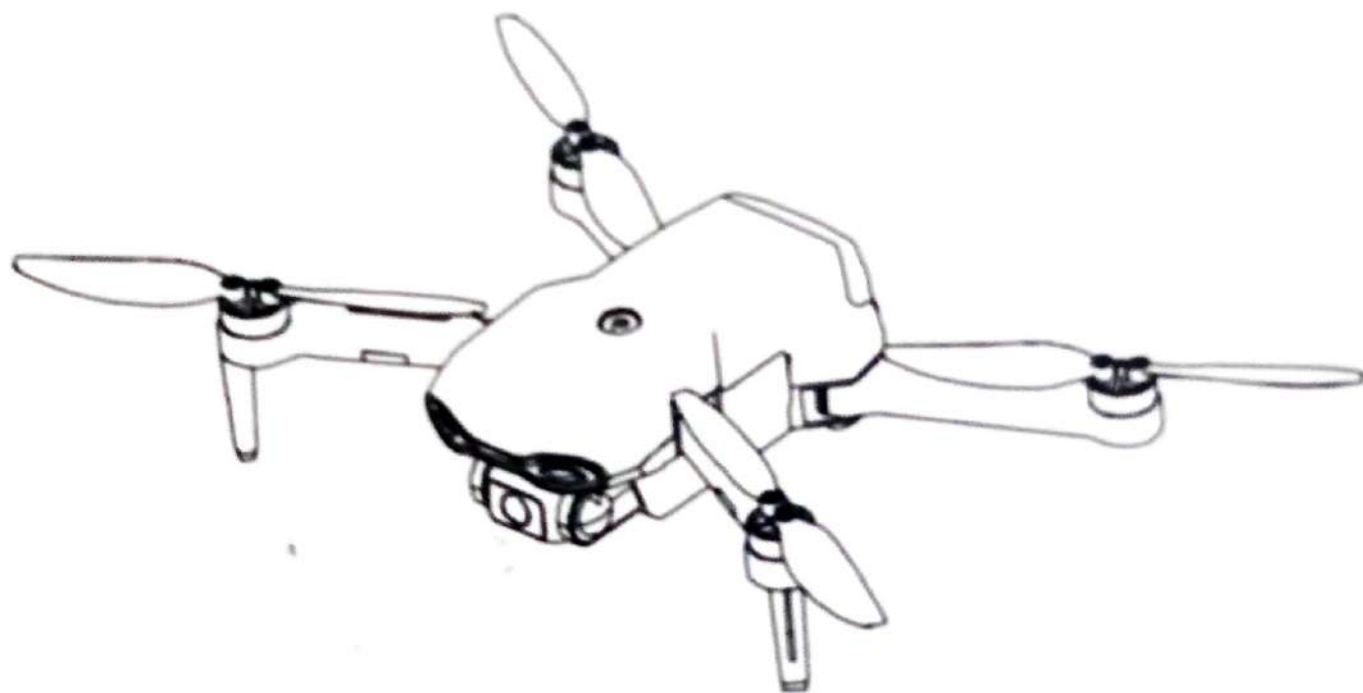


14+

USER MANUAL

Please read the manual carefully before flight and keep it for future reference.

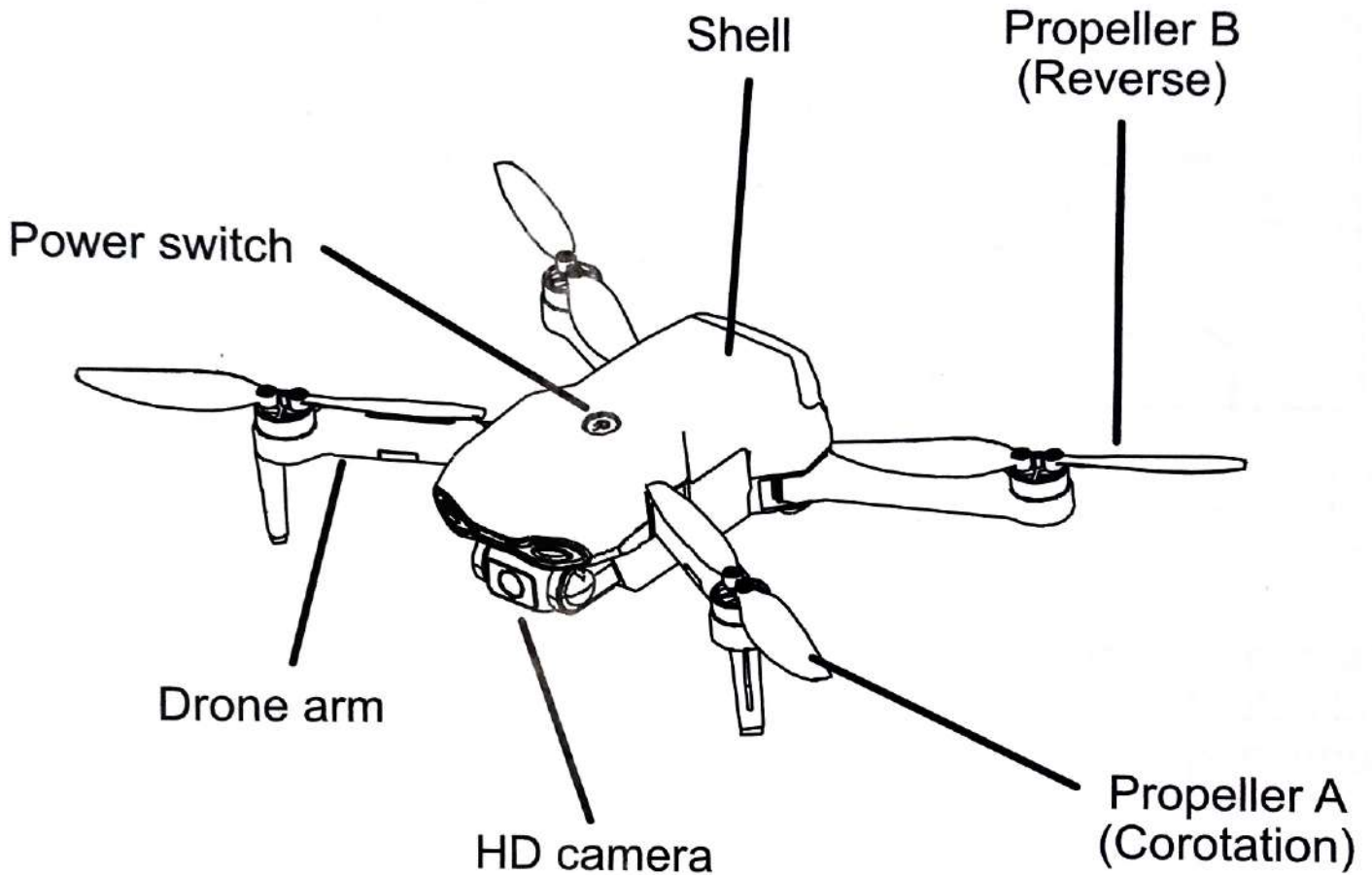


Please read all instructions and warnings carefully before operating. There is important information contained in this package and instruction manual, please keep it for future reference.

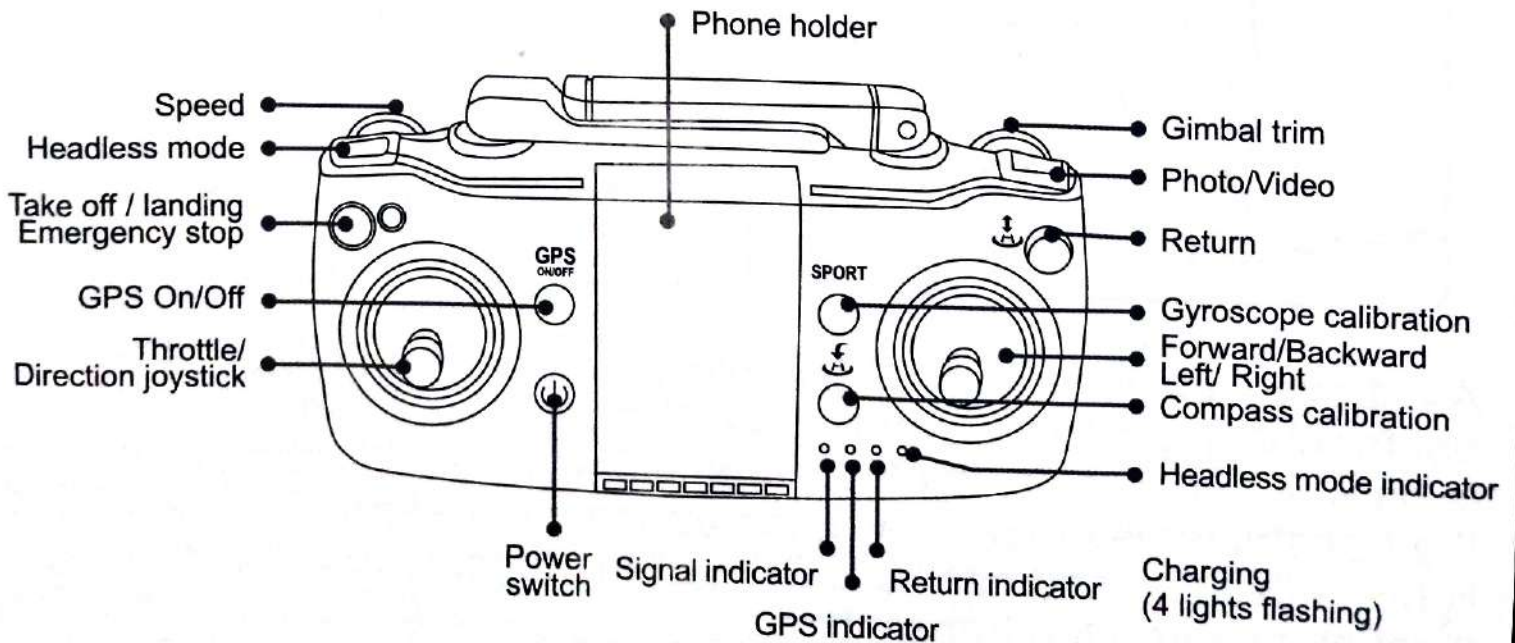
FOR ENSURE SAFETY, PLEASE TAKE OUT THE BATTERY FROM DRONE WHEN NOT IN USE.

PRODUCT DESCRIPTION

AIRCRAFT DESCRIPTION

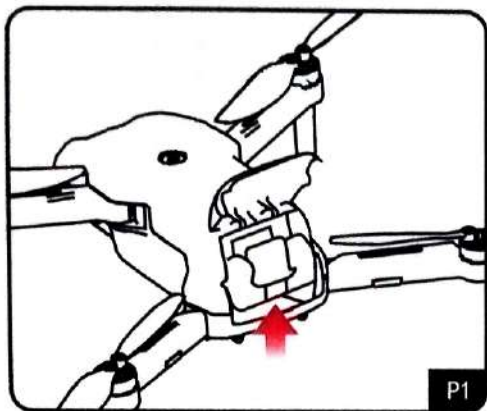


TRANSMITTER DESCRIPTION

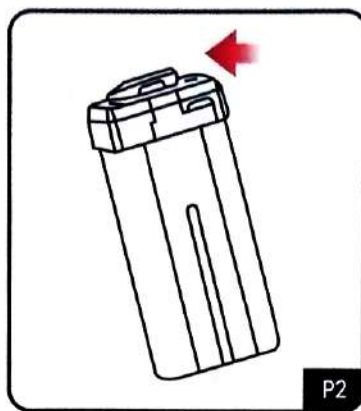


CHARGING DESCRIPTION

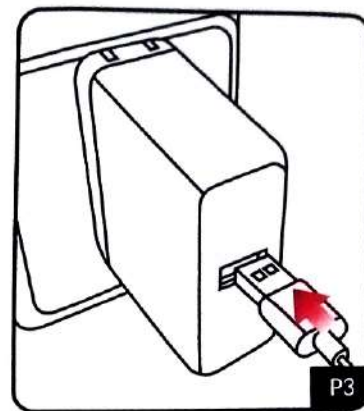
CHARGE THE BATTERY



1. Press the buckle and Pull out the Battery from the drone. (P1)



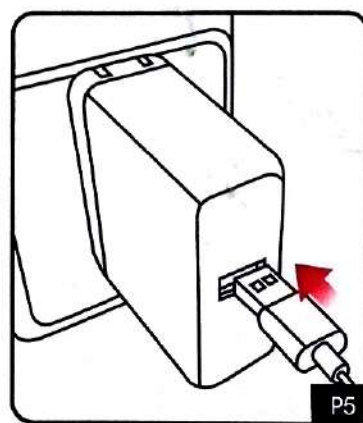
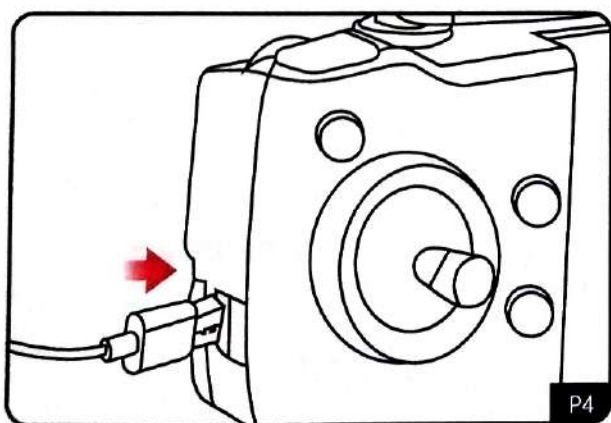
2. Charge must be only use factory USB cable. (P2)



3. Plug in power adapter. (P3)
(OUT: 5v2-3A)

As above step, insert the USB cable in adapter for chagre, The red indicator light is on in charging, red light is on when charge complete, charging time is 1.5-2hours.

CHARGE THE TRANSMITTER



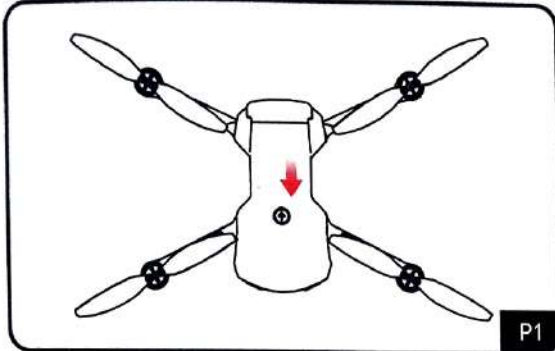
4. Charge must be only use factory USB cable. (P4)

5. Plug in power adapter. (P5)

As above step, insert the USB cable in adapter / computer USB pot for chagre, the indicator lights is flahing in charging, and lights is on when charge complete. Charging time about 70mins. When the transmitter is in low power, the transmitter red power indicator lights is flashing and has "DiDiDi" warning tone., you need to stop flight and charge the transmitter.

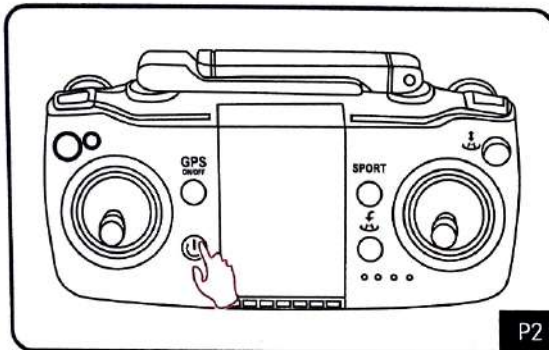
OPERATION

PREPARING OF TAKE OFF



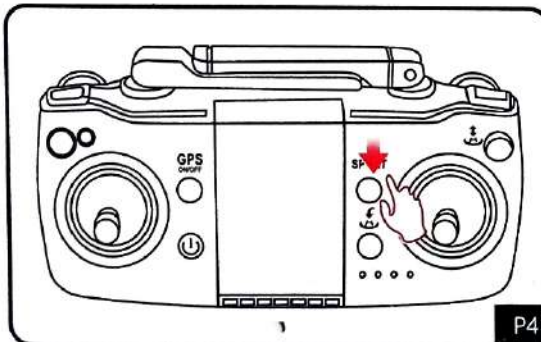
1. Extend the drone arms

Press the drone power switch till hear motor buzzing sound (3-5 seconds) , all of the drone light is on, and put the drone on level surface.



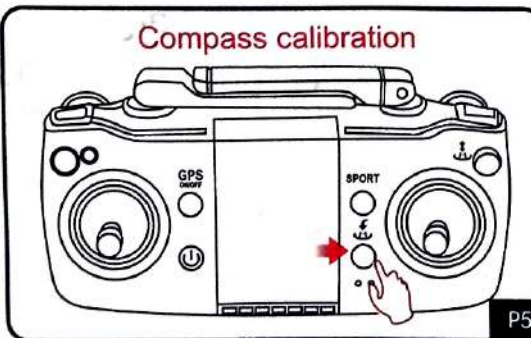
2. Turn on the transmitter

Push the left joystick up then down to pair with the drone, the transmitter 4 indicator lights turn to 1 indicator light is on , pairing successfully. When the drone rear arm indicator lights is flashing slowly, it means the drone in searching the GPS signal.

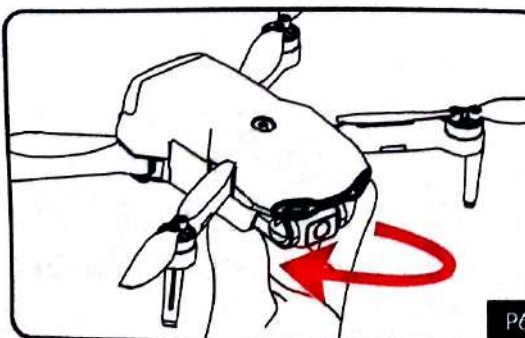


3. Compass Calibration/ Gyroscope Calibration

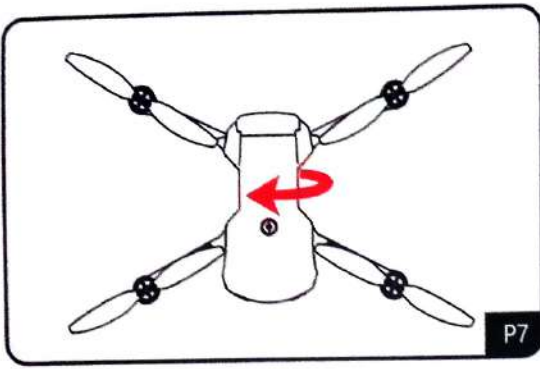
Put the drone on a level surface, wait the drone self-check till the front arm indicator light is on, press and hold (3seconds) the calibration button till hear the transmitter warning tone "Di-". The front and rear arm indicator lights quick flashing turn to front arm indicator lights is on, means calibration done.



4. Hold the calibration button for 3 seconds till hear DiDi sound, enter compass calibration mode. (The front light is flashing, and rear light is on.)



5. Keep the drone level, and clockwise rotation till front light from flashing to blue light is on (P6), and hear the transmitter Di sound warning to do next action.

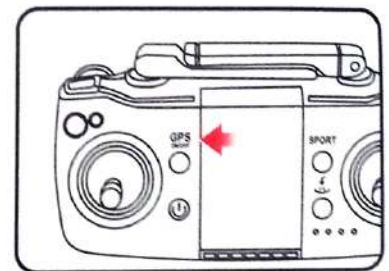


6. Hold the drone vertically and camera is facing to the ground, clockwise rotation till hear the transmitter warning tone "DiDi", and rear arm indicator light is on when calibration done. Put the drone on out door level surface for search GPS signal (P7), rear arm indicator light keep on shortly turn to flashing slowly during searching. When the drone GPS signal search done, rear arm red indicator light is on, the transmitter warning tone "Di--" and GPS signal indicator light is on

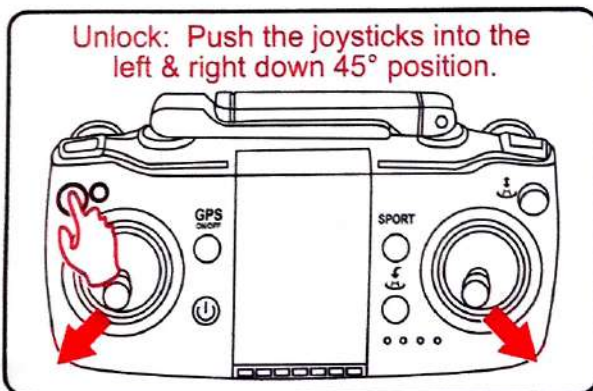
GPS POSITIONING

1. After pairing successfully, the drone need under free interference and no occlusion wait 1-3mins, the drone rear arm red indicator light is on, means GPS signal search completed.

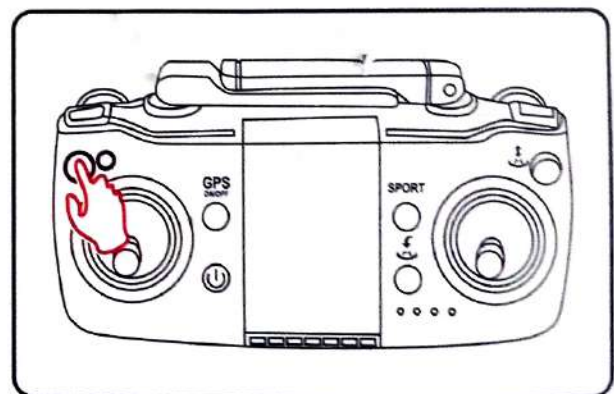
2. When the drone bottom indicator light flashing, means signal interference around should change place. (The defaults is GPS mode, if to play indoor please long press the GPS button to switch to indoor mode)



ONE KEY TAKE OFF LANDING/ EMERGENCY STOP



Press to take off/ landing



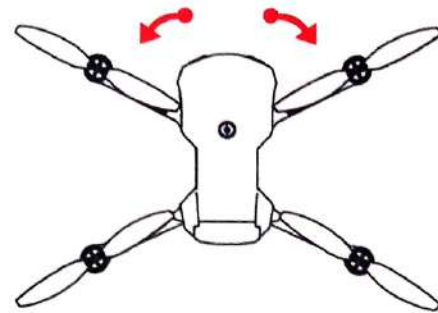
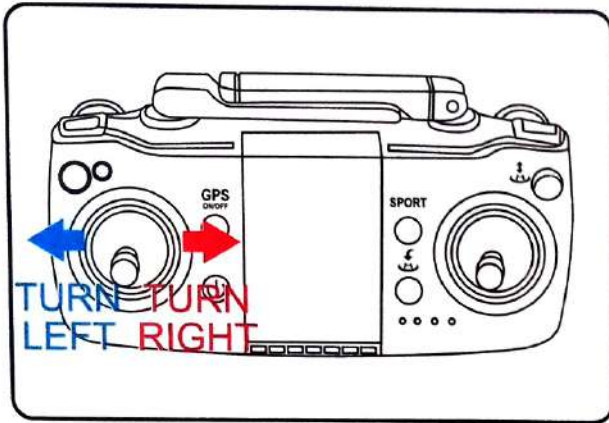
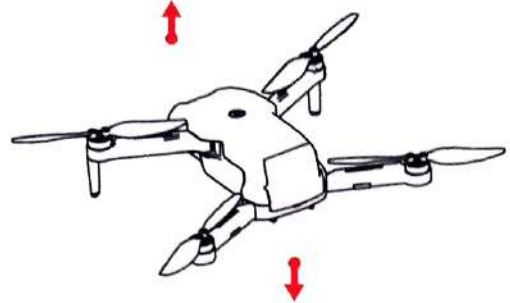
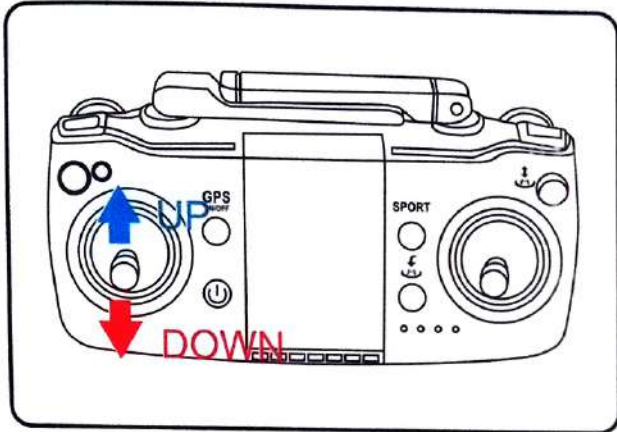
Hold the button for 3 seconds for emergency stop

1. Press to take off/ landing

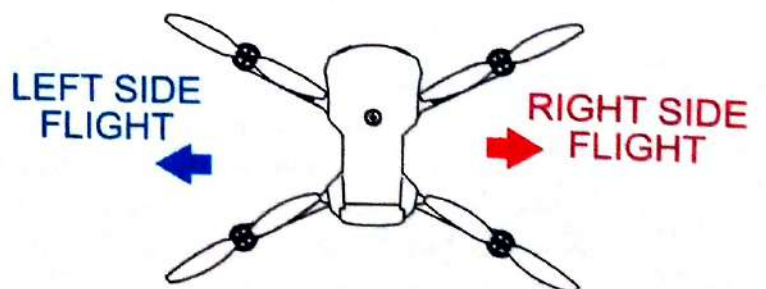
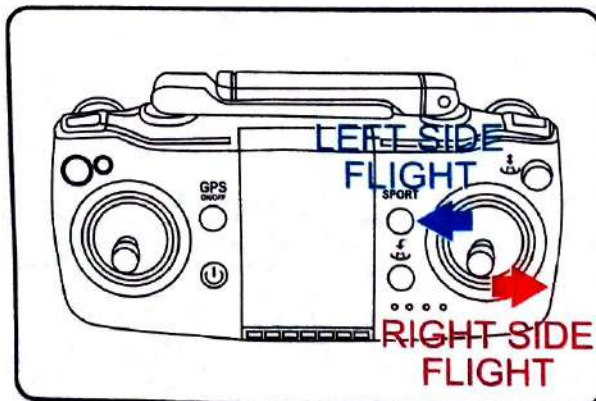
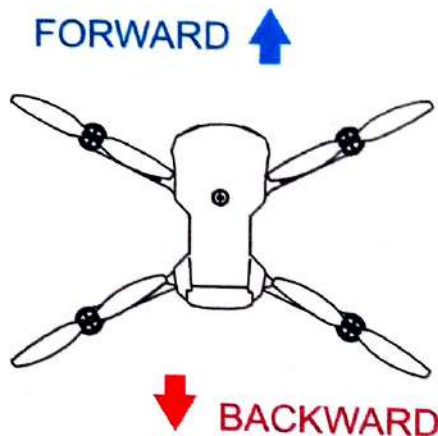
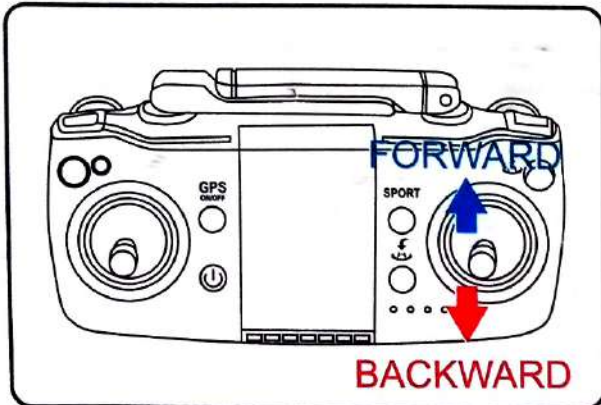
Unlock the drone (as unlock pic) and push Throttle joystick to landing, Or press the take off/ landing button directly in drone locked. press and hold (3 seconds) the emergency stop button for stop flight when the drone out of control or any emergency issue.

JOYSTICK DESCRIPTION

1. Left joystick - Throttle joystick (control flight height and turning direction)

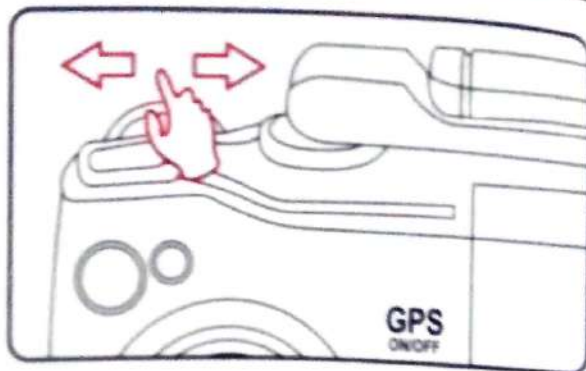


2. Right joystick - Direction joystick (control forward/backward and left/right side flight)



SPEED

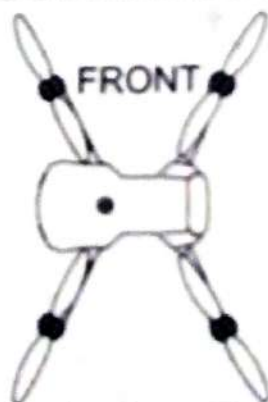
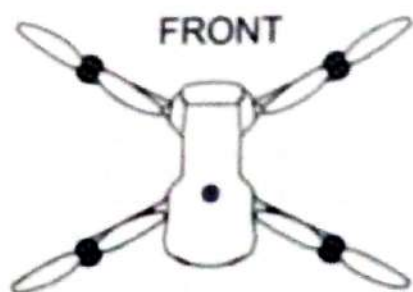
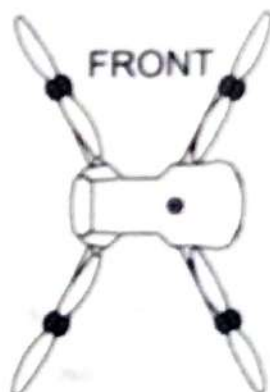
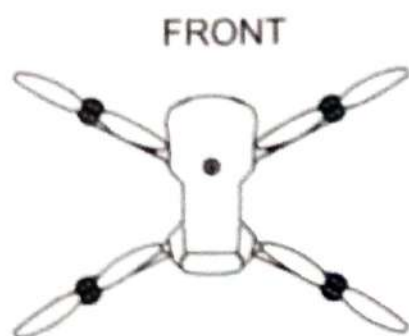
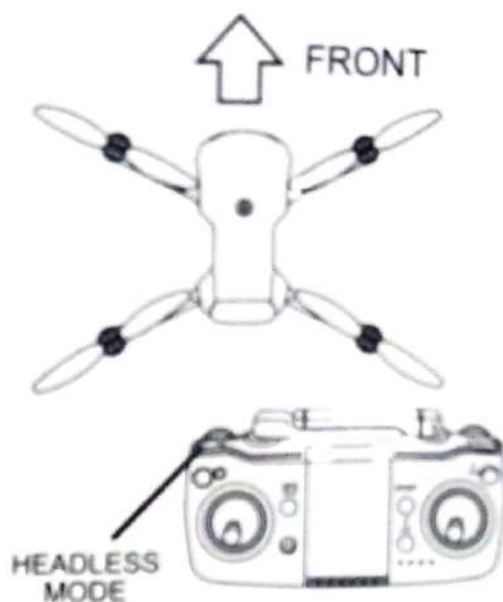
Turn the speed wheel to control flight speed. (Sound "Di" is slow speed. Sound "DiDi" is high speed. The default mode is slow speed.)



HEADLESS MODE

1. press and hold the headless mode button (Transmitter sound "Di") enter headless mode, the direction of control when the drone is paired.

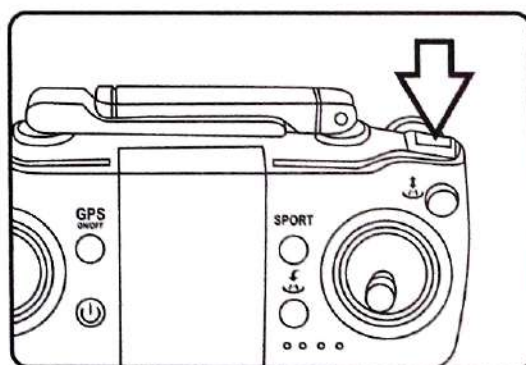
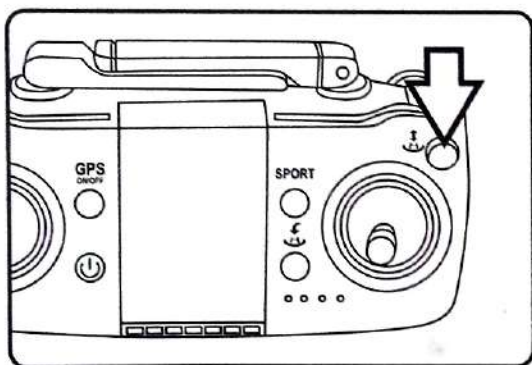
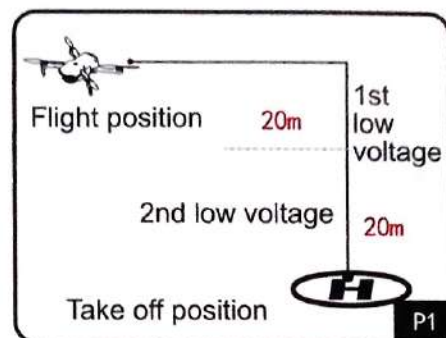
2. press and hold and hold the headless mode button again (Transmitter sound "Di") exit headless mode.



As picture shown, the direction of control when the drone is paired. Under Headless Mode, the forward direction is the direction the pilot faces where the pilot pairs the drone with the transmitter. It is very important that the pilot does not change positions or the direction he or she is facing because this will cause confusion on the drone.



ONE-KEY RETURN

- ① Active return: Press one-key return button (transmitter warning sound "DiDi"), the drone will auto return to take off position and landing. Warning sound will automatically stop in 10 seconds
- ② Auto return: When the drone in 1st low voltage, drone arms light flashing, return to take off position and hover in 20m height, can be flight 2-4mins. When the drone in 2nd low voltage, or not in take off position, the drone will auto return to take off position and landing, stop working.
- ③ The drone will return if turn off the transmitter during flight.



Photo/Video

PHOTO/VIDEO

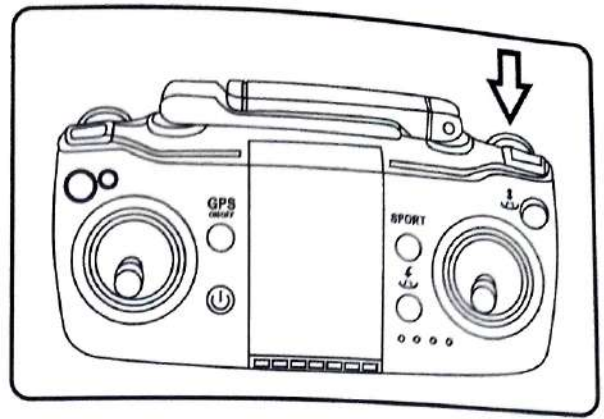
1. Press the  button, or click the APP page Camera button to take photo.
2. Press the  video button, or click the APP page Video button to take video, press again to stop and save video in phone.

NOTE

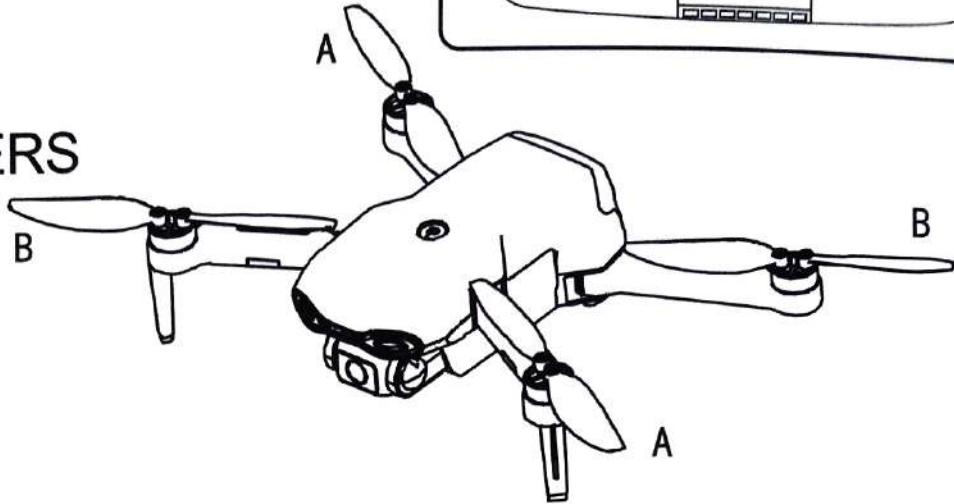
When the drone connected with phone, the taken photo and video will save in phone.

GIMBAL CONTROL

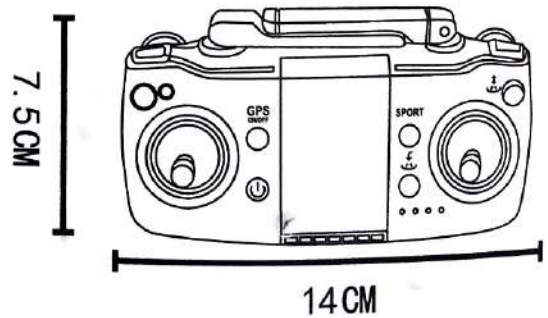
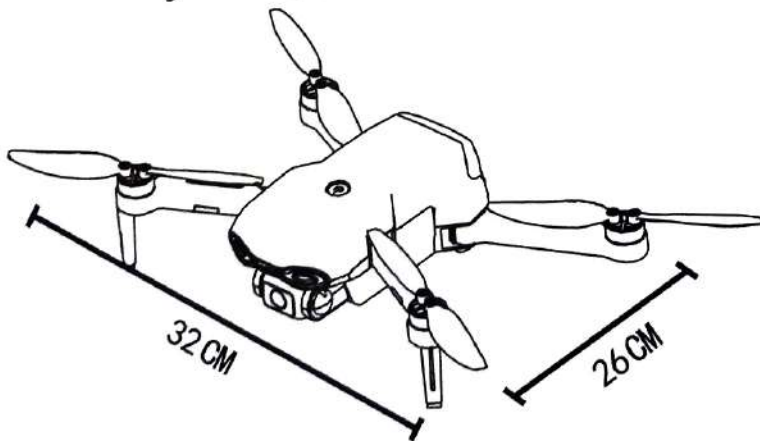
Turn the trim wheel to adjust the lens angle.



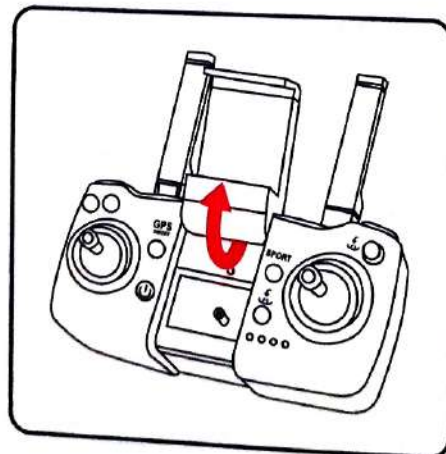
REPLACE PROPELLERS



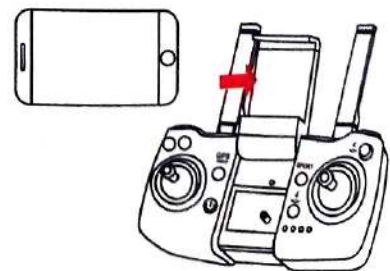
If need to replace propellers please pay attention to the A/B mark and check position according to above picture. Must be only use factory screws, or leads to security risks.



**INSTALL
PHONE**



1. Extend the holder in transmitter.



2. Install phone in transmitter.

SPECIFICATIONS

DIAGONAL AXIS: 320*260 mm

BATTERY CAPACITY: Transmitter Battery: Lipo/3.7V/300mAh/1.295wh
Drone battery: Lipo/2S/7.4V/2200mAh/16.28wh

CHARGING TIME: Transmitter: About 70mins Drone: About 120mins

SYSTEMS: iOS 6.0 or later version Android 5.0 or later version

FLIGHT TIME: 25-30 min

**DRONE WEIGHT:
(INCLUDE BATTERY)** < 249g

FRAME RATE: 25 frame

WIFI FREQUENCY: 5G

OPERATING FREQUENCY: 2.4GHz

CONTROL DISTANCE: 1200m/second
(Outdoor unobstructed area, depend on conditions and mobile device)

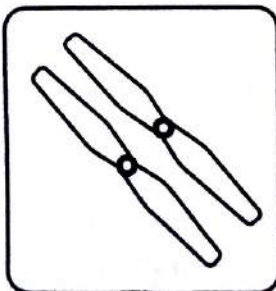
CONTROL DISTANCE: 1200m/second
(Outdoor unobstructed area, depend on conditions and mobile device)

MAX FLIGHT SPEED: 7m/second
(under windless)

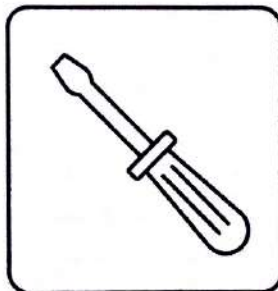
MAX ASCENDING VELOCITY: 7m/second
(under windless)

MAX ESCENDING SPEED: 2m/second
(under windless)

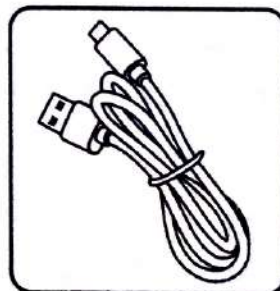
PARTS LIST (INCLUDED)



Propeller A/B



Screwdriver



USB charging
cable



Instructions

FLY SAFETY

It is recommended to fly under the following conditions:



Avoid flying over or near obstacles, crowds, high voltage power lines, trees, airport or bodies of water.
Do not fly near strong electromagnetic sources such as power lines and base stations as it 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 22 mph.



Stay away from the rotating propellers and motors.



No fly zone



It's important to understand basic flight guidelines, for the safety of both you and those around you. Don't forget to read the safety guidelines before flight.

WARNING

In order to make sure that it meets the requirement of the electromagnetic environment of the aviation radio station, flying within the scope of 10 kilometers on each side by taking the airport runway center line as the middle line is **HIGHLY FORBIDDEN** or flying within the scope of 20 kilometers by taking both ends of the runway as the center is **HIGHLY FORBIDDEN**. Flying on the route of the airline is also **PROHIBITED**. Stop using all kinds of flying models or unmanned Quad-rotors in the AREA that prohibited by related authority or department of our country.

IMPORTANT NOTICES AND SAFETY GUIDELINES

In order to make it easier and more convenient for you to use this drone, please read this manual carefully before operating, and please keep this manual in a safe place for future reference for adjustment and maintenance.

IMPORTANT STATEMENT

1. In order to protect your legitimate interest, please read all instructions, disclaimer and warnings carefully before operating.
2. Children ages 14 and up should use this product under the guidance of an adult. This product is **FORBIDDEN** to be used by children under 14 years old.
3. Once you start using this product, means you shall be deemed to have read, understood, approved and accepted all terms and contents of this product's instructions, disclaimers, and safety instructions.
4. The user should operate and control this product in a safe manner, Please make sure strictly observe and execute all terms and contents of this product during operation. In case of incorrect operation or force majeure, it may cause serious injury, damage property, or legal dispute. The user shall bear all of the relevant responsibilities and losses.
5. Our company and distributors won't be responsible for any incorrect operation, which may cause loss or damage or injury to the body.

SAFETY PRECAUTIONS

1. This product is suitable for people who have experience in operating model drones and are not less than 14 years old.
2. When the drone rotor is rotating at high speed, please keep the pilot, surrounding people and objects away from the rotating parts to avoid danger and damage.
3. When flying, you must stay away from crowds, high-rise buildings, high-voltage power lines, etc.
4. When flying, you must stay away from fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.

5. Please stay away from all kinds of manned aircraft.
6. Please also avoid flying in adverse weather conditions such as rain, electrical storms.
7. This product without waterproof protection, please don't play near water area or raining day.
8. Please keep 10 meters safe distance from people or animal during operating.
9. Please keep the drone in operator's visual range at all times.
10. Please do not hover the drone or fly over above crowd for prank.
11. Please do not play the drone near places where children play.
12. Playing on the road or near high traffic areas is strictly forbidden so as not to cause an accident.
13. Please do not press emergency stop button during flying if non-emergency.
14. Do not operate under the influence of drugs or alcohol. Please operate this R/C drone according to your own state and flying skill. Any fatigue, bad mental state, or incorrect operation may increase the probability of accidental risk.
15. Please check this product before each use, including but not limited to the firmness of the parts, the cracks and wear of the body and the propeller, the battery power, the validity of the indicator light, etc. When an abnormality is found, stop using it immediately and replace the corresponding accessories.
16. Please do not start propeller working or flight if the drone abnormal state, or will make accident.
17. Please do not attempt to prevent any moving parts when the product working.
18. Please do not disassemble or re-equip the aircraft as it may cause a breakdown of the aircraft during flying.
19. Please do not play the drone near or in no-fly zone.
20. This product is composed of material such as metal, fiber, plastic, electronics, etc. Please keep it away from any heat source and avoid prolonged exposure to direct sunlight. Excessive heat exposure can cause distortion and damage.
21. Please correctly assemble and use this product as shown on the instruction manual or packing instruction.
22. Please use our original parts for modification or maintenance to ensure the safety of flight.
23. Please make sure the player read and understood all terms of this manual if lend it to others.
24. Do not mix the Li-ion battery with a different type of battery.
25. Please do not use the battery if it swell, leakage or.
26. Do not place the batteries near the high temperature or heated area (such as near the fire or near the electric heating device).
27. Please do not use not the original factory usb cable, or damaged usb cable for charge.
28. Please keep the safe distance from the high-speed rotating rotor so as not to cause twisted or danger of being wounded or being cut.
29. Please do not close this product to your ear as it may cause injury to your hearing.
30. The drone should be kept far away from any other electric compliance or equipment as far as possible or kept far away from the place where having the magnetic object nearby as they may cause interference with each other.
31. Please do not make it short-circuited or squeeze the battery so as not to cause an explosion.
32. Engine will heat up. Please do not touch it to avoid being burned or injured.



NOTES ON CHARGING

1. There are certain risks in using lithium batteries, it may cause major losses to people and property. Please use with caution and bear all related responsibilities.
2. If the battery leaks, please avoid liquid contact with skin and eyes. If touch the skin, please wash it off with soap and water immediately. In case of contact with eyes, immediately rinse the well with plenty of water and seek medical attention immediately.
3. If the charger emits suspicious smell, noise or smoke, please unplug it immediately.

CHARGING INSTRUCTIONS

1. Please do not use not the original factory USB cable, or damaged USB cable for charge.
2. Please do not charge the battery of it is swollen, leaked or damaged.
3. Please do not overcharge the battery, and make sure unplug the charger when fully charged.
4. Please do not charge on surfaces close to flammable (such as carpets, wooden floors, solid wood furniture, etc.) , or conductive objects. keep the charging battery in sight.
5. Please do not charge the battery immediately when the battery is dissipating, it needs 10-15 minutes to wait for the battery to cool down.
6. The battery charging temperature should be between 0C and 40°C.

RECYCLE

This device consists of electronic components and batteries. Regarding electronic waste, please follow the local waste disposal requirements for special treatment.

APP operation manual

1. Install APP in Your Mobile Phone

2. Please scan the below QR code to download APP according to your phone system (Searching the HF GPS in your APP store)

3. First Interface

After starting your device, please check whether the hotspot called "HF_GPS*****" No password.

4. Description of the interface operation



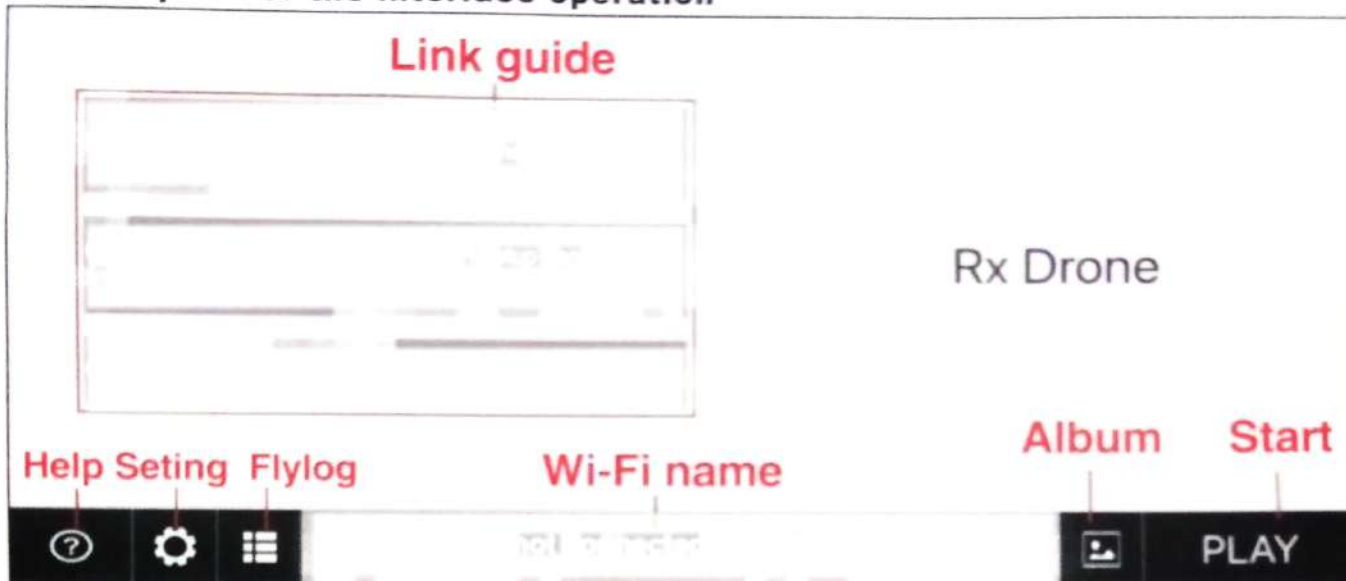
App Store



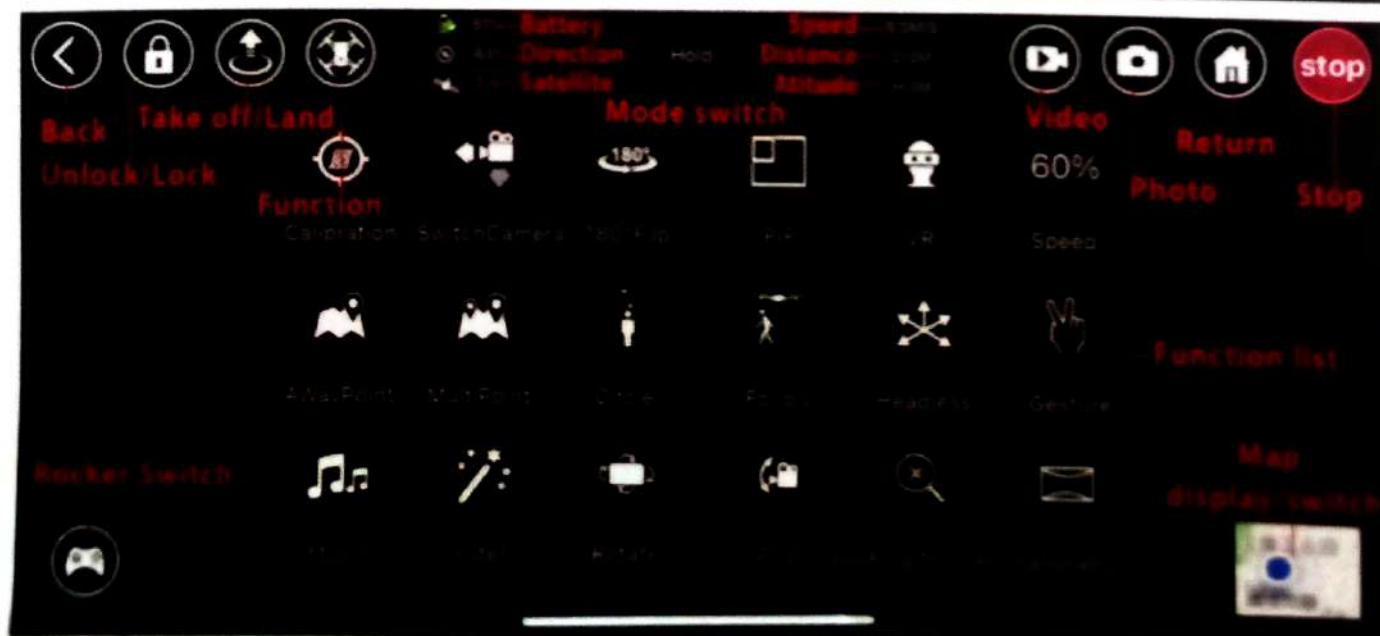
Chinese mainland



Google Play



5. Functional specifications





App Store



Chinese mainland



Google Play