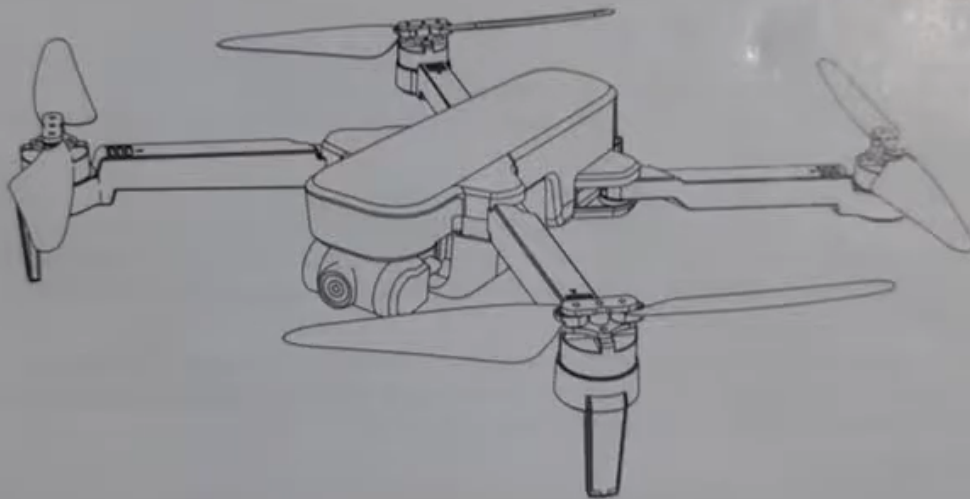


AGE 14+

6K-GPS

Brushless Drone With 2-Axis Gimbal.



IMPORT NOTE:

- When taking off the drone, make sure the player is 3 meters away from the drone, and keep away from people and finances during the flight.
- Please in accordance with the requirements of the instructions, pay attention to flight safety, must understand their own negligence caused by accident liability.
- For outdoor flight, please ensure that the GPS calibration has been successful and the star search volume is greater than 10N/S before taking off.
- This drone provides two flight modes: indoor mode and outdoor GPS. The two modes need to be manually switched. Please select the corresponding flight mode according to the flight environment before taking off.

Please read the instructions carefully before flying and keep them for future reference.

Welcome to buy this product. In order to make it easier and convenient for you to use this drone, please read this manual carefully before operation. At the same time, please keep manual properly for reference for future adjustment and maintenance.

IMPORTANT STATEMENT

1. This product is not a toy, but a precise equipment integrating mechanical, electronic, polidynamics, high-frequency emission and other expertise. Proper assembly and commissioning is needed to avoid accidents. The holder of the product must use the arrangement to operate the control. Improper operation may cause serious personal injury or property loss.
2. This product is suitable for people who have experience in operating model aircraft and are not less than 14 years old.
3. In case of use, operation, maintenance and other problems, speak softly to the local dealer or the relevant personnel of the company.
4. The product contains small parts, please keep them out of reach of children to avoid the risk of accidental ingestion or suffocation.

SAFETY PRECAUTIONS:

The remote-controlled drone is the most dangerous commodity. When flying, it is necessary to keep away from people. Improper manual assembly or collective damage, poor electronic control, and unfamiliar operation may lead to unpredictable accidents such as damage to aircraft or personal injury. Please pay attention to flight safety, must understand their own negligence caused by accident liability.

- Stay away from obstacles and people

Remote-controlled drone has uncertain flight speed and state and potential danger when flying. It must be far away from people, high-rise buildings, high-voltage power lines and so on. To ensure the safety of the pilot/surrounding people and property, avoid flying in severe weather, such as wind, rain, lightning, etc.

- Stay away from moisture

The interior of the aircraft is composed of many sophisticated electronic components and apparatus parts. Therefore, it is necessary to prevent moisture or moisture from entering the aircraft, so as to avoid accidents caused by mechanical and electronic components failure.

- Proper use of this product

Please modify or repair the parts produced by the original factory to ensure flight safety. Please operate and use the products within the scope allowed by the functions of the products, and do not use other illegal purposes other than safety laws.

- Avoid control by yourself.

Remote control drone operation skills in the early learning is a certain degree of difficulty, to avoid flying alone, the need for experienced guidance.

- Safe operation

Please operate the REMOTE control aircraft according to your condition and flight skill. Fatigue, poor spirit or improper operation will increase the probability of accident risk.

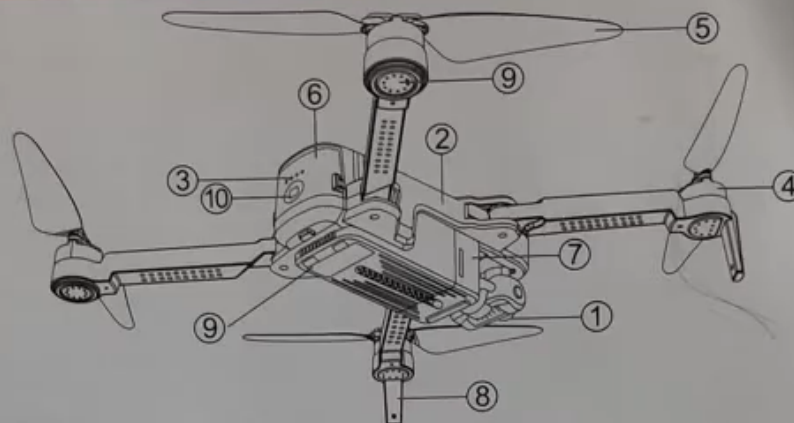
- Stay away from high speed rotating parts

When the aircraft rotor is rotating at high speed, please keep people and objects around the pilot away from the rotating parts, so as not to cause danger and damage.

- Away from the heat source

Remote control aircraft is composed of metal, fiber, plastic, electronic components and other materials, so it is necessary to stay away from the heat source as far as possible, to prevent the sun, to avoid deformation or even damage caused by high temperature.

KNOW YOUR DRONE



- | | | | |
|---|-----------------|---------------------------|----------|
| 1.HD camera and Gimbal | 2.Casing Cover | 3.Battery indicator light | 4.Motor |
| 5.Blades | 6.Li-Po Battery | 7.Protector Guard | 8.Tripod |
| 9.LED Light (Front Light: Red with white / Back light: Red with blue/ Bottom light: white) | | | |
| 10.Power switch (Long press 4S ON/OFF) | | | |

SPARE PARTS LIST



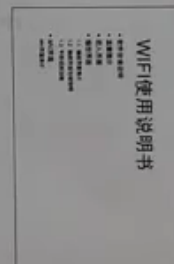
Drone *1 (Included battery)



Transmitter *1 (Not included battery)



Manual *1



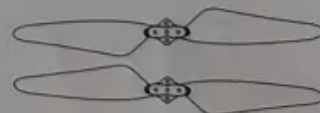
WIFI Manual *1



Screwdriver *1



USB Cable*1



Blades L/R *2

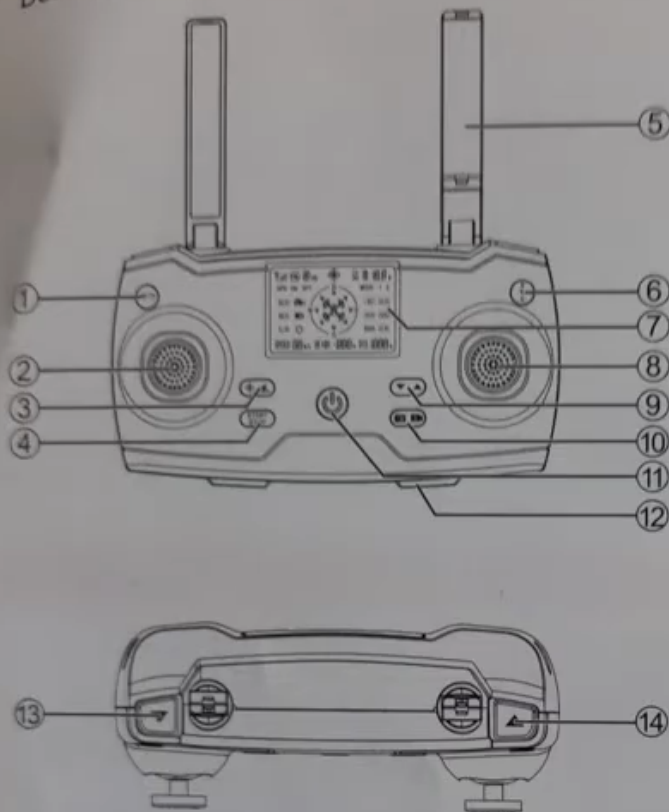


Note:

Please carefully check the accessories and the quantity (such as the accessories table), if found incomplete, please provide the purchase voucher, timely contact the seller to replace the goods.

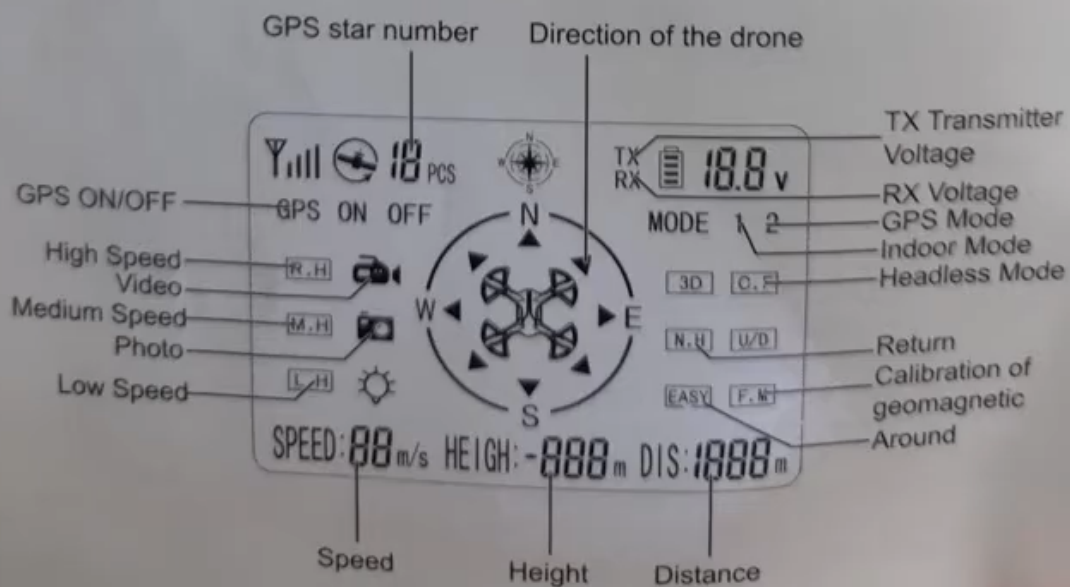
KNOW YOUR TRANSMITTER

Description of the remote



- 1.Orbit Flight/GPS switch
(long press for 3 seconds)
- 2.Throttle (left) Joysticks/
Three speed switch
(press down)
- 3.Headless Mode
(Long press 3S)/ Return
- 4.Start (Unlock)
- 5.Antenna
- 6.Geomagnetic calibration
- 7.LCD Screen
- 8.Direction (right) Joystick
/Trim (press down)
- 9.One key rising/ falling
(Long press for 3S)
- 10.Photo/video
(Long press for 3S)
- 11.Power Switch
(Long press 4S for turn off)
- 12.Phone Holder
- 13.Camera Up
- 14.Camera Down

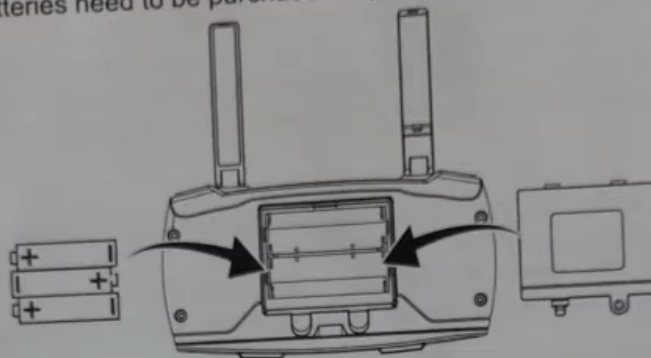
LCD Screen



BATTERY INSTALLATION AND CHARGING METHOD

Transmitter battery installation

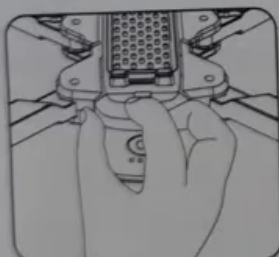
Open the battery cover and put 3 AA batteries correctly according to the electrode instructions (batteries need to be purchased separately)



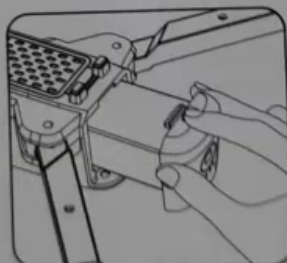
Noted:

1. When the voltage of the remote control is too low, it will beep and need to replace the battery of the remote.. At the same time, the LCD display TX indicates the voltage is lower than 3.5V (The low pressure value will be slightly different depending on the service environment.)
2. Do not mix old and new batteries.
Do not mix different types of batteries.

Battery Charging



1. Press the button at the bottom of the battery case.



2. Pull out the battery.



3. USB charging cable connects lithium battery and USB charging port.



Noted:

1. When the aircraft's voltage is low, the remote control beeps and the LCD display RX indicates that the voltage is below 11V (the low voltage value varies slightly depending on the operating environment).
2. When charging, the battery indicator flashes in turn, and the four lights are all on, indicating that the battery is full. After charging, disconnect the battery from the power supply, and the pumping time is about 5 hours.
3. When you're done, separate the batteries from the drone.

ATTENTION TO BATTERY USE

- There are certain risks associated with the use of lithium batteries, which may cause significant damage to people and property. Please use with caution and bear all relevant responsibilities at your own expense.
- In case of battery leakage, avoid liquid contact with skin and eyes. In case of contact with skin, rinse immediately with soap and water. In case of contact with eyes, rinse immediately with plenty of cold water and seek immediate medical attention.
- If the charger emits suspicious odor, noise or smoke, remove the power immediately.

Charging:

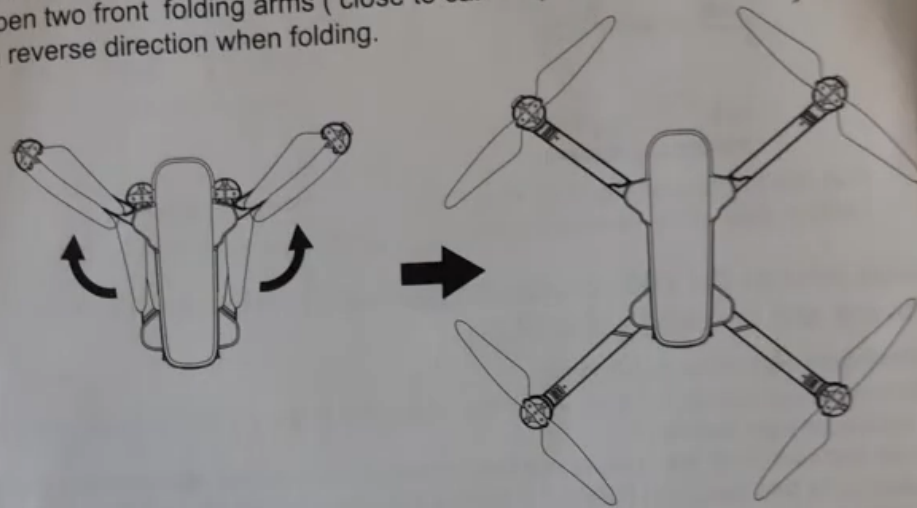
- Please use the special charging line distributed by the original factory to charge, do not use damaged or other brand charging line.
- Do not charge batteries that are swollen, leaking or damaged.
- Do not overcharge the battery. When the battery is fully charged, please unplug the charger.
- Do not go near combustible (carpet, wood floor, solid wood furniture, etc) Or charge on the surface of an electrically conductive object.
- Keep the battery in sight while charging.
- Do not charge the battery immediately after use when it is still hot.
- The battery should be charged at a temperature between 0° and 40° degrees.
- Rechargeable batteries need to be removed from the product to be charged.
- Depleted batteries need to be removed from the product.
- The power supply end shall not short circuit.
- The wires, plugs, enclosures and other parts of the charger should be checked regularly. If damaged, they should not be used until repaired.
- The remote control cannot be charged without a rechargeable battery.

Recycle

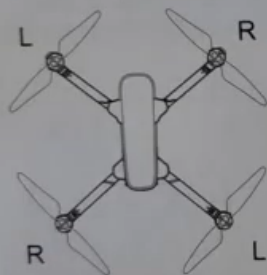
This equipment is composed of electronic components and batteries. As for the waste of electronic appliances, please make special treatment according to the local waste disposal requirements.

PRE-FLIGHT PREPARATION

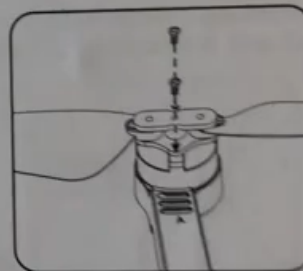
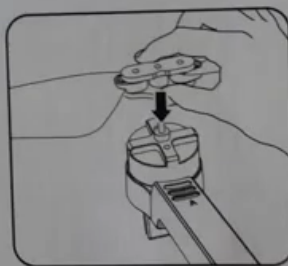
1. Open the arms of the drone
First open two front folding arms (close to camera), then open the rear folding arms.
Fold in reverse direction when folding.



2. Install the blades



R corresponds to R,
L corresponds to L

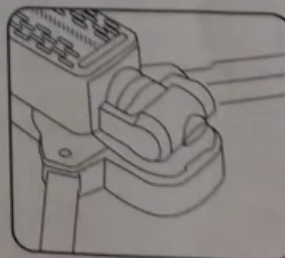
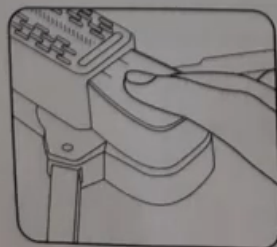


Hold the blades and press down on the machine shaft.
Lock the screws.

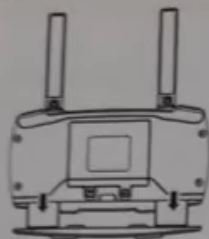
Note:
⚠ Install or remove the blades, please remove them lightly. Do not apply force to the blades to avoid deformation.

3. Gimbal Cover

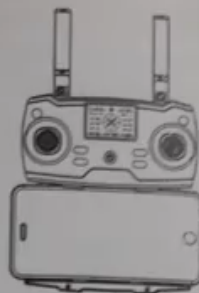
Remove the limit buckle at the bottom of the Gimbal cover and remove the Gimbal cover.



4. Mobile Phone Installation Method



Pull out the phone clip from the bottom side of the remote control.

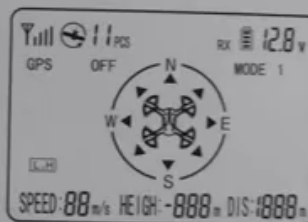
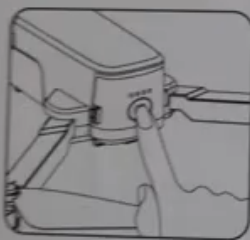


Clip the phone on the holder.

5. Please refer to the WIFI instruction manual for installation of APP software and operation of APP.

6. Drone and Remote Maching

- Press the power switch for 4 seconds and place the drone on the horizontal plane, Red indicator light flashes.
- Turn on the switch of the remote control, drone and remote will automatically adjust frequency. At this time, the RED LED light of the drone will be off, and the white front LED light and the blue back LED light will flash.
- At this moment, the LCD screen displays "GPS OFF" and "MODE 1". The drone provides an indoor flight mode, allowing you to fly indoors (Outdoor GPS signals are weak and the number of satellites is less than 10N/s).

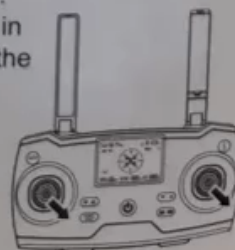
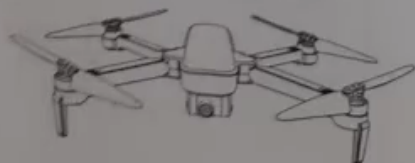


Note:

1. After startup, if the drone does not operate for 5 minutes, the drone will enter hibernation state and need to restart operation.
2. If the drone does not operate for 10 minutes after starting, the motor will alarm and remind the operator to shut down.

7. Gyroscope calibration

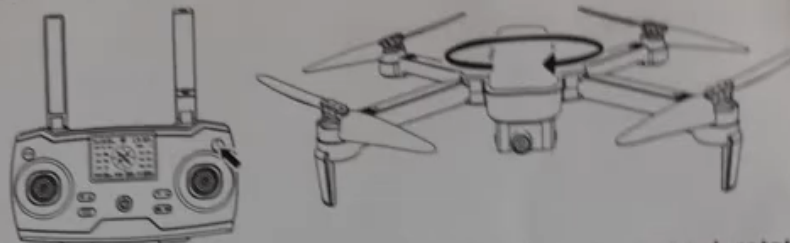
If the drone cannot rise vertically when taking off, the drone can be corrected by gyroscope, and the left and right joystick can be placed at the lower right corner to return the gyroscope to its original position. At this moment, the front white and back blue indicators flash quickly, while the remote control beeps. Release all the keys of the remote control and gyroscope calibration is completed. When executing the calibration order, it must be executed in a stable state with horizontal and parallel lines, otherwise the effect of calibration will be affected.



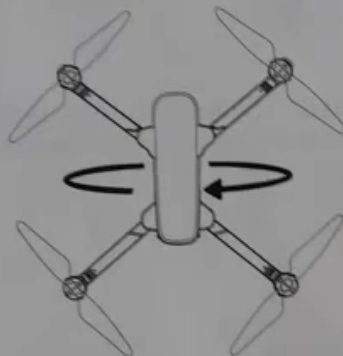
8. Geomagnetic (compass) calibration

After successful frequency alignment, it is necessary to conduct geomagnetic (compass) calibration for the drone in two steps. Press the compass key, and the red, white and blue indicators flash quickly before and after the drone, so as to conduct compass calibration.

- Pick up the drone horizontally, about 1 meter from the ground, rotate it 3 times, after beep, the front red and white lights of the drone become regular, the back red and blue lights flash.



- Pick up the drone perpendicularly, head up, about 1 meter from the ground, rotate it 3 times, the remote control Beep sounds, the white light and the blue light flash before and after the drone (all red lights are off). The drone compass has been proofread successfully.

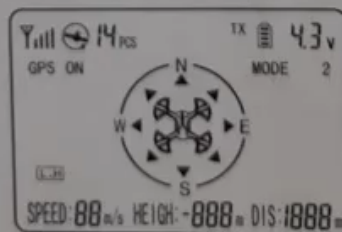


If the drone star search is completed before the successful geomagnetic calibration, the white and blue lights of the drone will become always lights on after the calibration.

9. GPS star search is successful

After the compass calibration is successful, put the drone back on the horizontal plane. The front white light and back blue light will flash, It means to search for stars, This takes 1-2 minutes. When the remote control gives a long beep and the front and back white and blue lights on the drone change to always lights on again, the star search of the drone is completed, and it can take off after 1-2 minutes.

Display "GPS ON" and "MODE 2" ON LCD screen.



Noted:

1. When flying in GPS mode, make sure that the number of stars searched is more than 10N/S.

2. After the successful star search, wait for 2 minutes before take off.

FLIGHT SAFETY GUIDELINES



+



+



+

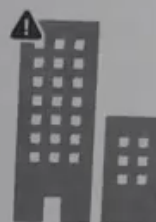


Fly in open areas

Strong GPS signal

Make sure the
drone is in sight

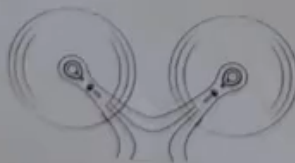
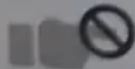
Flying height below
150 meters



Avoid flying over or close to people, trees, high voltage lines, buildings, airports or waters, as well as high strength power lines or base stations, which may affect the drone's built-in positioning system.



Do not fly in severe weather conditions, such as rain, snow, fog and wind speeds in excess of 10m or 22mph.



Stay away from rotating
propellers or motors



NO-Fly Zone

START FLYING



Noted:

1. You can only select one of the remote controls or mobile apps to operate the drone in flight.
2. Please ensure that the drone has no automatic obstacle avoidance function, so when flying in GPS mode, please ensure that the takeoff environment is open.

1. Open the arms of the drone

Take off: After the geomagnetic calibration and successful star search, press the unlock button "START", When the drone starts, push the left joystick upwards, and the drone takes off, or press the rise button directly after unlocking, the aircraft can also take off to a height of 1.5 meters.

Landing: Pull down the left joystick until the drone lands, hold for 3 seconds, then the drone stops, or press the drop button directly for 3 seconds, then the aircraft can land.



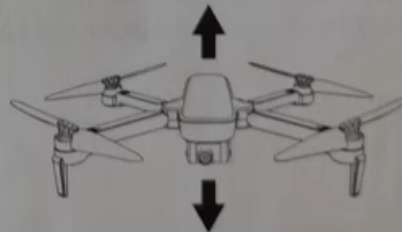
2. Basic Flight:

The left joystick controls flight height and left-right turn direction, and the right joystick controls forward, backward, and left-right sideways fly direction.

Left Joystick

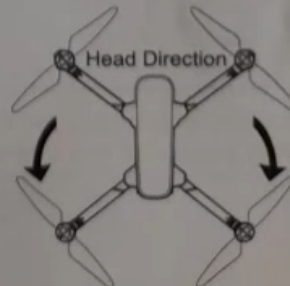
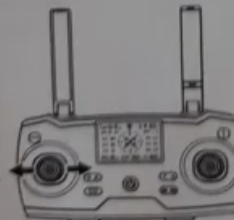
Rising

Falling

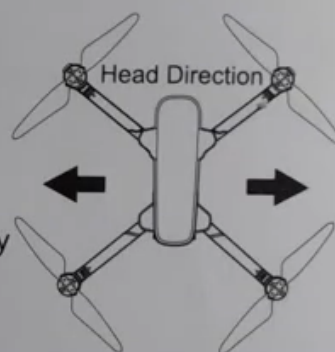
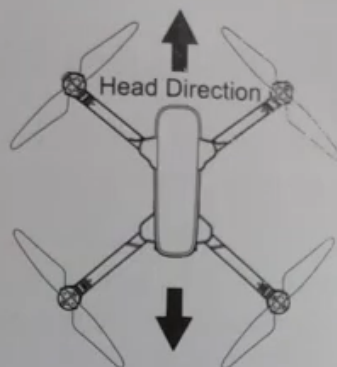
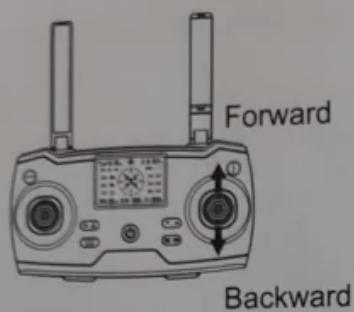


Turn Left

Turn Right

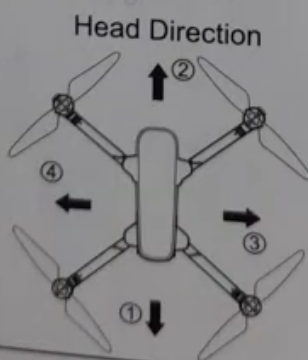
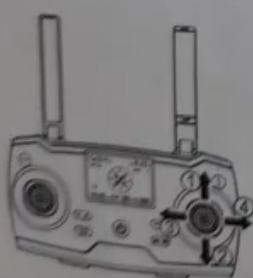


Right Joystick



3. Trimming function

- When the drone is off the ground and in the air, if the drone leans in a certain direction in the air, it can use fine-tuning action.
- Press the right joystick down (right joystick) and then move the right joystick forward, back, left and right to fine-tune the corresponding direction of the aircraft.



1. Offset backward, Trims forward
2. Offset forward and Trims backward
3. Shift to the right, Trim to the left
4. Offset to the left, Trim to the right

⚠ Noted: After pressing the Trimmer key (right joystick), if there is no operation within 3 seconds, the trimmer mode will be automatically reversed.

4. Speed adjustment in third gear

Press the remote to adjust the speed (Left Joystick), Hear the corresponding sound, can achieve 3 speed adjustment.

Di once is Low speed gear
Di Twice is Medium speed gears
Di Three times is High speed gears



5. Headless Mode

After long pressing the headless mode button for 3 seconds, the remote will beep and the blue light (rear) of the drone will flash, The plane went into headless mode.

Headless mode locks the direction of the aircraft when starting headless mode, How the drone turns when it's in headless mode, It maintains the direction of the aircraft when starting headless mode, Press the headless mode key again for 3 seconds to cancel the headless mode.



6. Return

The Return (RTH) function allows the drone to return to its last recorded point of departure.

There are three return modes in GPS mode: Intelligent Auto- return/ Low-Voltage Return/ Losing signal return.

Intelligent Auto- return

Press the "Intelligent auto-return" button, the remote will beep and the white and blue lights on the drone will start flashing. The drone will automatically return to the position of the take-off point. Press the return key again to cancel the return flight and the remote regains to control.



Low-Voltage Return

- When the battery voltage of the drone is too low, it will trigger low power return. The drone will fly back within 20 meters of the pilot, pull down the left joystick and land to safety.
- When the voltage of the aircraft is too low, the remote control will emit a "beep beep" alarm sound, and all the indicators (red, white and blue) of the drone will flash. At the same time, the RX indicated voltage of LCD display is lower than 11V (the low voltage value will be slightly different depending on the use environment).

Losing Signal Return.

During the GPS flight, the drone and the remote are abnormal interrupted. The aircraft starts to turn back out of control and flies back to the take-off point automatically. When the signal returns to normal, it can be reconnected to regain the control of the aircraft and operate the aircraft to land safely.

7. GPS Surrounding Flight

- In GPS Mode, Press the surround key (Figure 1) or click the surround in APP, and the drone will automatically adjust its direction.
- Push the right joystick to the left and forward, and the drone will circle in a counterclockwise direction. (Figure 2)
- Instead, push the right joystick to the right and back, and the DRONE will circle clockwise. (Figure 3)



Figure 1



Figure 2

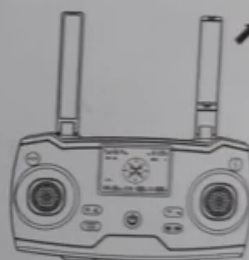


Figure 3

8. Intelligent Follow

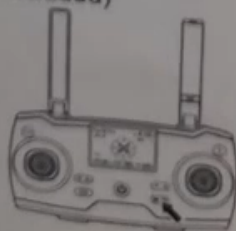
Please refer to the WiFi instruction manual for the intelligent following function.

9. Waypoint flight

Please refer to the WiFi operating manual for the waypoint function.

10. Photo/Video Function

- Press the photo button, and the photo is finished;
- Long press the camera button for 3 seconds to start shooting. Long press the camera button again for 3 seconds to finish shooting;
- You can view photos and videos in the APP, or you can save them on an SD card, (SD Card and Card reader not included)



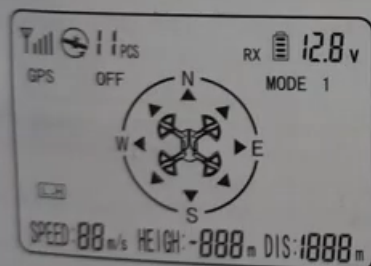
INDOOR/OUTDOOR GPS MODE SWITCH

- The drone provides 2 flight mode: Indoor MODE (LCD displays GPS OFF and MODE 1) and GPS MODE (LCD displays GPS ON and Mode 2) The two modes need to be switched manually.
- The drone takes off in GPS MODE only when both GPS ON and MODE 2 are displayed ON the LCD screen.
- In the indoor and weak GPS signal environment, long press the GPS on key and turn off the GPS mode. The UAV will fly in the indoor mode.
- In indoor mode, the drone will not provide the following functions: Return, follow, circle, waypoint.

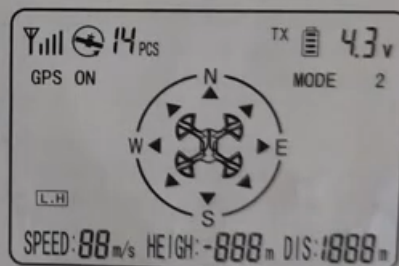
GPS Switching
(3s long press)



Pic.1



Indoor Mode



GPS Mode

FAQ

NO.	Problems	Solution
1	The drone battery is not charging properly	Must be operated using factory-made batteries and USB charging cables.
2	The remote control doesn't work. The lights don't work	The dead battery needs to be replaced.
3	Frequency alignment is not possible or sometimes unavailable	The battery on the remote control of drone has no power or low power. It is necessary to charge the battery of the drone or replace the battery of the remote control.
4	All lights on the drone (red, white and blue) are still flashing after the drone operation is completed	The battery on the drone is low and needs to be taken out to recharge.
5	The phone could not get the WiFi name	Connect after the APP is downloaded again.
6	1.You can get the WiFi name, but APP cannot display the image 2.Cell phone connect slowly	1. Replace the phone and connect after downloading the APP. 2. The plug wire connecting the WiFi board is loose, it needs to be removed and replugged to connect.
7	The phone cannot display images or there are images that cannot be controlled by the phone.	The plug wire connecting the WiFi board is loose, it needs to be removed and replugged to connect.
8	The image shows the delay or cell phone when delay is controlled.	1.The surrounding environment is heavily interfered with by radio waves, so the operation should be conducted in an open area. 2.If WiFi is too hot, turn off the power of the drone for 5-10 minutes before restart.
9	After taking off, the drone fly to one side and became unstable	1. Star search is not normal, And the quantity is less than 10N/S, must select an open area to receive GPS signals More than 10 N/S. 2.Take off 1-2 minutes after GPS star search is completed 3.If the geomagnetism is not calibrated, the geomagnetism should be calibrated according to the steps.
10	Weak signal or REMOTE CONTROL GPS signal alarm.	The environment is complex and you need to choose an open area to control the flight.
11	The return landing distance is far from the take-off point	1.After the GPS signal is received normally, the accuracy of take-off deviation between 2 minutes will be better. 2.Refer to the manual for geomagnetic correction method and recalibrate. 3.Operate the flight into open space.
12	Drones can only fly within 20 meters of each other and cannot fly very far.	The drone's battery is too low and needs to be charged or replaced.
13	It is not normal for the drone to push the throttle or press a button to rise after unlocking.	Reference manual for gyroscope horizontal calibration. The drone should be recalibrated on the horizontal ground.