



# GPS DRONE USER MANUAL



**WARNING:**

- When taking off make sure that the operator is 3 meters away from the drone, and keep far away from any crowds and property.
- The players must operate the drone as required by the instructions. Pay attention to the flight safety and understand the accident liability caused by your own negligence!
- When outdoor before taking off please confirm that the GPS calibration is completed and the GPS signal number is more than 10NS.
- This drone provides two flight modes: indoor mode and GPS mode. Before flying, please select the appropriate mode according to the environment.

Please read this manual carefully before operation and keep it properly for future reference.

1. Surround flight/ GPS on/off (press 3 seconds)
2. Left joystick/ Speeds mode (Press down) (press 3 seconds)/ Return to Home (press 3 seconds)
3. Headless mode (press 3 seconds)
4. Start (unlock)
5. Antenna
6. Compass
7. LCD display (press 3 seconds)
8. Bottom camera
9. Mail HD camera
10. Switch (Depress 3 seconds take off)
11. Power switch (Depress 3 seconds)
12. Holder for phone
13. Camera upward
14. Camera downward

### ACCESSORIES

- Drone x1
- Remote control x1
- USB charging line x1
- WIFI Instruction x1
- Screw Driver x1
- 2 each of L, R

Structure of remote control

1. Surround flight/ GPS on/off (press 3 seconds)
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LCD Display

GPS signal number Direction of drone

Controller voltage drone voltage GPS mode Headless mode

High speed Video taking Mode speed Photo taking Return to home

Speed 88 Altitude 888 Distance 888

1 2 3

Remote control battery installation

Once it happens, please wash your eyes with clean water and seek medical care immediately.

Remove the plug immediately if you sense any peculiar smell, noise or smog.

**Battery charging**

- Please use the charger from the original factory to ensure your safe usage.
- Do not charge dilated or outflow battery.
- Do not overcharge the 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 the battery which has not cooled down yet.
- The charging temperature should be between 0°C to 40°C.
- Rechargeable batteries are to be removed from the product before being charged.
- Exhausted batteries are to be removed from the product.
- Supply terminals are not to be short-circuited.
- The battery charges used with the toy are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage they must not be used until the damage has been repaired.
- Non-rechargeable batteries for remote control are not recharged.

**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.

**PRE-FLIGHT PREPARATION**

1. Unfold the drone
2. Propellers installation
3. Remove the gimbal cover (applicable to gimbal machines)
4. Mobile phone installation method
5. Install APP software and APP operation refer to WIFI INSTRUCTION
6. Pairing controller and drone
7. Gyro calibration
8. Gyro calibration
9. GPS star search successful
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The drone provides two flight modes: indoor mode (LCD screen shows GPS off and mode 1) and GPS mode (LCD screen shows GPS on and mode 2). Before take off, the corresponding flight mode can be selected according to the flight environment.

The drone defaults to the GPS mode. In this mode, the drone can be operated only after the satellite searching (GPS calibration) is completed.

Under indoor and weak GPS signal environment, press the key indoor mode to control the drone.

In the indoor mode, the drone's front lights will turn to solid and the back will keep flashing. The drone will not provide the GPS functions.

Flight mode can only be selected before take-off. After taking off, it cannot be switched.

Indoor mode GPS mode

Fly in open areas Strong GPS Maintain line of sight Fly below 150M

Avoid flying over or near obstacles, crowds, high over voltage power lines, trees, airports or bodies of water. Do not fly near strong electromagnetic sources, such as power lines and base stations, as they may affect the onboard compass.

Do not use the drone in adverse weather conditions, such as rain, snow, fog and wind speeds exceeding 10 m/s or 22mph.

Stay away from the rotating propellers and motors.

No Fly Zone

1. Take off and landing

Take off: After compass calibration and GPS calibration, press the key "start" to unlock the drone and push forward the left joystick to realize drone take-off, or just press one key ascent to fly.

Landing: Pull down left joystick to realize drone descending or depress 3 seconds the one key descend to land the drone.

2. Basic flight

The left joystick controls the flying altitude and direction change and the right joystick is to control the directions flight.

Left Joystick

Turn left Turn Right

Right Joystick

Forward Backward

Left side Right side

3. Set 3 speeds mode

Press down 3 speed mode button (left joystick), you can hear corresponding sounds, the drone is set 3 speed mode.

4. Headless mode

Depress 3 seconds the "headless mode" key, the controller makes sounds DID and back lights on to realize drone take-off, or just press one key ascent to fly.

5. Return to home (RTH)

The return to home (RTH) function brings the drone back to the last recorded home point. There are 3 types of RTH at GPS mode: Smart RTH / Low-battery RTH / Failsafe RTH.

Smart RTH

Press the "Return to home" key, there is a DI sound on the controller and the lights on the drone start to flash. The drone will return to the TAKE OFF point. Press this key again, exit this mode.

Low-battery RTH

Low-battery RTH is triggered when the drone battery level is low. The drone will fly back to where you are about 20 m away. You can still control your drone. Pull the joystick down to land the drone in a safe area.

Failsafe RTH

Drone will enter failsafe RTH mode if the signal of the controller is lost, drop fly back to the record point. Rebind the controller if the drone if drone flies into your view. Pull the joystick down to land the drone in a safe area.

6. GPS surround flight

- All GPS mode press surround flight key (pic.1), the drone locks onto its direction automatically.
- Push the right joystick left front, the drone flies surround counterclockwise. (pic.2)
- Push the right joystick right front, the drone flies surround clockwise. (pic.3)

7. Follow me

Follow the function refer to WIFI INSTRUCTION.

8. Waypoint flight

Waypoint flight function refer to WIFI INSTRUCTION.

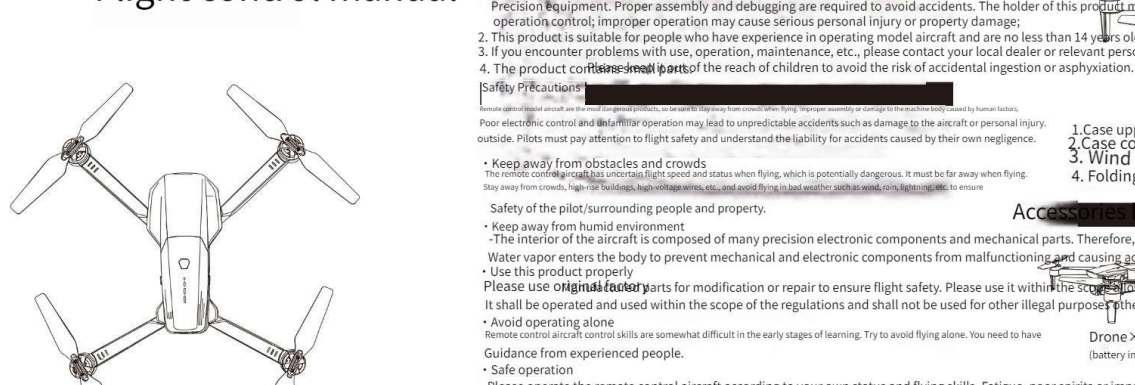
9. Photo/video taking

Press the "Photo" key on controller to take photo.

Depress 3 seconds "video" key on controller to start video taking and depress again to finish photos and videos on APP.

No.	Problems	Solution
1	Fail to charge for drone.	Must use the original battery and usb line.
2	Remote controller is not work/light is not on.	Battery has run out of power/charge new battery.
3	Fail to frequency match/sometimes unable to do frequency match.	Battery of drone or remote controller has run out of power/needs to charge drone battery or change remote controller battery.
4	After frequency match all the lights on drone still flash.	Drone battery has run out of power, take it out and change the battery.
5	Mobile phone can't get WIFI name.	Connect APP after rebooting.
6	1. Get the WIFI name but cannot display image. 2. Slow connection to phone.	1. Replace your phone to download APP and connect it. 2. The plug wire connecting the WIFI board is not connected. 3. Slow connection to phone.
7	Cell phone cannot display images or images display is blurry but cannot operated by mobile phones.	The plug wire connecting the WIFI board is loose needs to take it out and reinserted it to connect.
8	Image display is stuck or mobile phone control is stuck.	Severe wave interference surroundings/move to open wide area.
9	After taking off, drone deviating from course and unstable.	1. Take-off after 1-2 minutes when the GPS satellite search is completed. 2. It needs to be calibrated step by step when geomagnetic calibration has not been done. 3. The gyroscope needs to be calibrated before taking off.
10	GPS signal is weak or controller's GPS signal alarm.	Complete surrounding environment/move to open wide area.
11	Drone is too far away from the take off place.	1. Take-off after 1-2 minutes when the GPS satellite search is completed. 2. Reference compass calibration in manual and recalibration. 3. Operate the drone in an open place.
12	Drone can only fly in the range of 20 meters.	Drone is in low battery/needs to recharge or replace the battery.
13	After unlocking, push throttle or press one key ascend, the drone is not normally work.	Reference Gyro calibration in manual and recalibration.
14	The drone does not respond to press the start key.	Need to choose indoor / outdoor mode correctly.

# GPS Drone Flight control manual



**important hint:**

- When taking off the drone, please 3 meters away from the aircraft and stay away from people and property when flying outdoors. Pilots must pay attention to flight safety and understand the liability for accidents caused by their own negligence.
- Responsible for accidents caused by accident!
- When taking off, please select the appropriate flight mode according to the flight environment.

Please read the instructions carefully before flying and keep them in a safe place for future reference.

Names of various parts of the remote control

1. Orbital flight/ GPS switch (press and hold for 3 seconds)
2. Throttle (left) joystick/ Three speed switching (press down)
3. Headless mode (press and hold for 3 seconds)/ Return (lock)
4. Start (unlock)
5. Antenna
6. Compass
7. LCD display
8. Direction (right) joystick
9. One click to lock/ Descend (press and hold for 3 seconds)
10. Power switch (Press and hold for 3 seconds to turn off)
11. Mobile phone clip
12. Camera upgrade
13. Camera downward
14. Camera downward

LCD display

GPS on/off

Controller voltage drone voltage GPS mode Headless mode

High speed Video taking Mode speed Photo taking Return to home

Speed 88 Altitude 888 Distance 888

1 2 3

Remote control battery installation

Open the battery cover and follow the electro-instruction (insert 3 AA batteries correctly). (Battery needs to be purchased separately).

**Note 1:**

1. When the remote controller makes a beeping sound, and the LCD screen RX indicates that the voltage is lower than 3.3V. (The low voltage value will be slightly different depending on the use environment).
2. When charging, the battery indicator light flashes. After full charging, all lights will be on. After fully charging, the battery needs to be disconnected from the power source. Charging time is approximately 2.5 hours.
3. After finishing the flight, disconnect the battery from the drone.

**Note 2:**

1. When the aircraft voltage is low, the remote controller makes a beeping sound, and the LCD screen RX indicates that the voltage is lower than 3.3V. (The low voltage value will be slightly different depending on the use environment).
2. When charging, the battery indicator light flashes. After full charging, all lights will be on. After fully charging, the battery needs to be disconnected from the power source. Charging time is approximately 2.5 hours.
3. After finishing the flight, disconnect the battery from the drone.

**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.

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This device consists of electronic components and batteries. Regarding electronic and electrical waste, please refer to the local disposal requirement.

**Preparation before flight**

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The indicator light flashes and the compass can be calibrated.

Status, this process takes 1.2 minutes. When the remote control emits a long beep and the front and rear lights on the drone return to normal. Finally, the drone's star search is completed, and after 1-2 minutes, it can take off. The LCD screen displays "GPS star search successful" and "MODE 2".

**Note:**

1. When the star search is successful, wait 2 minutes for takeoff, and the return effect will be more accurate.
2. After the star search is successful, wait 2 minutes for takeoff, and the return effect will be more accurate.

**Mode selection**

The drone provides indoor mode (LCD screen displays GPS OFF and MODE1) and GPS mode (LCD screen displays GPS ON and MODE2). Before taking off, you can select the corresponding flight mode according to the flight environment.

The drone defaults to the indoor GPS mode. In this mode, the satellite search needs to be completed and the remote control has a long "beep" sound, then press Start.

After pressing the key, you can control the drone.

Indoor and in environments with weak GPS signals, press the indoor mode button to start the drone to control the drone.

In indoor mode, after successful linking, the front light of the drone will turn on and the rear light will keep flashing.

In indoor mode, the drone will not provide the following functions: return, follow, orbit, and pointing flight.

The flight mode can only be selected before taking off. After the drone takes off, it cannot be switched.

Indoor mode GPS mode

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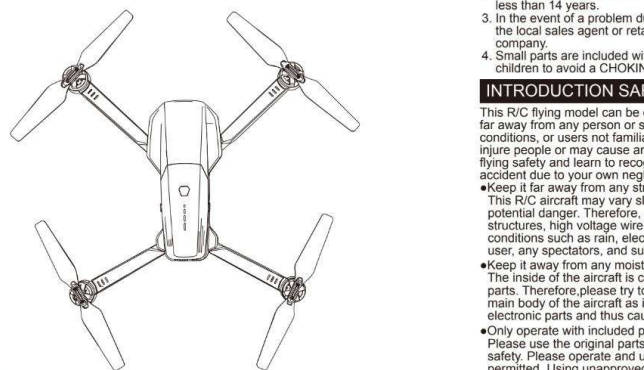
In indoor mode, the drone will not provide the following functions: return, follow, orbit, and pointing flight.

The flight mode can only be selected before taking off. After the drone takes off, it cannot be switched.

Indoor mode GPS mode



# GPS DRONE USER MANUAL



- WARNING:**
- When taking off make sure that the operator is 3 meters away from the drone, and keep far away from any crowds and property.
  - The players must operate the drone as required by the instructions. Pay attention to the flight safety and understand the accident liability caused by your own negligence!
  - When outdoor before taking off please confirm that the GPS calibration is completed and the GPS signal number is more than 10NS.
  - This drone provides two flight modes: indoor mode and GPS mode. Before flying, please select the appropriate mode according to the environment.

Please read this manual carefully before operation and keep it properly for future reference.

## KNOW YOUR Drone

1. Drone top cover
2. Drone bottom cover
3. Propeller
4. Arms
5. Motor
6. Lithium battery
7. Legs
8. Bottom camera
9. Main HD camera
10. Switch (Depress 3 seconds take off)

## INTRODUCTION SAFETY PRECAUTIONS

This RC flying model can be dangerous when in use. Please make sure you keep it far away from any person or spectators when flying. In correct installation, poor conditions, or use of old and new batteries together, it may cause personal injury or property damage. Please pay close attention to flying safety and learn to recognize more dangerous conditions which may cause an accident due to your own negligence.

Keep it away from any structures or crowds. The RC aircraft may vibrate slightly in speed or sensitivity while flying and can cause potential danger. Therefore, please keep it far away from crowds, buildings, trees, structures, high voltage wire, etc. Please avoid flying in adverse weather conditions such as rain, electrical storms, and high winds to ensure safety of the user, any spectators, and surrounding property.

Keep it away from any moist environment. The inside of the aircraft is composed of many precision electronic and mechanical parts. Therefore, please try to avoid any moisture or water content from entering the main body of the aircraft as it may cause a breakdown of the mechanical and electronic parts and thus cause an accident.

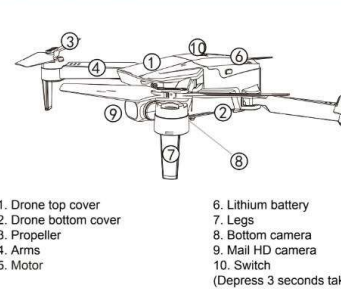
Only operate with included parts for intended use. Please use the original parts for any re-equipping or maintenance to ensure flight safety. Please operate and use only under the scope of the product function permitted. Using unapproved parts or accessories may cause the drone to fly illegally or use beyond the scope of which your local laws and regulations have stipulated.

Avoid controlling it independently. New users may have certain difficulties during the early stages of learning to operate this aircraft. Please try to avoid operating the aircraft alone. When available, always operate this aircraft under the guidance of a more experienced user.

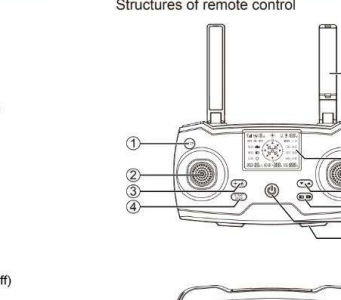
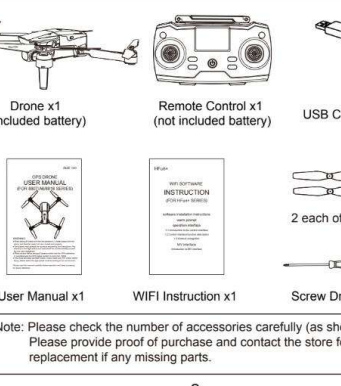
Do not operate under the influence of alcohol or drugs. Please operate this RC aircraft according to your own state and flying skills. Any fatigue, bad mental state, or incorrect operation may increase the probability of accidental risk.

Please keep a safe distance from aircraft when using top take off. When the drone is flying please keep the drone far from the operator and any surrounding persons or objects so as not to cause danger or damage.

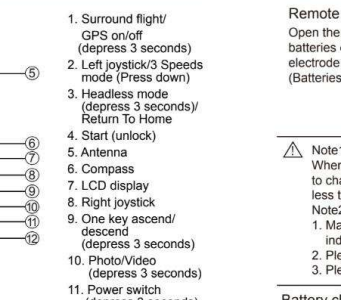
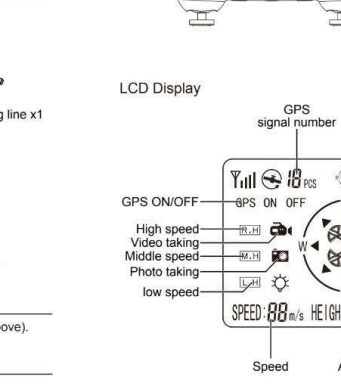
Store it in a cool dry place. The RC aircraft is composed of material such as metal, fiber, plastic, electronics, etc. Therefore, please keep it away from heat source and avoid prolonged exposure to direct sunlight. Excessive heat exposure can cause distortion and damage.



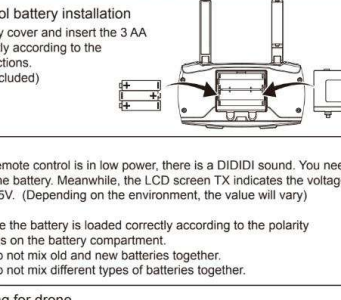
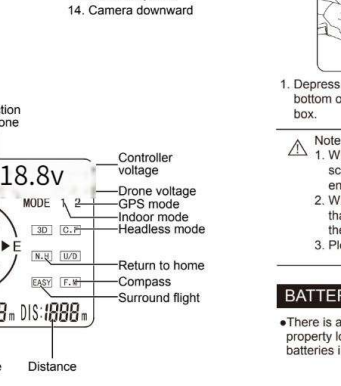
## ACCESSORIES



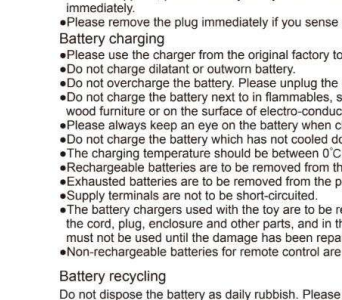
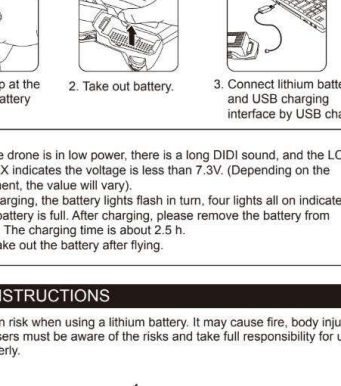
## LCD Display



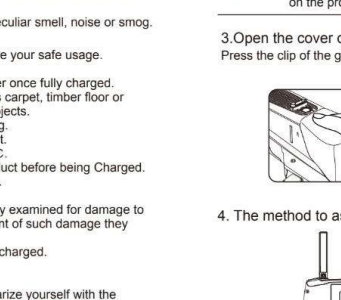
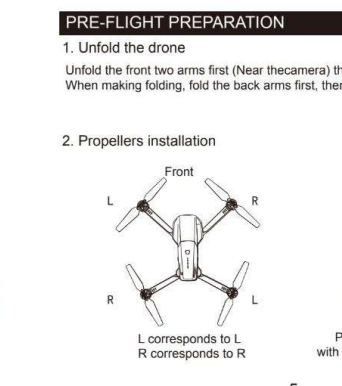
## Battery charging for drone



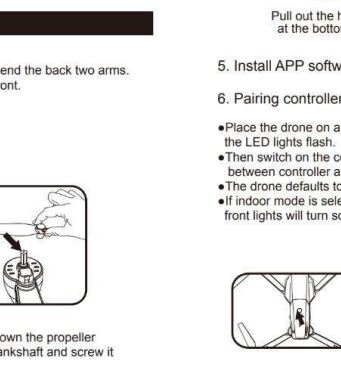
## BATTERY INSTRUCTIONS



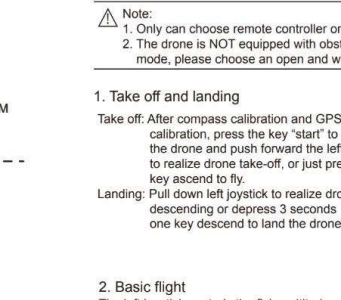
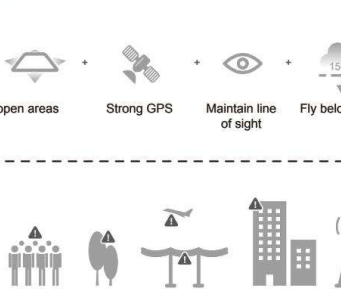
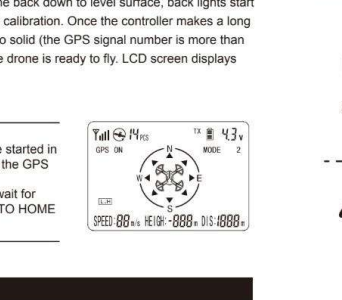
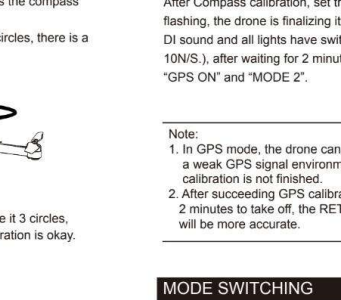
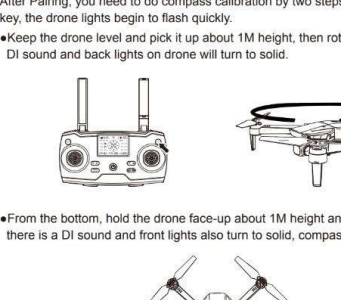
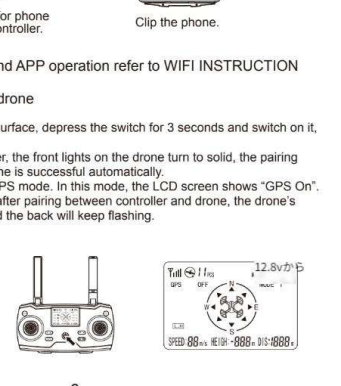
## 8. Gyro calibration



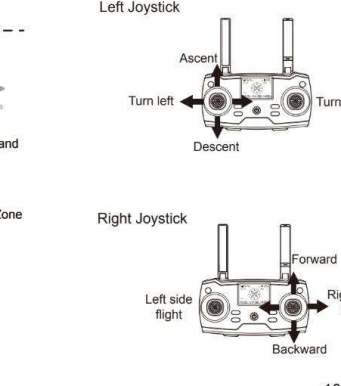
## MODE SWITCHING



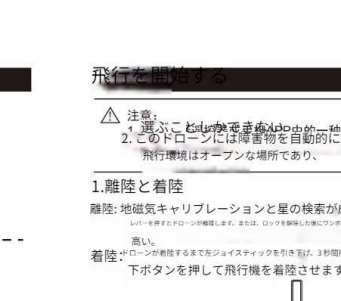
## 5. Install APP software and APP operation refer to WIFI INSTRUCTION



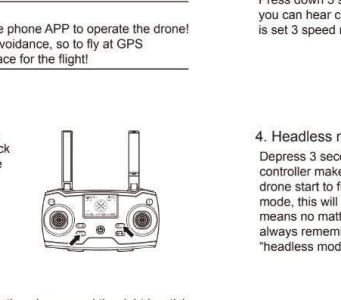
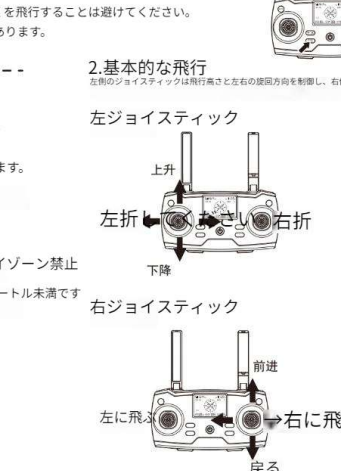
## 5. Return to home (RTH)



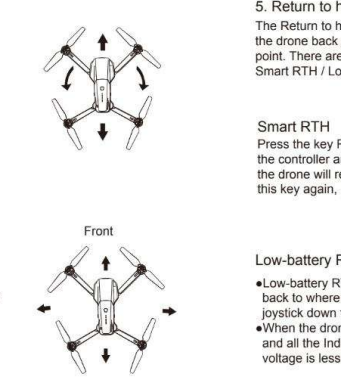
## Smart RTH



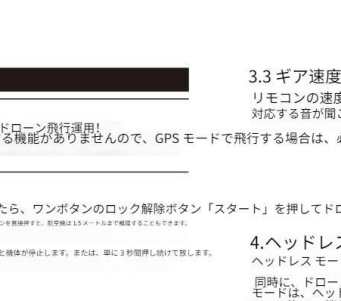
## Low-battery RTH



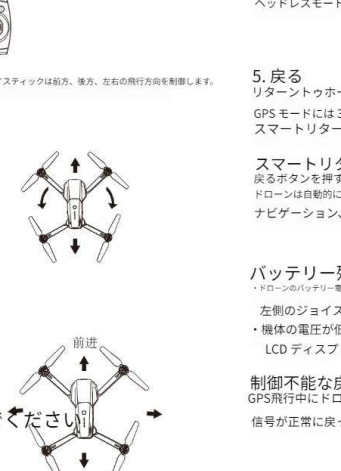
## 4. Headless mode



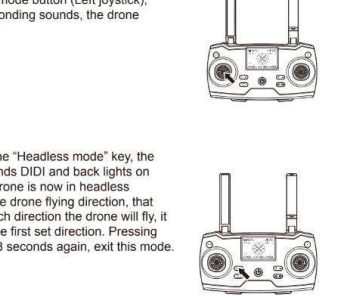
## 7. Follow me



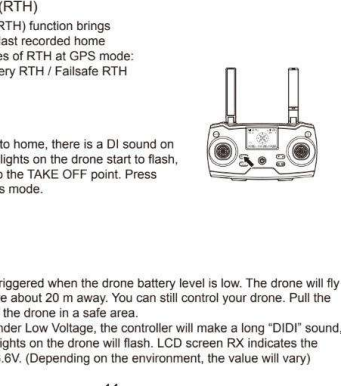
## 8. Way point flight



## 9. Photo/video taking



## 6. GPS surround flight



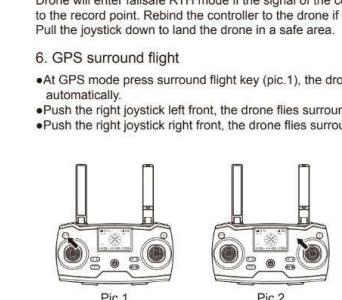
## 7. Follow me



## 8. Way point flight



## 9. Photo/video taking



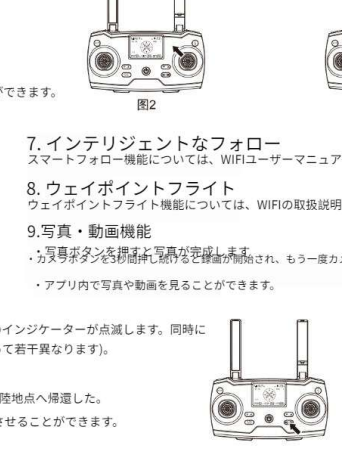
## 6. GPS surround flight



## 7. Follow me



## 8. Way point flight

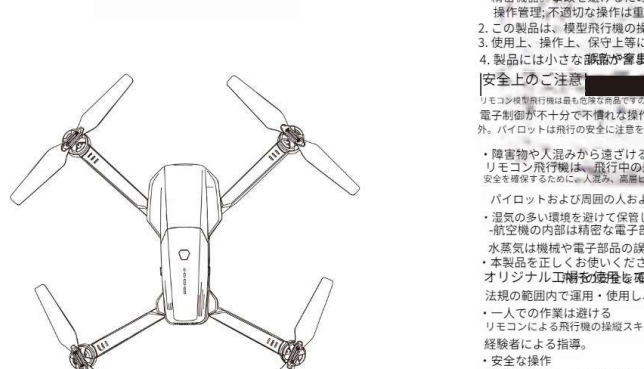


## 9. Photo/video taking



No.	Problems	Solution
1	Fail to charge for drone.	Must use the original battery and usb line.
2	Battery on controller is not work/light is not on.	Battery has run out of power/charge new battery.
3	Fail to do frequency match/sometimes unable to do frequency match.	Battery of drone or remote controller has run out of power/need to charge drone battery or change remote controller battery.
4	After frequency match all the lights on drone still flash.	Drone battery has run out of power, take it out and change the battery.
5	Mobile phone can't get WIFI name.	Connect APP after rebooting.
6	1. Get the WIFI name but cannot display image. 2. Slow connection to phone.	1. Replace your phone to download APP and connect it. 2. The plug wire connecting the WIFI board is loose needs to take it out and reinserted it to connect.
7	Cell phone cannot display images or images display but cannot operated by mobile phones.	The plug wire connecting the WIFI board is loose needs to take it out and reinserted it to connect.
8	Image display is stuck or mobile phone control is stuck.	Severe wave interference surroundings/move to open wide area.
9	After taking off, drone deviating from course and unstable.	1. Take-off after 1-2 minutes when the GPS satellite search is completed. 2. It needs to be calibrated step by step when geomagnetic calibration has not been done. 3. The gyroscope needs to be calibrated before taking off.
10	GPS signal is weak or controller's GPS signal alarm.	Complete surrounding environment/move to open wide area.
11	Drone is too far away from the take off place.	1. After received the GPS signal, wait for 2 minutes then fly. 2. Reference compass calibration in manual and recalibration. 3. Operate the drone in an open place.
12	Drone can only fly in the range of 20 meters.	Drone is in low battery/need to recharge or replace the battery.
13	After unlocking, push throttle or press one key around, the drone is not normally work.	Reference Gyro calibration in manual and recalibration.
14	The drone does not respond to press the start key.	Need to choose indoor / outdoor mode correctly.

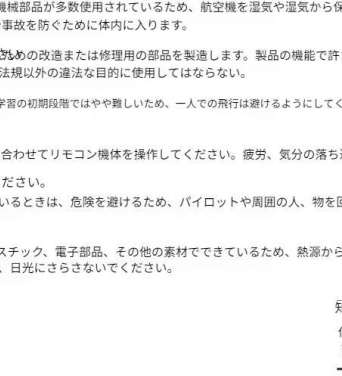
# GPSドローン 飛行制御マニュアル



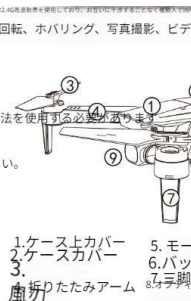
- 重要なヒント:**
- ドローンを飛ばす前には必ず飛行制御マニュアルをよく読んでください。将来参照できるように安全な場所に保管してください。
  - ドローンを飛ばす前には必ず飛行制御マニュアルをよく読んでください。将来参照できるように安全な場所に保管してください。
  - ドローンを飛ばす前には必ず飛行制御マニュアルをよく読んでください。将来参照できるように安全な場所に保管してください。

本ドローンは、中国民用航空局の規定に基づき、本ドローン消費者は本ドローンを登録することが義務付けられています。登録後、ドローンを飛ばす際には、必ず飛行制御マニュアルをよく読んでください。将来参照できるように安全な場所に保管してください。

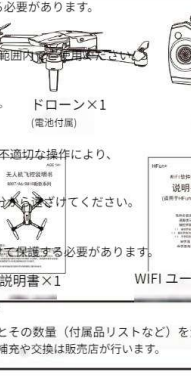
## ドローン各部の名称



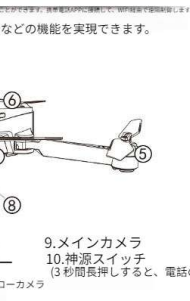
## バッテリーの取り付け



## 液晶ディスプレイ



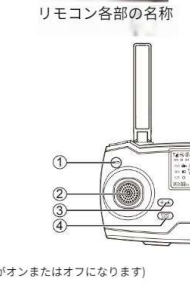
## 充電



## 本体バッテリーの充電



## リモコンについて



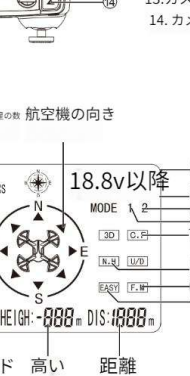
## 液晶ディスプレイ



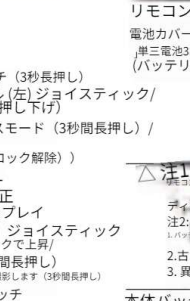
## 3. ジンバルカバーを取り外します



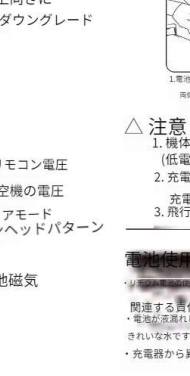
## 4. 携帯電話の設置方法



## 5. APP ソフトウェアのインストールと APP 制御については、WIFI ユーザーマニュアルを参照してください。



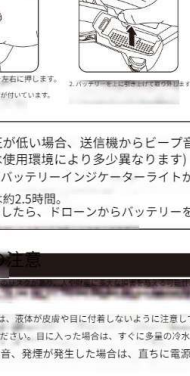
## 6. リモコンをドローンにリンクする



## 7. 地磁気 (コンパス) 校正



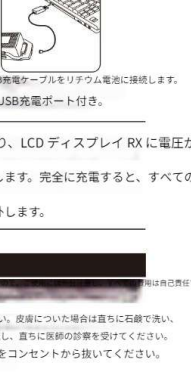
## 8. ジョイスティックの校正



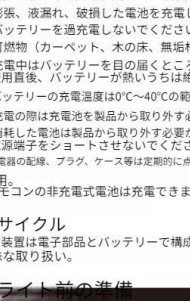
## 9. GPS スターサーチ成功



## モードの切り替え



## 1. ドローンを展開する



## 2. ファンブレードを取り付けます



## △注意:

1. 本体の電圧が低い場合、送信機からビープ音が鳴り、LCDディスプレイに電圧が7.3V未満であることを表示します。充電時間は約2時間です。

2. 充電中は、バッテリー充電インジケータライトが点滅します。完全に充電すると、すべてのライトが点滅します。充電が完了したら、ドローンからバッテリーを取り外します。

## △注意:

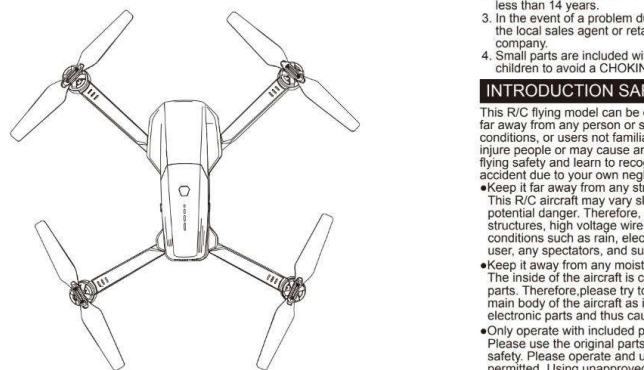
1. 本体の電圧が低い場合、送信機からビープ音が鳴り、LCDディスプレイに電圧が7.3V未満であることを表示します。充電時間は約2時間です。

2. 充電中は、バッテリー充電インジケータライトが点滅します。完全に充電すると、すべてのライトが点滅します。充電が完了したら、ドローンからバッテリーを取り外します。

## △注意:



# GPS DRONE USER MANUAL

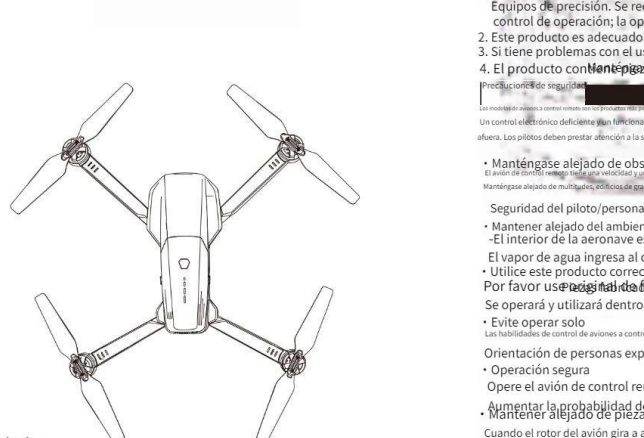


**WARNING:**

- When taking off make sure that the operator is 3 meters away from the drone, and keep far away from any crowds and property.
- The players must operate the drone as required by the instructions. Pay attention to the flight safety and understand the accident liability caused by your own negligence!
- When outdoor before taking off please confirm that the GPS calibration is completed and the GPS signal number is more than 10NS.
- This drone provides two flight modes: indoor mode and GPS mode, before flying, please select the appropriate mode according to the environment.

Please read this manual carefully before operation and keep it properly for future reference.

# Dron GPS manual de control de vuelo



**Lista importante:**

- Al despegar el dron, presione el botón de desbloqueo de la batería y asegure los aviones a la vista.
- Responsible de accidentes causados por accidente!
- Este dron ofrece dos modos de vuelo: modo interior y modo de vuelo GPS. Los dos modos deben cambiarse manualmente.
- Antes de despegar, seleccione el modo de vuelo apropiado según el entorno de vuelo.
- Lea atentamente las instrucciones antes de volar y guárdelas en un lugar seguro para consultarlas en el futuro.

### KNOW YOUR Drone

1. Drone top cover
2. Drone bottom cover
3. Propeller
4. Motor
5. Motor
6. Lithium battery
7. Legs
8. Bottom camera
9. Main HD camera
10. Switch (Depress 3 seconds take off)

### ACCESSORIES

1. Drone x1 (Included battery)
2. Remote Control x1 (not included battery)
3. USB Charging line x1

User Manual x1  
WiFi Instruction x1  
Screw Driver x1

Note: 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.

### KNOW YOUR REMOTE CONTROL

#### Structures of remote control

1. Surround flight/ GPS on/off (Depress 3 seconds)
2. Left Joystick/ Speeds mode (Press down)
3. Headless mode (Depress 3 seconds)/ Return To Home (Start/unlock)
4. Start (unlock)
5. Antenna
6. Compass
7. LCD display
8. Right joystick
9. One key ascend/ descend (Depress 3 seconds)
10. Photo/Video (Depress 3 seconds)
11. Power switch (Depress 3 seconds)
12. Holder for phone
13. Camera upward
14. Camera downward

#### LCD Display

1. GPS signal number
2. Direction of drone
3. Voltage

#### Controller

1. Drone voltage
2. Drone voltage
3. GPS mode
4. Headless mode
5. Return to home
6. Surround flight
7. Speed
8. Altitude
9. Distance
10. Low speed

#### User Manual x1

Note: 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.

### LITHIUM BATTERY INSTRUCTION

#### Remote control battery installation

1. Open the battery cover and insert the 3 AA batteries correctly according to the electrode instructions. (Batteries not included)
2. Make sure the battery is inserted correctly according to the polarity indications on the battery compartment.
3. Please do not mix different types of batteries together.

#### Battery charging for drone

1. Depress the clip at the bottom of the battery box.
2. Take out battery.
3. Connect lithium battery and USB charging interface by USB charger.

#### BATTERY INSTRUCTIONS

- There is a certain risk when using a lithium battery. It may cause fire, body injury or property loss. Users must be aware of the risks and take full responsibility for using batteries improperly.

### 7. Compass (magnetometer) calibration

Note: When installing or dismantling the propeller, please do not exert force on the propeller to avoid distortion.

#### 3. Open the cover of gimbal (for drone with gimbal)

#### 4. The method to assemble clip on phone

#### 5. Install APP software and APP operation refer to WIFI INSTRUCTION

#### 6. Pairing controller and drone

#### 7. Compass calibration

1. From the bottom, hold the drone face-up about 1M height and rotate it 3 circles. There is a D sound and front lights also turn to solid, compass calibration is okay.
2. Gyro calibration
3. Gyro calibration can be applied to ensure drone fly vertically. Push the two joysticks to the right corner at the same time. When there are sounds of DI on controller and the lights on the drone quickly flash, then gyro calibration was successful. Drone must be placed on a level surface and remain stationary while calibrating.

### 9. GPS calibration ( Satellite searching)

Note: In GPS mode, the drone can not be started in a weak GPS signal environment or the GPS calibration is not finished.

#### 3. Set 3 speeds mode

Note: Only can choose remote controller or mobile phone APP to operate the drone! The drone is NOT equipped with obstacle avoidance, so to fly at GPS mode, please choose an open and wide space for the flight!

#### 4. Headless mode

#### 5. Return to home (RTH)

#### 6. Failsafe RTH

#### 7. Follow me

#### 8. Photo/video taking

#### 9. Low-battery RTH

### FLY SAFE

### START YOUR FLIGHT

#### 1. Take off and landing

#### 2. Basic flight

#### 3. Return to home (RTH)

#### 4. Smart RTH

#### 5. Low-battery RTH

### PROBLEM & SOLUTION

No.	Problems	Solution
1	Fail to charge for drone.	Must use the original battery and usb line.
2	Remote controller is not work/light is not on.	Battery has run out of power/charge new battery.
3	Fail to do frequency match/sometimes unable to do frequency match.	Battery of drone or remote controller has run out of power/needs to charge drone battery or change remote controller battery.
4	After frequency match all the lights on drone still flash.	Drone battery has run out of power, take it out and change the battery.
5	Mobile phone can't get WIFI name.	Connect APP after rebooting.
6	1. Get the WIFI name but cannot display image. 2. Slow connection to phone.	1. Replace your phone to download APP and connect it. 2. Plug wire connecting the WIFI board is loose needs to take it out and reinserted it to connect.
7	Cell phone cannot display images on image display but cannot operated by mobile phones.	The plug wire connecting the WIFI board is loose needs to take it out and reinserted it to connect.
8	Image display is stuck or mobile phone control is stuck.	Severe wave interference surroundings/move to open wide area.
9	After taking off, drone deviating from course and unstable.	1. Take-off after 1-2 minutes when the GPS satellite search is completed. 2. RTH needs to be calibrated step by step when geomagnetic calibration has not been done. 3. The gyroscope needs to be calibrated before taking off.
10	GPS signal is weak or controller's GPS signal alarm.	Complex surrounding environment/move to open wide area.
11	Drone is too far away from the take off place.	1. After received the GPS signal, wait for 2 minutes then fly. 2. Reference compass calibration in manual and recalibration. 3. Operate the drone in an open place.
12	Drone can only fly in the range of 20 meters.	Drone is in low battery/needs to recharge or replace the battery.
13	After unlocking, push throttle or press one key around, the drone is not normally work.	Reference Gyro calibration in manual and recalibration.
14	The drone does not respond to press the start key.	Need to choose indoor / outdoor mode correctly.

### Conozca su dron

#### Nombre de varias partes del control remoto.

1. Vuelo orbital/ cambio de tres velocidades
2. Palanca de control del acelerador (izquierda)
3. Modo sin cabeza (mantenga presionado durante 3 segundos)
4. Devolver (desbloqueo)
5. Antena
6. Pantalla LCD
8. Joystick de dirección (derecha)
9. Una clic para subir
10. Botón (mantenga presionado durante 3 segundos)
11. Interruptor de encendido
12. Clip para teléfono móvil
13. Cámara hacia arriba
14. Degradación de la cámara

#### Lista de partes de la aeronave

1. Cubierta superior de la caja
2. Cubierta de la caja
3. Pala de viento
4. Brazo plegable
5. Motores
6. Batería
7. Cámara principal
8. Cambio Shenyuan
9. Cámara principal
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### Método de instalación de la batería del control remoto

Abra la tapa de la batería y siga las instrucciones del electrodo. (Inserte 3 pilas AA correctamente. (La batería debe comprarse por separado))

#### Nota 1:

1. Cuando el voltaje de la aeronave es bajo, el control remoto emite un pitido y la pantalla LCD muestra "Desde 1.8V". El tiempo de carga es de aproximadamente 2,5 horas. Después de la carga completa, desconecte la batería de la fuente de alimentación.
2. Durante la carga, la luz indicadora de la batería parpadeará. Después de la carga completa, todas las luces se apagaron.
3. Una vez finalizado el vuelo, desconecte la batería del dron.

#### Preparación de la batería del cuerpo

1. Despliegue el dron
2. Instale las aspas del ventilador.

### 7. Calibración geomagnética (brújula)

La luz indicadora parpadea y la brújula se puede calibrar:

Brillante:

1. Retire la cubierta del cardán (aplicable a máquinas con cardán)
2. Método de instalación del teléfono móvil
3. Consulte el manual del usuario de WIFI1 para la instalación del software de la aplicación y el control de la aplicación
4. Método de instalación del teléfono móvil
5. Consulte el manual del usuario de WIFI1 para la instalación del software de la aplicación y el control de la aplicación
6. Vuelva el control remoto al dron
7. Calibración del giroscopio

### 9. Búsqueda de estrellas por GPS exitosa

Estado, este proceso tarda entre 1 y 2 minutos. Cuando el control remoto emite un pitido largo y las luces delanteras y traseras del dron vuelven a la normalidad Finalmente, la búsqueda de estrellas del dron se completa y, después de 1 o 2 minutos, puede despegar.

#### Nota:

Si la búsqueda de estrellas no es exitosa, espere 2 minutos para despegar y el efecto de retorno será más preciso.

#### Selección de modo de vuelo

Este dron proporciona modo interior (la pantalla LCD muestra GPS y MODE1) y modo GPS (la pantalla LCD muestra GPS y MODE2) Antes de despegar, puede seleccionar el modo de vuelo correspondiente según el entorno de vuelo.

#### 8. Calibración del giroscopio

Calibración completa: Ajustar el interruptor de calibración, luego espere que el dron estabilice en un estado horizontal (modo interior).

### 3.3 ajuste de velocidad de marcha

Presione el botón de ajuste de velocidad en el control remoto (joystick izquierdo) Cuando escuche el sonido correspondiente, se pueden lograr ajustes de velocidad.

#### 2. Despegue y aterrizaje

Después de la calibración geomagnética y la búsqueda exitosa de estrellas, presione el botón de desbloqueo de un botón "Iniciar" para iniciar el dron, presione el control izquierdo hacia arriba para aterrizar el avión.

#### 4. modo sin cabeza

Al mismo tiempo, la luz trasera del dron parpadeará y el avión entrará en modo sin cabeza. Sin cabeza El modo sin cabeza está activado. Después del modo, no importa cómo gire el avión, seguirá girando hacia atrás, hacia la izquierda y hacia la derecha. La dirección de la aeronave cuando se mueve en modo sin cabeza, no depende de la tecla del modo sin cabeza nuevamente durante 3 segundos. Cancele el modo sin cabeza.

#### 5. Regreso

Hay tres métodos de devolución en modo GPS: Retorno inteligente/retorno de batería/baja/retorno de contacto perdido

#### 6. Vuelo en órbita GPS

#### 7. Seguimiento inteligente

#### 8. Vuelo de waypoint

#### 9. Función de foto/video

#### Retorno de batería baja

#### Regreso de vuelo

### 6. Vuelo en órbita GPS Figura 1Figura 2Figura 3Figura 4Figura 5Figura 6Figura 7Figura 8Figura 9Figura 10Figura 11Figura 12Figura 13Figura 14Figura 15

### Solución de problemas

No.	Problemas	Solución
1	El dron no puede despegar.	Verifique la batería con baterías frescas/provea de batería y cable de carga USB.
2	La batería está agotada y necesita ser reemplazada.	Reemplazela con una batería nueva.
3	El dron no puede aterrizar.	Revisar la batería del avión o reemplazar la batería del control remoto.
4	El dron no puede despegar.	Revisar la batería del avión o reemplazar la batería del control remoto.
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