology as a guarantee to increase the safety of UAV flight is also changing with the development of technology. During the flight, the UAV collects the information of the surrounding environment through its sensors, measures the distance and makes the corresponding movement command, thus achieves the function of "Obstacle avoidance".

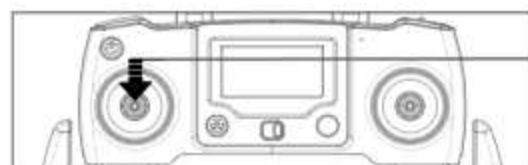


OAS



### Working Conditions:

UAV BOOT default low gear, UAV with 360 degrees obstacle avoidance function, in the default low gear to avoid obstacles function! If the switch to high-speed, because the flight speed is too fast, will lead to the UAV received instructions not in time lead to hit obstacles, so in high-speed motion mode does not have the ability to avoid obstacles!



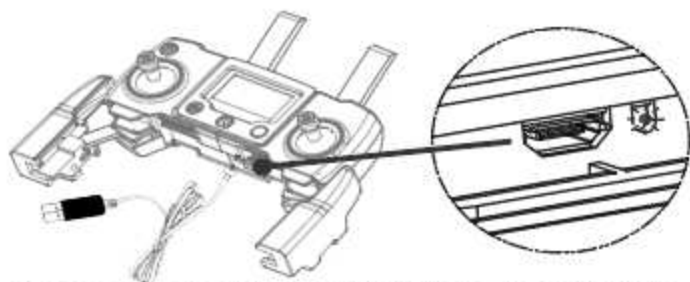
Short Press Rocker: "Click" on behalf of low-speed Mode; "Two-tone" represents the high-speed mode;



Warning: The obstacle avoidance device is an optical device, please do not shoot directly at the launching port of the obstacle avoidance device for a long time, otherwise it may cause damage to the eyes!

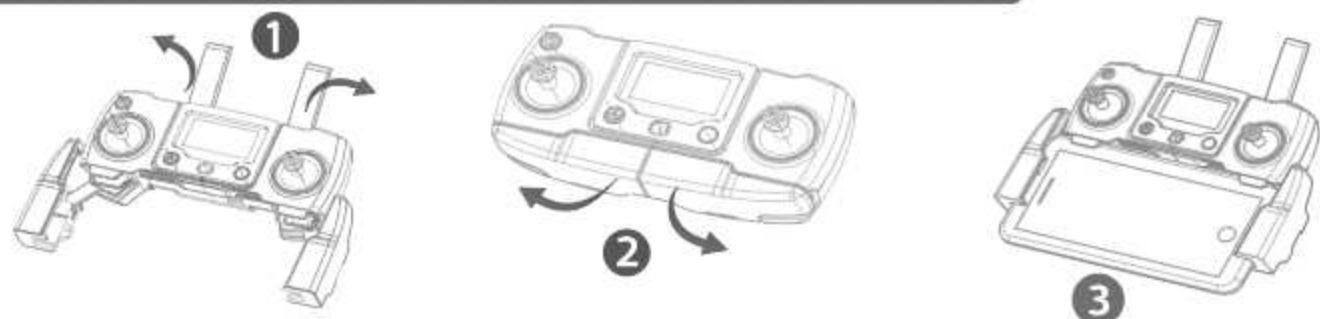
# Prepare the Remote Control

## Charge The Remote control



1. Remote control built-in with rechargeable battery, When the transmitter is low-voltage, the LED light will flash slowly, and the transmitter has "Di Di" sound, indicating that it needs to be charged.
2. using the 5V USB cable to charge the battery, charging time approx 50mins
3. The Green LED light in transmitter turns on during charging and turns off when the charging completes.

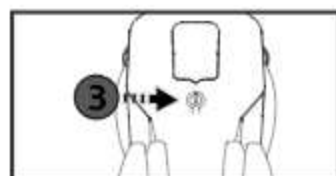
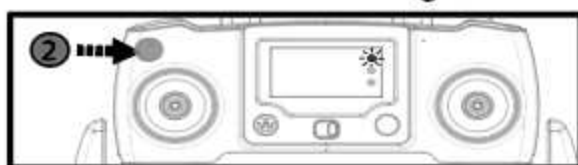
## Deploy remote control ,install the smart phone



1. Controller is folding with factory settings, First deploy the antenna and make sure antenna is vertical, then rotate the handle as photos shown.
2. Extend the handle, install the mobile device, Keep it properly and stable.

## Pairing

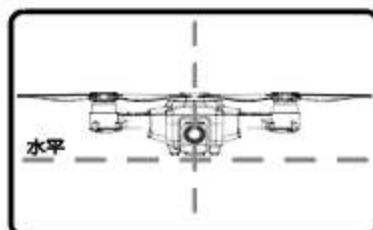
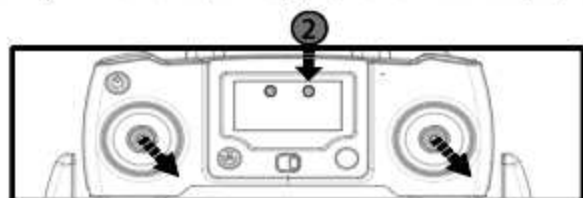
### LED Light



1. Hold the Photo button (Pic 1) and slide the power switch to the right to power on the transmitter (Pic 2), and then transmitter has a sound "Di" with the LED light flashing,
2. Turn on the drone, then the transmitter has a "DI" sound, and the LED light will turn to solid, the drone pairing successfully. If it fails to pairing, repeat above steps please.

## Gyroscope calibration

1. Hold the Photo button (Pic 1) and slide the power switch to the right to power on the transmitter (Pic 2), and then transmitter has a sound "Di" with the LED light flashing,
2. Turn on the drone, then the transmitter has a "DI" sound, and the LED light will turn to solid, the drone pairing successfully. If it fails to pairing, repeat above steps please.



1. Hold the Photo button (Pic 1) and slide the power switch to the right to power on the transmitter (Pic 2), and then transmitter has a sound "Di" with the LED light flashing,
2. Turn on the drone, then the transmitter has a "DI" sound, and the LED light will turn to solid, the drone pairing successfully. If it fails to pairing, repeat above steps please.



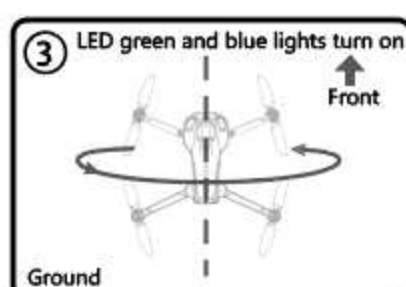
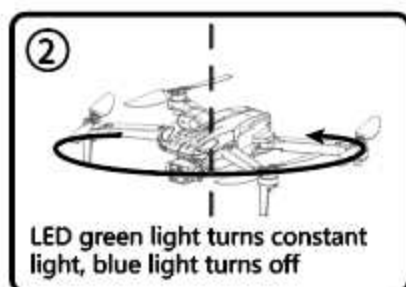
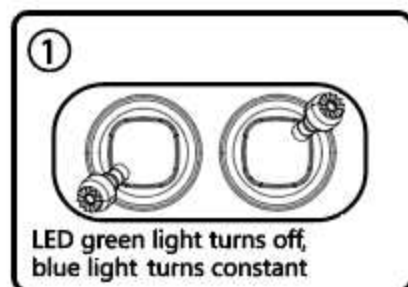
## Compass Calibration



1. Calibrate the compass before using it for the first time. Re-calibrate it when needed.
2. Re-calibrate the compass when the drone spins or yaws unexpectedly.
3. Calibrate the compass in the outdoor spacious environment free from the interference of electromagnet.

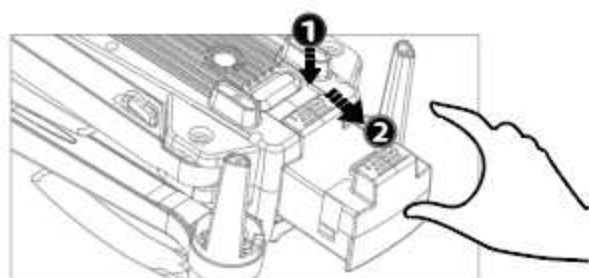
### The compass calibration method is as follows :

- ① Toggle the left and right joysticks towards different directions (shown as figure 1) and keep them still until the front blue light turns solid with a clear sound of beep.
- ② Slowly rotate the drone horizontally until the back green light turns solid while the front blue light turning off with a clear sound of beep.
- ③ Slowly rotate the drone for few circles with its nose facing upward until the front and back lights turn on with another clear sound of beep, indicating the calibration has been successful. If it fails to calibrate, please repeat the steps above.

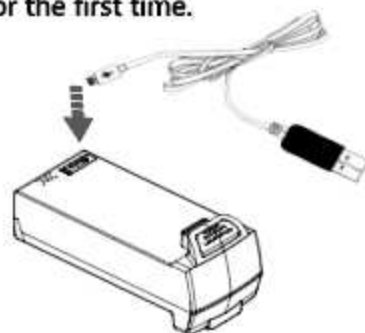


## Battery Charging for Drone

Please charge the flight battery to activate it before using it for the first time.



- ① Hold the buckle and take out the smart battery.



- ② Connect the battery with the USB charging interface.

## Basic flight operation steps

1. Place the aircraft in a wide open area that its front is your front.
2. Turn on the aircraft and remote controller.
3. Connect the remote controller with the aircraft and then proceed aircraft initialization detection
4. Connect the aircraft with your phone and enter into the image transmission interface.
5. Unlock the aircraft after the gyro detection of the aircraft is completed.
6. Pull up the throttle stick then the aircraft takes off, and control the aircraft flight by left/right stick.
7. Pull down the throttle stick to land the aircraft.
8. Pull down the throttle stick to the bottom position and keep for 3 seconds to lock the aircraft.
9. Pull out the battery from the aircraft and then turn off the remote controller

## Video suggestion and tips

1. Do pre-flight checklist;
2. Choose appropriate gimbal shooting angle;
3. Fly in a good weather with no wind;
4. Perform test flights to establish flight routes and to preview scenes;
5. Push the control stick gently to keep the aircraft movement smooth and stable.

## Download and Install APP

To install the APP and reference Operation Video, scan the instructions and the Qr Code on the package to download.

## INCLUDED ACCESSORIES



Drone x1



Remote Control x1



Propeller x2



User Manual x1



Battery X 1



USB Charger x1



Flat Screwdriver x1



OAS Component x1  
(Optional)

## Notes:

Please check the number of accessories carefully (as shown above). Please provide proof of purchase and contact the store for replacement if any missing parts.

## SAFETY PARAMETERS

Calibrate the GPS prior to the first and repeat calibration when geographical area is changed. It will fly more stable. Failure to do this could result in a flyaway.

- 1) This product is intended for calibration use and by users over the age of 14 years old.
- 2) When you play the product, keep far away the product from you, even the spare parts, such as propellers and motors
- 3) This product could be used in a safe and open legal space. Play it according to your skill level and mind state.
- 4) Read the fly environment instruction carefully Before fly this product. Play this product in the environment.
- 5) Check the local law carefully Before fly this product. Play this product obey the local law strictly. Don't play this product over the local law rule.

## DISCLAIMER

Please read this disclaimer carefully before using the product. By using this product, you accept and agree to the contents of this disclaimer.

- 1) This product is intended for calibration use and by users over the age of 14 years old.
- 2) Users shall strictly follow the instructions of the user manual and learn how to fly a drone correctly otherwise it might cause damages to the users or surrounding people and environment.
- 3) Check the local law carefully Before fly this product. Play this product obey the local law strictly. Don't play this product over the local law rule.
- 4) If different versions has semantics difference, the country or area refers to the related language version.
- 5) Users can't disassemble and repair this product. Otherwise it might result damage. We will not be held responsible for any losses or damage occurring.

## Flight Environment



Indoor: Spacious spaces away from barriers, crowds or pets are preferred.



Outdoor: Sunny, windless and breezy weathers are preferred.



Do not fly in extreme environment, such as hotness, coldness, strong wind or heavy rain.

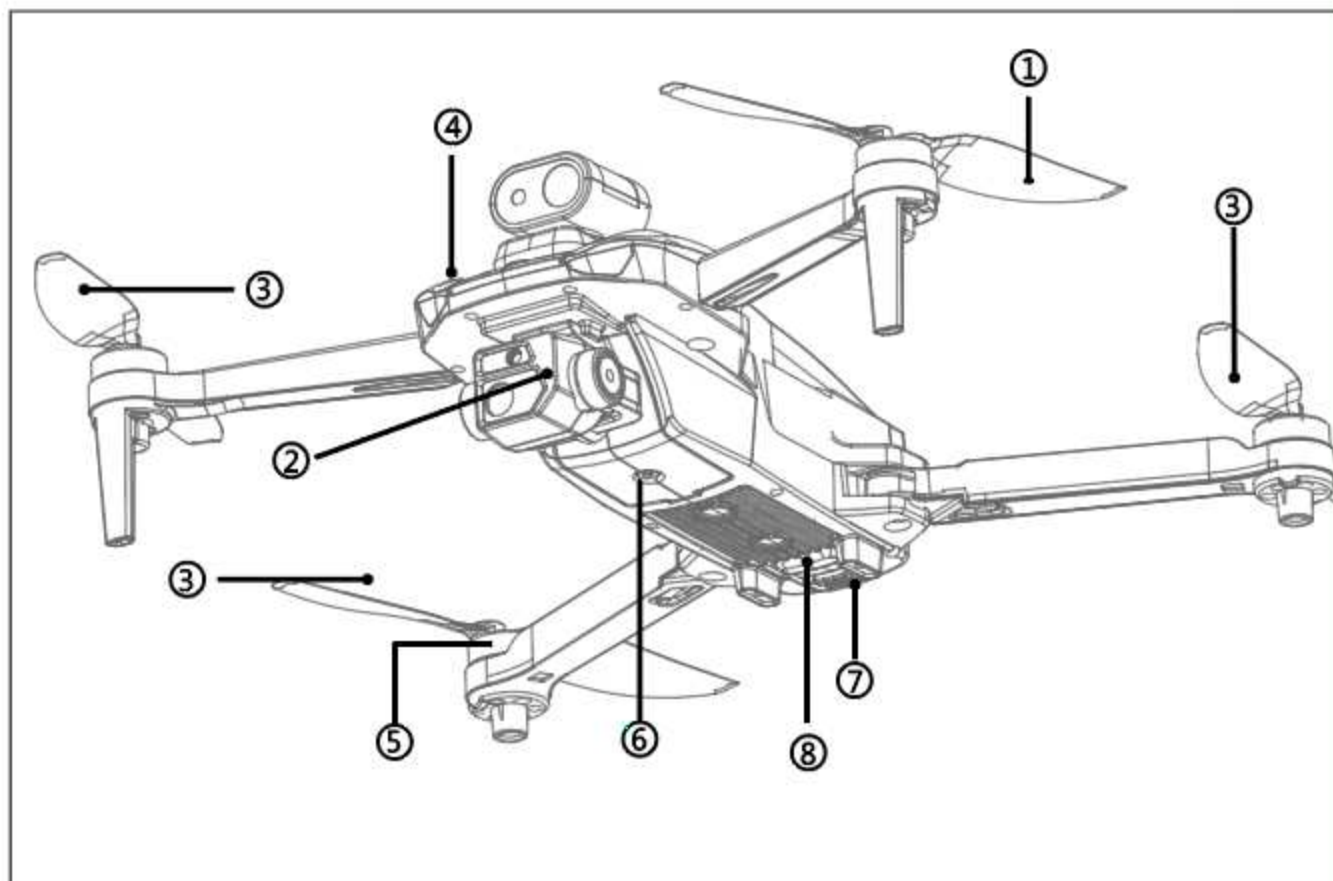


Please keep the drone in sight during the flight and keep it away from barriers, high-tension cables, trees and people.

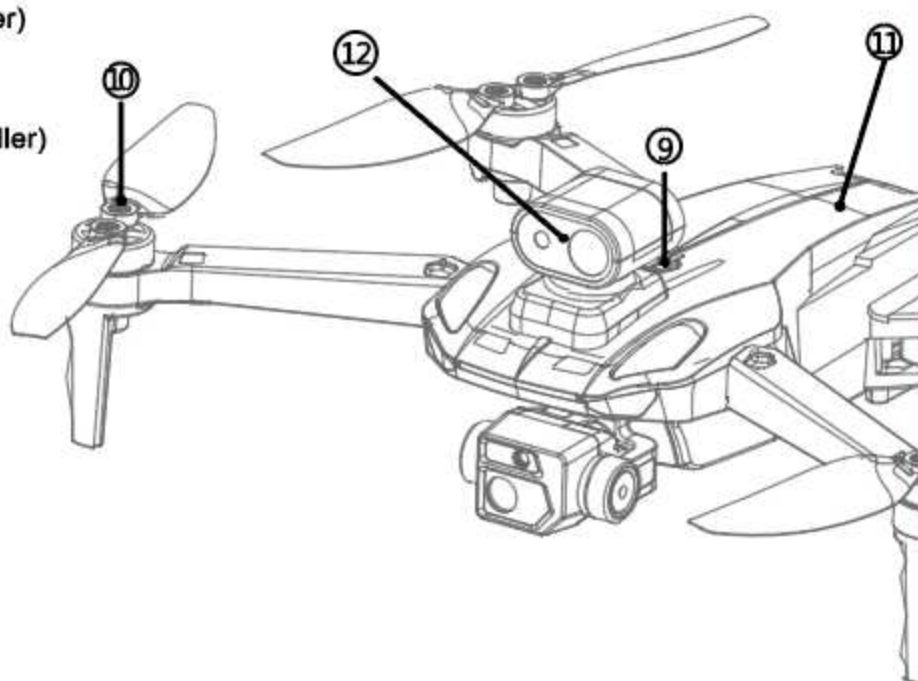
# 1.0 Product Description

- New modular design, Easy to assemble and upgrade;
- 5G WiFi digital map transmission system, it brings different Visual effect;
- Built-in latest generation flight control system, offer Stable and reliable flight function;
- Built-in GPS position Navigation system, more accurate and safe flight;

## KNOW YOUR UAV

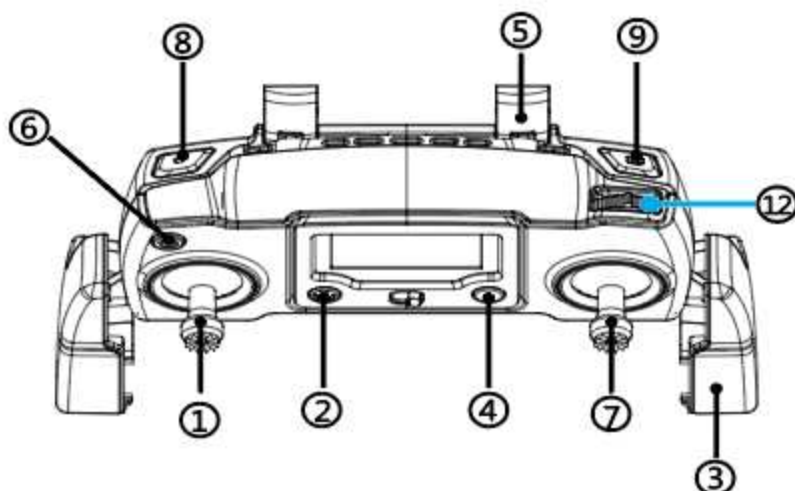


- ① Propeller A(Front Propeller)
- ② HD Camera
- ③ Propeller B(Backward Propeller)
- ④ Front Indicator Light (Blue)
- ⑤ Motor
- ⑥ Vision Position lens
- ⑦ Battery Buckle
- ⑧ Back Indicator Light (Green)
- ⑨ Power Switch
- ⑩ Propeller screw
- ⑪ GPS
- ⑫ OAS component (Optional)

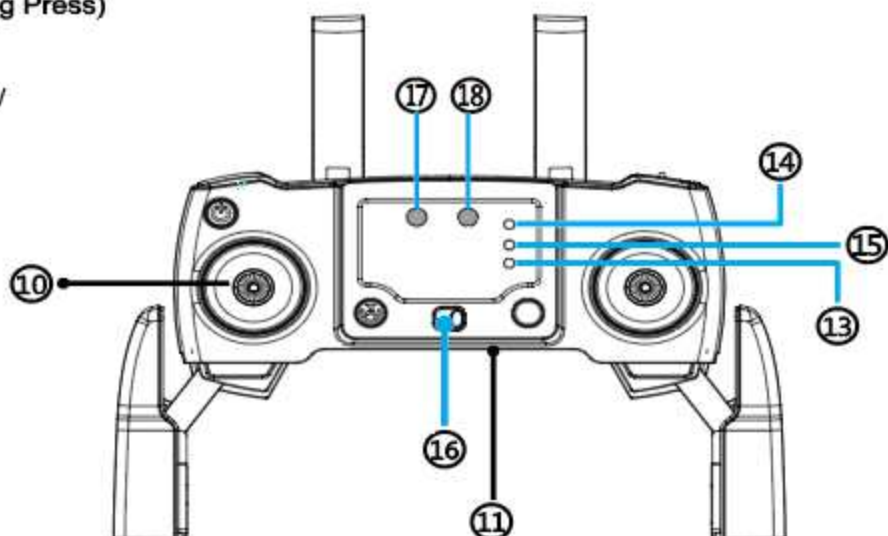




## KNOW YOUR REMOTE CONTROLLER

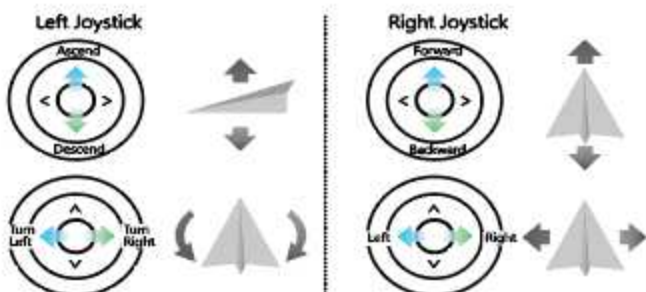


- ① Left joystick/Headless Mode (Long Press)
- ② One key Return To Home (Long Press)
- ③ Phone Holder
- ④ Unlock/Lock Motor(Long Press) / One-key Down(Long Press)
- ⑤ Antenna
- ⑥ Power Switch
- ⑦ Right joystick
- ⑧ Video



- ⑨ Photo
- ⑩ High / Low Speed switch (short press)  
Fence Mode Switch (Long Press)
- ⑪ USB Charging Interface
- ⑫ Gimble Pitch Angle
- ⑬ GPS Mode (Constant Light)  
Return to Home Mode (Flashing light)
- ⑭ Fence Mode (Constant Light)  
Pairing / Low Power (Flashing light)
- ⑮ Headless Mode (Constant Light)
- ⑯ Mode Switch (Vision Positioning Mode/  
Outdoor GPS Mode)
- ⑰ Compass Calibration Mode (Long Press)
- ⑱ Gyroscope calibration Mode (Long Press)

The default mode is "American Hand". Use the left joystick to control the flight altitude and flying direction, and the right joystick to control the directions of forward, backward, left and right sideward. You can also press the button of gimbal pitch angle to control the camera pitch angle.



### Gimbal Pitch Angle

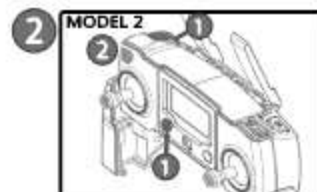
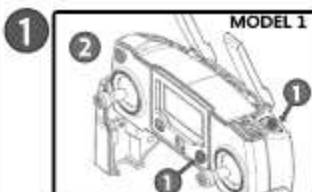


### Switch between american hand and japanese hand (MODEL 1)

1. Press the button on the right side (see MODEL 1) when the remote controller has not been switched on yet.
2. Switch on the remote controller. And the screen prompts with a number of 01.
3. Switch american hand to japanese hand, power off and then power on the remote controller to complete.

### Switch between japanese hand and american hand (MODEL 2)

1. Press the button on the left side (see MODEL 2) when the remote controller has not been switched on yet.
2. Switch on the remote controller. And the screen prompts with a number of 02.
3. Switch japanese hand to american hand, power off and then power on the remote controller to complete.



## 2.0 Before flight To prepare

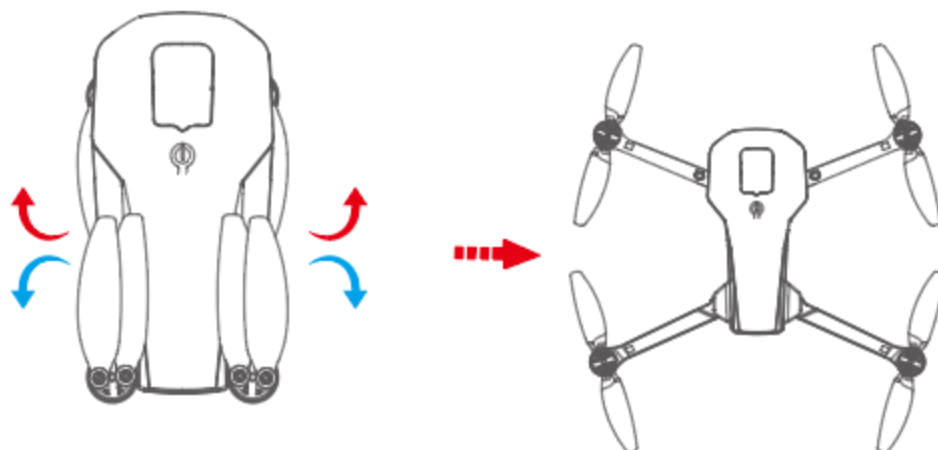
### 2.1 Download and Install APP

Please scan the QR code to download or open the APP Store to search for "UAV GO"

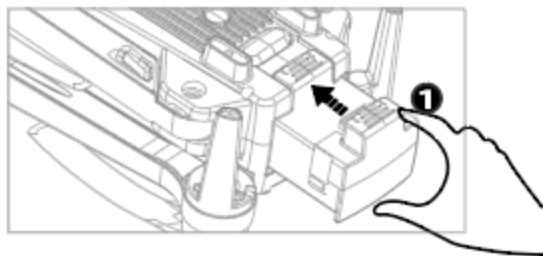
## Prepare the Drone

### 2.2 Untold the Aircraft

The Aircraft is folded inside the package. Follow the steps as blows to unfold the aircraft.



### 2.3 Battery installation

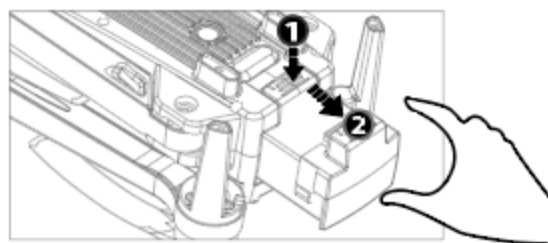


#### ! Notes:

The battery should be installed firmly:  
If not, the aircraft may crash due to power-cut during the flight.

### 2.4 Battery Charging for Drone

Please charge the flight battery to activate it before using it for the first time.



①Hold the buckle and take out the smart battery.



②Connect the battery with the USB charging interface.

①Connect the USB charging cable to the 5V USB charger (Recommends 5V 2A charger).

②Insert the USB connector into the charging interface of the drone battery.

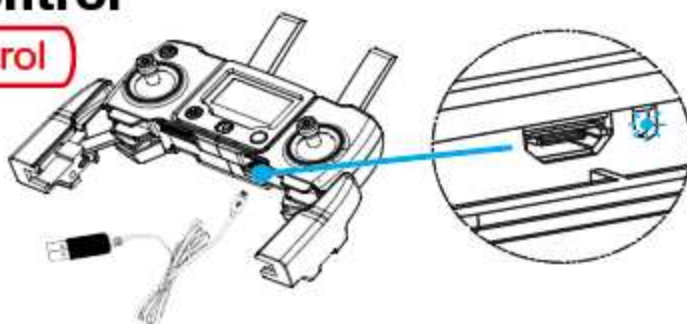
#### ! Notes:

The LED light turns on during charging and turns off when the charging completes. It takes about 2-4 hours to charge up to full and gives about 16-18 minutes of running time when fully charged.



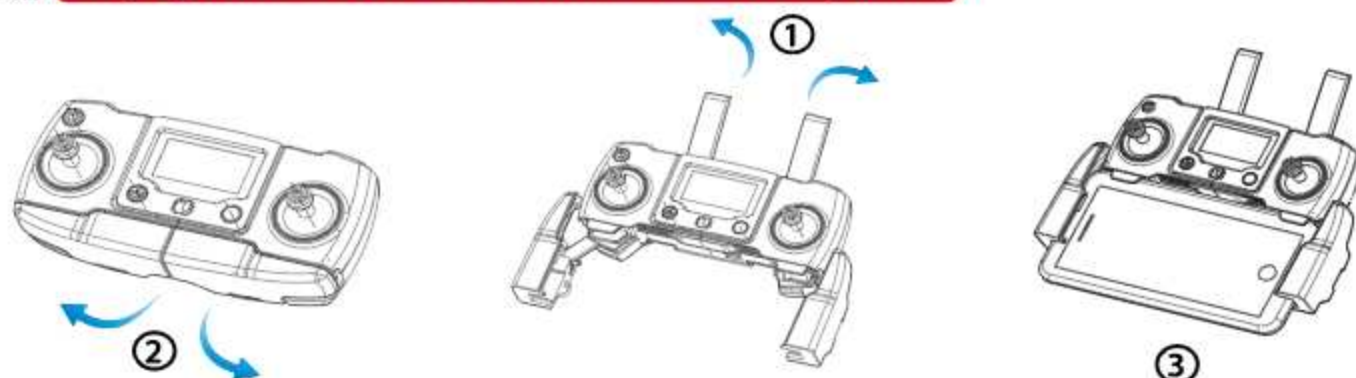
# Prepare the Remote Control

## 2.5 Charge The Remote control



- 1.Remote control built-in with rechargeable battery, When the transmitter is low-voltage, the LED light will flash slowly, and the transmitter has "Di Di" sound, indicating that it needs to be charged.
- 2.using the 5V USB cable to charge the battery, charging time approx 50mins
- 3.The Green LED light in transmitter turns on during charging and turns off when the charging completes.

## 2.6 Deploy remote control ,install the smart phone



- 1.Controller is folding with factory settings,First deploy the antenna and make sure antenna is vertical , then rotate the handle as photos shown.
- 2.Extent the handle,install the mobile device,Keep it properly and stable.

## 2.7 Pairing

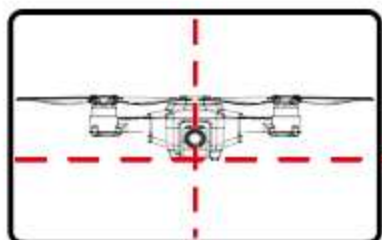
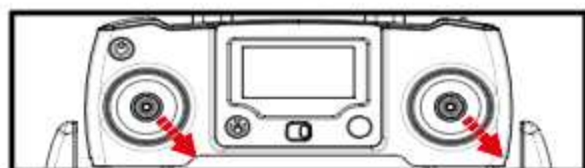


LED Light

- 1.Hold the Photo button (Pic 1) and slide the power switch to the right to power on the transmitter (Pic 2), and then transmitter has a sound "Di" with the LED light flashing,
- 2.Turn on the drone, then the transmitter has a "DI" sound, and the LED light will turn to solid, the drone pairing successfully. If it fails to pairing, repeat above steps please.

## 2.8 Gyroscope calibration


After the aircraft and the remote controller are banded, set the aircraft on flat ground and follow the indication photo as below to calibrate the gyro. Once the aircraft front lights turn from flashing to solid on, the gyro calibration is successful.



- The gyroscope calibration has been done by factory default. Gyroscope calibration is no need to be performed unless the aircraft can not exit the aircraft initialization detection procedure while the aircraft initialization detection is finished.
- Please make sure to set the aircraft on horizontal surface when performing calibration; failure to do this will affect the flight.

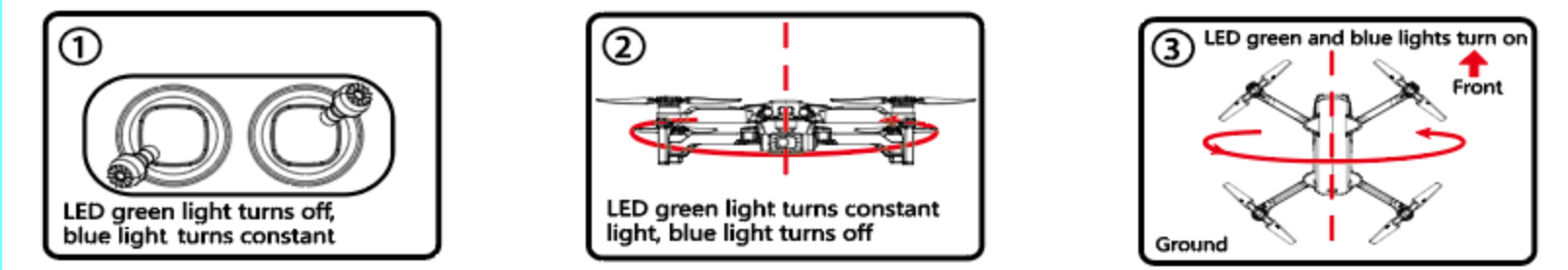
## 3.0 First time flying

### 3.1 Compass Calibration

- 
1. Calibrate the compass before using it for the first time. Re-calibrate it when needed.
  2. Re-calibrate the compass when the drone spins or yaws unexpectedly.
  3. Calibrate the compass in the outdoor spacious environment free from the interference of electromagnet.

The compass calibration method is as follows :

- ① Toggle the left and right joysticks towards different directions (shown as figure 1) and keep them still until the front blue light turns solid with a clear sound of beep.
- ② Slowly rotate the drone horizontally until the back green light turns solid while the front blue light turning off with a clear sound of beep.
- ③ Slowly rotate the drone for few circles with its nose facing upward until the front and back lights turn on with another clear sound of beep, indicating the calibration has been successful. If it fails to calibrate, please repeat the steps above.



### 3.2 Aircraft Status

- ① Indoor Altitude Hold Mode: Turn the switch to the indoor altitude hold mode. And you can see both of the drone's front and back lights turn solid.
- ② Outdoor GPS Mode: Turn the switch to the outdoor GPS mode. And you can see both of the drone's front and back lights turn blinking, indicating there are insufficient or no GPS satellites that have been searched. When 8 GPS satellites have been successfully searched, the front blue light would turn solid, indicating the successful process of searching satellites.
- ③ Headless Mode: The direction the drone takes off is forward, and the opposite side along the arrow is backward, and the vertical directions of the arrow are left-side and right-side.
- ④ Auto Return to Home Mode: Toggle the mode to the right as to turn on auto return to home mode. The green light turns slow flashing, indicating the return to home mode has been enabled.
- ⑤ When the drone battery is at a low condition, both of the blue and green lights turn quick flashing. Under this circumstance, please keep the drone within your eyesight.

Modes	Navigation Indicator Light (Blue)	Navigation Indicator Light (Green)
Indoor Altitude Hold Mode	Constant Light	Constant Light
Outdoor GPS Mode (Positioning)	Constant Light	Flashing Light
Outdoor GPS Mode (Non-positioning)	Flashing Light	Flashing Light
Headless Mode	Quick-flashing for 3 Times	Quick-flashing for 3 Times
Return to Home Mode	Constant Light	Slow-flashing
First Level Voltage	Slow-flashing	Slow-flashing
Second Level Voltage	Quick-flashing	Quick-flashing
Remote Control Disconnected	Quick-flashing	Quick-flashing
Unprepared for Flight	Slow-flashing alternately	Slow-flashing alternately


### 3.3 Lock/Unlock Motor

#### Unlock Motor

- Option One: Once the pairing has been successful, turn the switch to the indoor altitude home or outdoor GPS mode, and toggle the left and right joysticks towards different directions (shown as bellow) until the front and back lights blink twice, indicating the motor has been unlocked. The motor then starts to rotate at a slow speed.
- Option Two: Long Press the "One-key Unlock" Button to unlock motor.

#### Lock Motor

- Option One: After the drone lands, toggle the left joystick to the lowest position (shown as the left figure) until the motor stops rotating and both of the front and back lights blink twice, indicating the motor has been locked.
- Option Two: After the drone lands, toggle the left and right joysticks to different directions (shown as the right figure) until the motor stops rotating and both of the front and back lights blink twice, indicating the motor has been locked.

- 
1. When there is GPS signal, unlock the motor either in outdoor GPS mode or indoor altitude hold mode.
  2. When there is no GPS signal, unlock the motor in indoor altitude hold mode.
  3. The motor would automatically lock itself after 6 seconds of no operation.



### 3.4 Basic flight operation steps

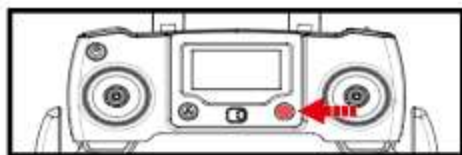
1. Place the aircraft in a wide open area that its front is your front.
2. Turn on the aircraft and remote controller.
3. Connect the remote controller with the aircraft and then proceed aircraft initialization detection
4. Connect the aircraft with your phone and enter into the image transmission interface.
5. Unlock the aircraft after the gyro detection of the aircraft is completed.
6. Pull up the throttle stick then the aircraft takes off, and control the aircraft flight by left/right stick.
7. Pull down the throttle stick to land the aircraft.
8. Pull down the throttle stick to the bottom position and keep for 3 seconds to lock the aircraft.
9. Pull out the battery from the aircraft and then turn off the remote controller

### Video suggestion and tips

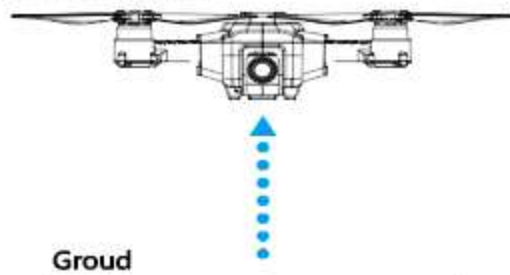
1. Do pre-flight checklist;
2. Choose appropriate gimbal shooting angle;
3. Fly in a good weather with no wind;
4. Perform test flights to establish flight routes and to preview scenes;
5. Push the control stick gently to keep the aircraft movement smooth and stable.

### 3.5 One-key Start

Please unlock the motor in GPS mode before taking off. Make sure the GPS signal is well received (the front blue LED light turns solid). The back green light flashes, indicating the satellites searching has been completed and the drone is ready for the outdoor flight.

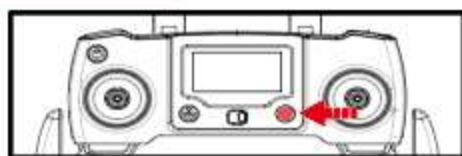


Long Press the button to unlock motor

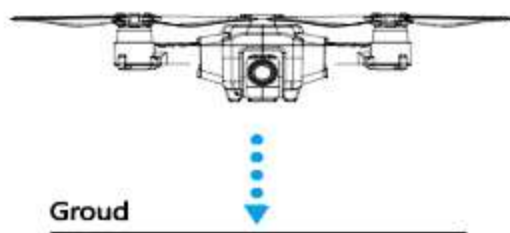


Unlock the motor in outdoor GPS mode. When the motor starts to rotate at a slow speed, Slightly push the left joystick, the drone takes off slowly

### 3.6 One-key Landing



Press the button to control the drone to automatically land



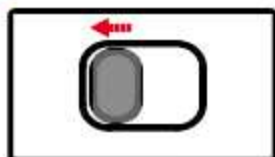
#### Notes:

1. It allows the control of full directions, including forward, backward, turning left and turning right, during landing. Toggle the throttle joystick upward to turn off this mode.
2. Ensure the landing area is flat and spacious, away from crowds or obstacles.
3. The one-key landing function can only be activated when the drone flies within 10 meters of the home point.

### 3.7 Vision Positioning Mode



Switch on Vision Positioning Mode



Vision Positioning Mode

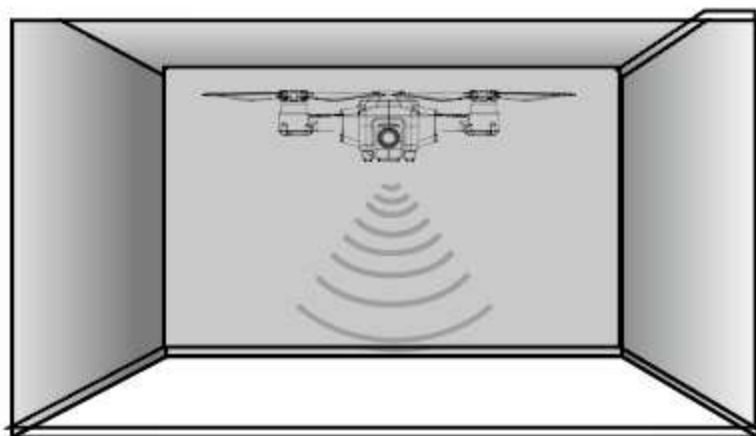


**Notes:** Put the drone on level ground, and ensure the front and back indicator lights turn solid before take off.



## Vision Positioning System function

The Vision Positioning System is typically used in indoor environment when GPS is weak or unavailable. It works best when the aircraft altitude is less than 10 meters.



The precision of the vision system is easily affected by the light strength and features of the surface textures. Once the image sensor not available, your aircraft will switch to Gesture Mode automatically. Be cautious to operate the aircraft in the following situation:

1. Fly fast at an altitude below 0.5m.
2. Fly over monochrome surfaces (like pure black, pure red, pure red and pure green).
3. Fly over strong light reflective surfaces or surfaces prone to reflection.
4. Fly over water or transparent object surfaces.
5. Fly over moving object surfaces (such as crowds, swaying juggles and glass).
6. Fly over an area where light changes dramatically and rapidly.
7. Fly over surfaces extremely dark ( $\text{lux} < 10$ ) or extremely bright ( $\text{lux} > 10,000$ ).
8. Fly over surfaces without clear textures.
9. Fly over surfaces with highly repeating textures (small grid brick in the same color).
10. Flying speed should be controlled within a moderate range. When the aircraft is 1 meter against the ground, the flying speed should not be over 5m/s; When the aircraft is 2 meter against the ground, the flying speed should not be over 14m/s.

- Keep sensors clean at all times
- The vision system is only effective when the aircraft is within the altitude range of 10 meters.
- Make sure that the light is bright enough and the surfaces is with clear textures so that the vision system can acquire the movement information through recognizing the ground textures.
- The vision system may not function properly when the aircraft is flying over water, low light ground and surfaces without clear patterns or textures.
- Do not use other ultrasonic device with a frequency of 40KHz when the vision system is in operation.

### 3.8 Outdoor GPS Mode



#### ⚠ Notes:

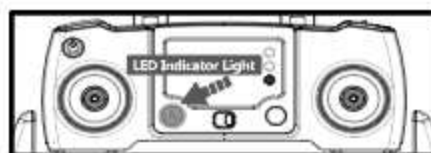
1. Ensure at least 8 GPS satellites have been searched as to well receive the GPS signal.
2. It is able to handle a smooth flight and control functions of position hold, altitude hold and emergency stop in outdoor GPS mode.
3. Switch to indoor altitude hold mode when there is no GPS signal.
4. Do not turn on the outdoor GPS mode in the environment surrounded with narrow lanes and tall buildings.

### 3.9 Return to Home Mode



Notes:

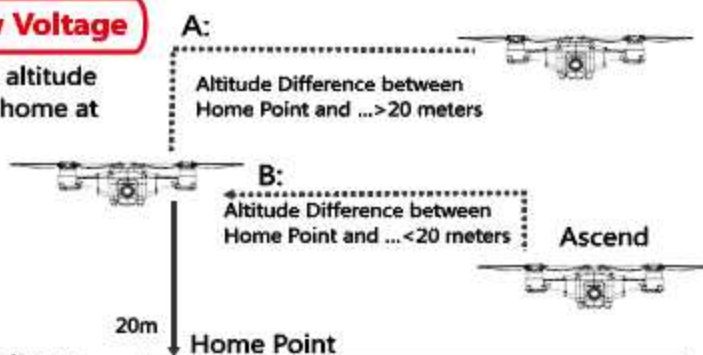
- 1.Ensure that the GPS position signal is well received (at least 8 satellites ).
- 2.Ensure no barriers outstand the flying height along the way of the flight path during return before switching on "Return to Home Mode".
- 3.Ensure the takeoff point is away from crowds and other barriers. Switch on "Return to Home Mode" and the drone would automatically return to home.



Long press this button and buzzer sounds "DI" to start one-key return drone will return to the latest recorded location. During the return flight, the user can control the flight altitude by remote control.

### 3.10 Intelligent Return to Home Under Low Voltage

- A: When the drone is at low voltage and flies at the altitude of over 20 meters, it would automatically return home at the same altitude and then descend.
- B: When the drone is at low voltage and flies at the altitude lower than 20 meters, it would ascend to the altitude of 20 meters before returning home and descending.



Notes:

- 1.Ensure at least 8 GPS satellites have been searched as to well receive the GPS signal.
- 2.Do not touch other buttons when the drone has entered low voltage return to home mode.
- 3.When the low voltage alarm triggers, please manually return the drone back or turn on auto return to home mode.

#### Intelligent low voltage return is introduced

1. The built-in system automatically calculates the flight distance and battery capacity for return, flight ensuring the flight safety particularly when it is at low battery condition.
2. The front and back lights blink when the battery voltage is under 7.05V, triggering the low voltage alarm.

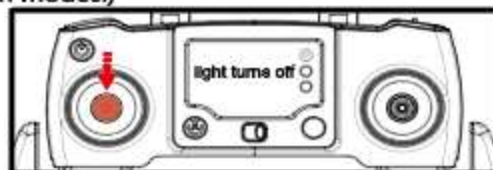
### 3.11 Fence Mode

The fence mode is the default mode when starting up. Press the button on the left side of the controller for at least 2 seconds as to turn off the fence mode. Press 2 seconds to turn on the fence mode. Please fly the drone within an altitude of 30 meters and a range of 200 meters. (There is a long-lasting clear sound of beep when switching between modes.)

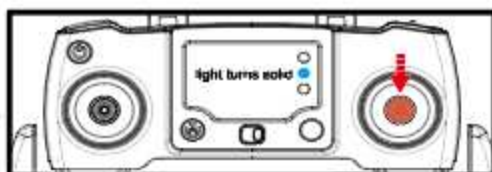


Notes:

- 1.If you are a new pilot, please do not turn off the fence mode.
- 2.Please follow local regulations and rules when you fly a drone.



### 3.12 Headless Mode



Long press this button on the remote control to enable headless mode  
The indicator light turns solid  
Long press this button again to disable headless mode  
The indicator light turns off

## 4.0 After Landing

- 1.Control the drone to land on the ground and lock the motor. There are three ways to control the drone to land: Manually operate it to land, enable one key landing to return it back, or enable auto return to home mode to return it back automatically.
- 2.Press the drone power for at least 2 seconds and then release the button. The indicator light would turn off. Then turn off the remote controller.
- 3.Take the drone battery out of the drone.



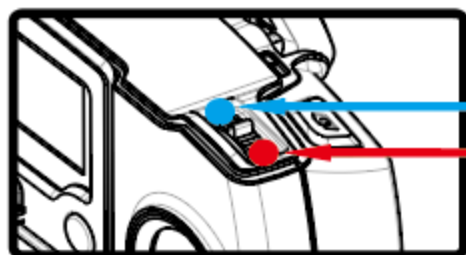
## GIMBAL CAMERA

### About the Gimbal

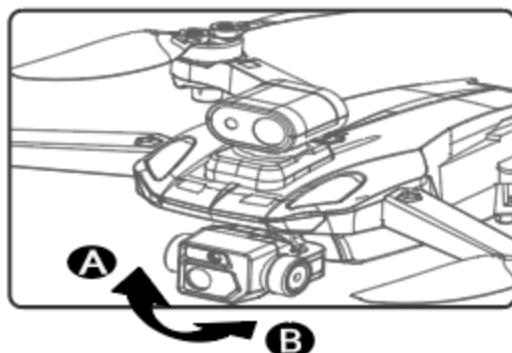
Whilst flying, the drone's camera can be adjusted to capture the scene at different angles, bringing you a superior aerial photography experience.

### Camera Angle Adjustment

Use the pitch angle button to adjust the viewing angle of the camera from -90 degree to 0 degree.



Gimbal Angle Increases  
Gimbal Angle Decreases



#### ! Notes:

1. Prohibit manually adjust the angle of the camera, May cause structural failure
2. Plug cable can't insert opposite when install the camera, May damage the components and failure
3. Prohibit insert/pull out the SD card during the flying, May cause the data damage or loss

## Battery Instructions

- There is a certain risk when using lithium battery. It may cause fire, body injury or property loss. Users must be aware of the risks and take full responsibility of using battery improperly.
- If battery leakage occurs, please avoid contacting your eyes or skin with electrolyte. Once it happens, please wash your eyes with clean water and seek medical care immediately.
- Please remove the plug immediately if you sense any peculiar smell, noise or smog.

### Battery Charging

- Please use standard 5V USB charger to charge up while avoid using worn or old chargers.
- Do not charge dilapidated or outworn battery.
- Do not over charge battery. Please unplug the charger once fully charged.
- Do not charge the battery next to inflammables, such as carpet, timber floor or wood furniture or on the surface of electro-conductive objects. Please always keep an eye on the battery when charging.
- Do not charge battery which not cool down yet.
- The charging temperature should be between 0°C to 40°C.

### Battery Recycling

- Do not dispose the battery as daily rubbish. Please familiarize yourself with the local garbage disposal method and dispose it according to the special requirement.


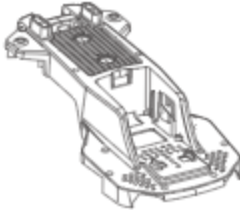
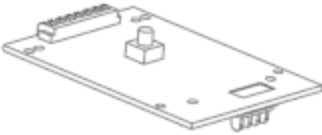
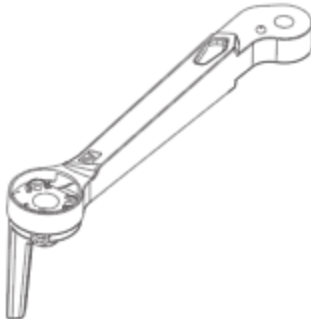

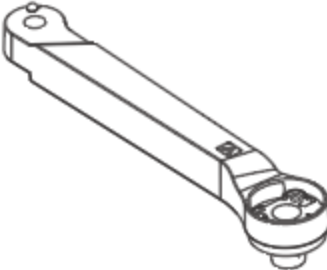
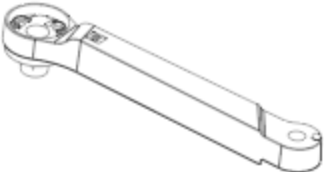


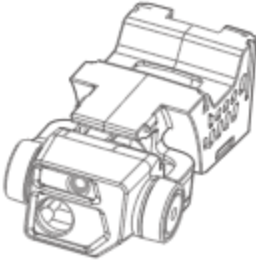

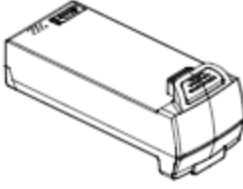
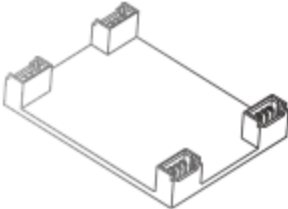
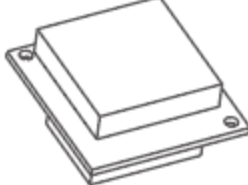


## Frequently asked questions

No.	Questions	Solution
1	The lights continued to flash rapidly after the aircraft was powered on	The aircraft is in gyro check state, please put the aircraft on the stationary plane or the ground
2	After take-off, the aircraft can not hover, to one side tilt larger	Re-calibrate the gyro by placing the vehicle on a flat or horizontal surface
3	The MAV's vibrating pretty bad	The blades are deformed and need to be replaced
4	The shuttle won't unlock. The tail lights are flashing	The battery voltage of the aircraft is too low. Please charge the battery fully



# Product PART LIST

## Basic Unit

			
Face Shell F22-001	Bottom Shell F22-002	Flight Control Panel F22-003	Forearms (A) F22-004
			
Forearms (B) F22-005	Rear arm(A) F22-006	Rear arm(B) F22-007	Propellers F22-008
			
Motor F22-009	Camera Assembly F22-010	Charging wire F22-011	Batteries F22-012
			
Electric Regulation F22-013	GPS F22-014	OAS F22-015	Screw F22-016

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction