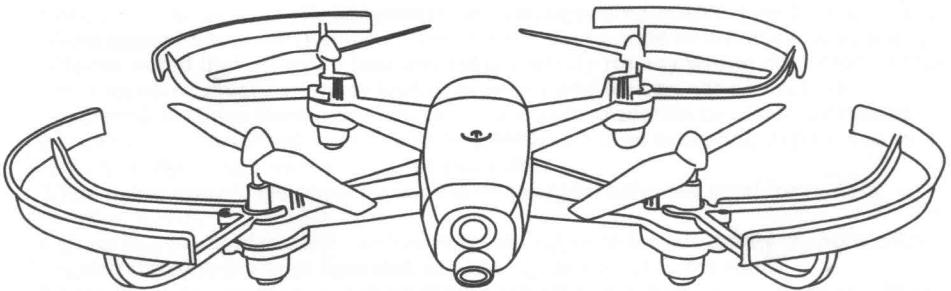


INSTRUCTION MANUAL

6 CH REMOTE CONTROL QUADCOPTER



2.4G

RC123CGH

2MP Normal Record Camera

2.4G

RC123WGH

720P wifi FPV Camera

2.4G

RC123WSH

1080P wifi FPV Camera

Key features of quadcopter

- Four-axis struture makes the quadcopter more flexible and rapid when flying. It is wind-resistant and can be flown indoor or outdoor.
- Built-in 6 axis gyroscope for precise hovering in the sky.
- Simple modular design makes changing parts easy.
- With 360° 3D eversion and throwing flight function.

The materials and specification mentioned in this instruction manual or the parts inside this package are for reference only.

PREFACE

Dear Customers:

Thank you for purchasing our flying model. Please read this instruction manual carefully in order to master the skill more quickly and operate this product more safely. In the mean time, please well keep the original of this instruction manual for future reference.

IMPORTANT INSTRUCTION

- 1.This product is not a toy but a precise equipment that integrating mechanics and electronics with expertise of aerodynamics and high-frequency transmitting. It requires to be correctly assembled and debugged so as to prevent the accident from being happened.The product owner should operate or control it in safe way. Please noted that we won't take any responsibility for any wrong operation as this may result in severe injury or loss of property and we can not control the operating process during the time when the user assemble or use this product.
- 2.This product is suitable to be used by people who has operating experience in flying model or age no less than 14 years old.
- 3.The flying ground we required should be the local field and legal for remote control flying.
- 4.Once this product is sold , we won't be responsible for any safety responsibility during the time the user operates or uses or controls this product.
- 5.If there is any problem occurred during the time of using, operating or repairing, please reach our sales agent for details.The sales agent that we authorized will provide you with the technical support and after-sale service.

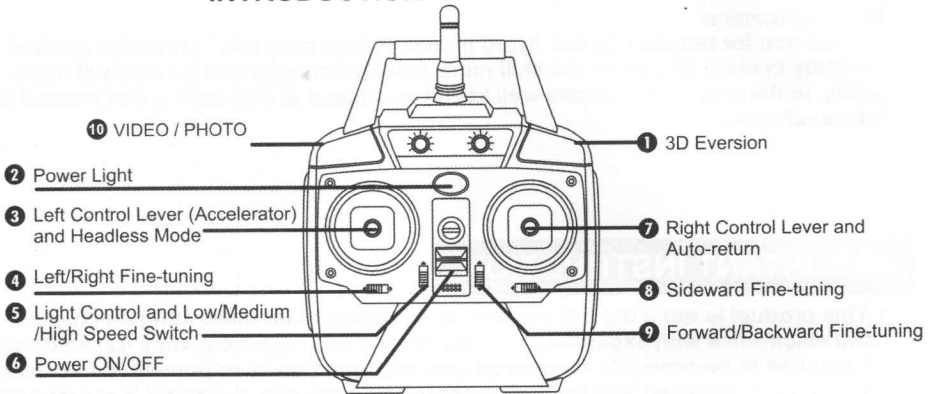
SAFTY&CAUTIONS

This R/C flying model is a high dangerous commodity.Please make sure that it should be flied far away from the crowd.Please also pay more attention to the phenomenon such as incorrect assembly or damaged model or incorrect connection of electronic control equipment.Please also pay attention to the flying safety when operating and know more about the accident that may be happened due to your own negligence.

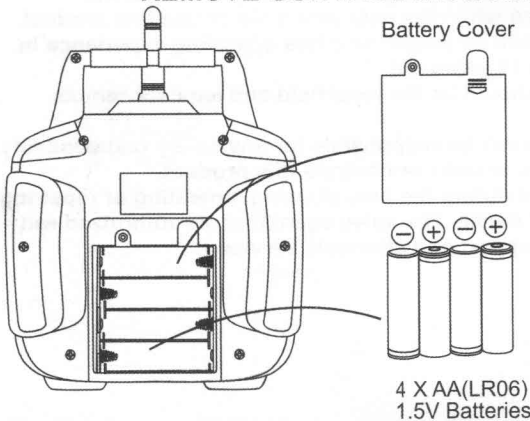
- 1.Keep it far away from the barrier or crowd.
- 2.Keep it far away from the moisten environment.
- 3.Use this product correctly and avoid operating by your own.
- 4.Keep it far away from the high-speed rotating part and heat source.
- 5.Please conform to the sequence of power ON/OFF.As the picture below shown, incorrect sequence of power ON/OFF may cause this product out of control and affect your own safety or others. Please form a good habit of switching on or switching off this product correctly.

GET TO KNOW YOUR TRANSMITTER

INTRODUCTION OF TRANSMITTER



REMOTE CONTROL INSTALLING THE BATTERY



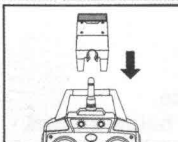
1. Open the battery cover
Install 4 "AA" batteries (not included) into the back of transmitter than replace battery cover and reinstall the screw.

- ⚠
1. Install batteries with correct polarity.
 2. Do not mix old and new batteries.
 3. Do not mix different types of batteries.

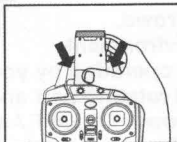
HOW TO ASSEMBLE AND UNASSEMBLE THE FIXING COMPONENT

INSTALL FIXING COMPONENT

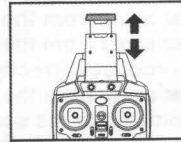
ONLY FOR WIFI FPV VERSION



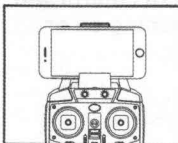
1. Put the back of the mobile phone fixing component to match the antenna and handle of the controller.



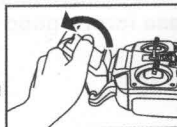
2. Press the controller to clicks into mobile phone fixing component.



3. Adjust the fixing component upward or downward according mobile phone fixing component to the size of the mobile phone. (The width is 8.5cm)



4. For WIFI FPV version, after you place the mobilephone on the holder, open the software and you can enjoy the real time video showed on your mobilephone.



UNASSEMBLE FIXING COMPONENT

When you want to take out the fixing component, please pull the part according to the direction we marked on picture.

SOFTWARE DOWNLOAD, INSTALLATION AND USING

Software Download and Installation

APP (IOS)

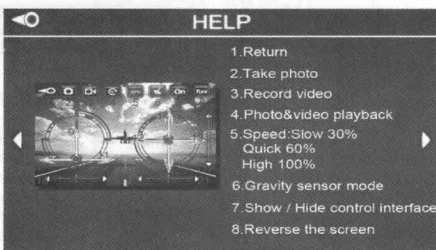
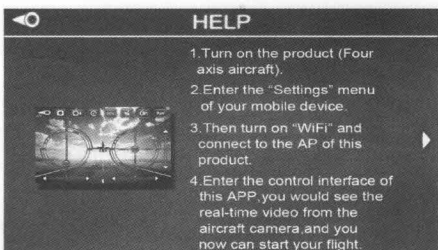
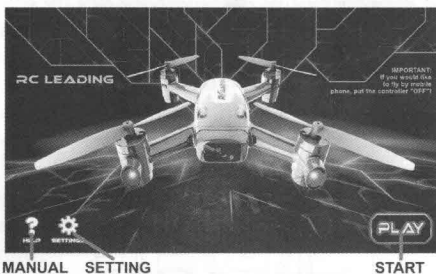


APK (Android)



Using Instruction

1. Connect the model to the power, the indicator on camera turns red.
2. Enter the "setting" menu of your mobile device and turn on WIFI.
3. Find a network WIFI called " RC-LEADING XXXXXX ", click connection until "connected".
4. Open the " RC-LEADING " software, click the "play" icon into the control interface. And you will see the real time video.



ONE KEY TAKE OFF

ONE KEY LANDING

Please note:

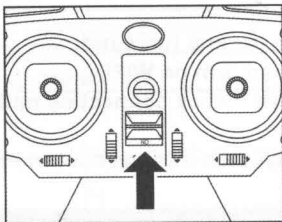
The drone can be operated by remote control even as with the smartphone. We have already explained how you can fly by remote control.

Are you an experienced pilot, you can fly with your smartphone:

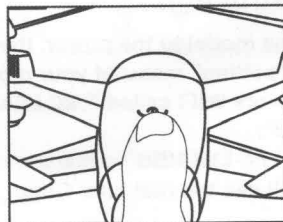
This works as follows:

- Get The phone from the holder of the remote control
- Turn off the remote control and it keep it off
- Turn the drone off and then on again.
- please reconnect to the correct Wi-Fi and open the RC-LEADING app.
- the lights of the drone continue to burn.
- You are ready to fly

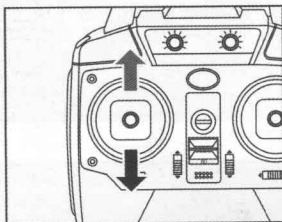
READY TO FLY YOUR QUADCOPTER



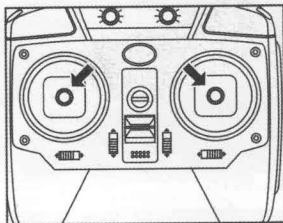
Step 1: Press the ON/OFF power switch up.



Step 2: Press the ON/OFF Switch on the drone to turn on it.



Step 3: Push the throttle lever to the highest position, And then pull it back to the lowest position. There will be one clear sound from the transmitter, this shows that the quadcopter has entered into the pre-fly state.

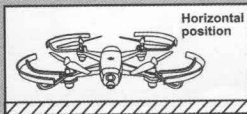


Step 4:

If the model is equipped with altitude hold mode function, further start up operation is needed. Pull the left control stick to the left bottom and right control stick to the right bottom, then the motor will be ready to work. For the drone with altitude hold function, which means the done can keep in the same fling altitude, the left control stick(accelerator) will self-return to the center to keep balance. Player can push it up or pull it down to control the drone at the altitude that he wants it to be when release the left control stick(accelerator).

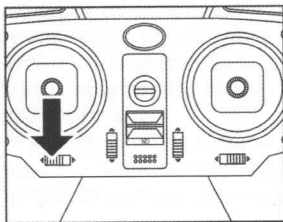
LANDING: Pull down the left control stick to the bottom, after 4 seconds, the drone will stop;

EMERGENCY STOP: Pull the left control stick to the right bottom and right control stick to the left bottom, the motors will stop suddenly.

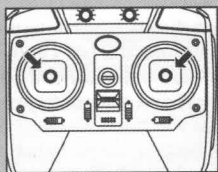


TIPS:When syncing your quadcopter keep it in a horizontal position to start to a stable flight.

HOW TO TURN OFF THE QUADCOPTER



After playing, push down the throttle to control the quadcopter to the ground, then keep the throttle at the lowest position for 3-4 seconds until the motor stop working. Finally, press the power button to turn off the quadcopter and switch off the transmitter.

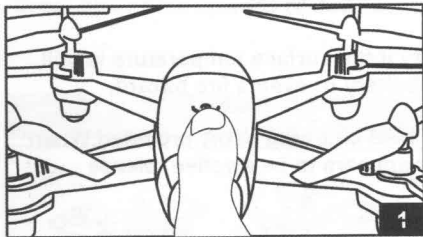


Tips: For fast turn off or any emergency, pull the throttle to the right bottom position and the direction stick to the left bottom position, then the motor will stop working at once. Please do not do this operation while the drone is in the sky, or it can fall down due to non-working motor.

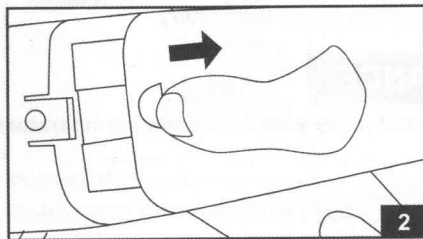
CAUTIONS

1. When the indicator of transmitter keep light on but the indicator of quadcopter is blinking slowly, it means signal matching was not successful. Please turn off the power both of transmitter and quadcopter than restart the transmitter and quadcopter.
2. If the quadcopter is still flying to one side dramatically or spinning while hovering, please switch off the power of both the quadcopter and transmitter and then repeat the pre-flying steps.
3. When the indicator of the quadcopter keeps flashing slowly, it means that the quadcopter has entered into the low battery state. This time you need to charge the quadcopter with the USB cable provided.

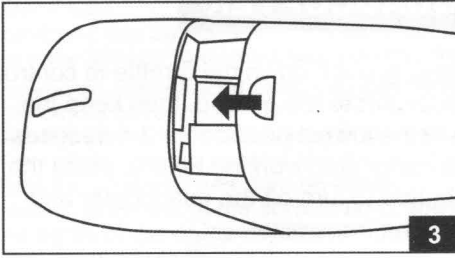
CHARGE BATTERY OF QUADCOPTER



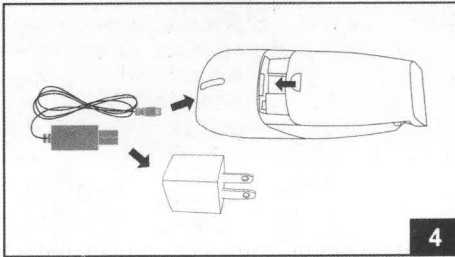
1. Keep pressing the switch to turn off the drone.



2. Pull out the battery from drone body.



3. Connect the battery to the charging case.



4. Please connect the USB cable to the charger, and connect the USB cable to the adapter. Red indicator will be on all the time when connect to power. Green indicator will flash when charging, will be OFF when full charged.

Caution: Battery can not be charged by computer, need to charge via adaptor that electric current over 1A.

Battery C arging time: about 240 minutes - Flying time: about 13-15 minutes!

CAUTIONS WHEN CHARGING

1. When charging, please put this product on a dried or ventilated area and keep it far away from heat source or explosive product.
2. When charging, please remove the batteries from the quadcopter. Then charging process should be supervised by an adult so as not to cause an accident.
3. After flying, please do not charge the battery if the surface temperature is still not cool. Otherwise it may cause a swollen battery or even a fire hazard.
4. Please make sure that you use the original USB charging cable provided. When the battery has been used for along time, or appears to be swollen, please replace them.
5. A battery when not in use for along time will lose its charge automatically. Charging or discharging too often may reduce the life of the battery.

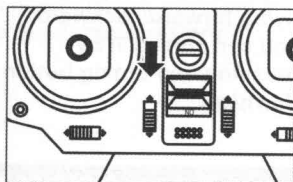
BATTERY REPAIR & MAINTENANCE

1. Battery should be put in the dried or ventilated place with enviroment temperature about 18-25°C.

2. In order to enhance the using life of the battery, please avoid repeat charging or excessive discharging.
3. When the battery needs to be stored for a long time, please charge the battery first. That is to say, charge the battery for about 50%-60% of the volume and then well store it.
4. If you do not use it for more than 1 months, it is highly recommended that you need to check the battery voltage every month so as to make sure the voltage no less than 6.8V. Otherwise please do by following No.(3) mentioned.

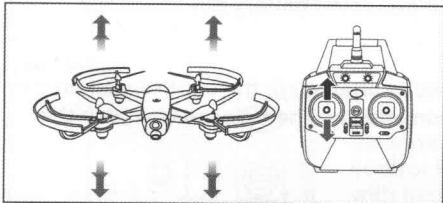
CONTROLLER MODES & INSTRUCTIONS

In order to adapt for more plays' operating habits, our controller sets three different speeds-Low/Medium/High Speed. Speed can be changed by pushing down button.



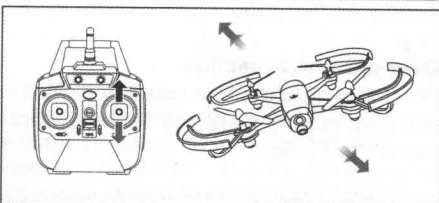
OPERATING DIRECTION

Hover up and down



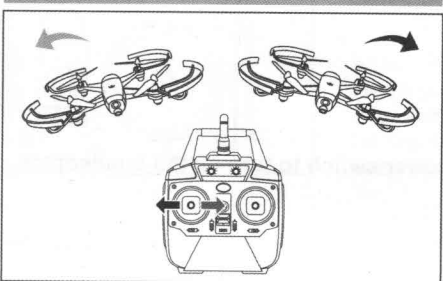
Push the throttle up or down, the quadcopter flies upward or downward.

Forward and backward



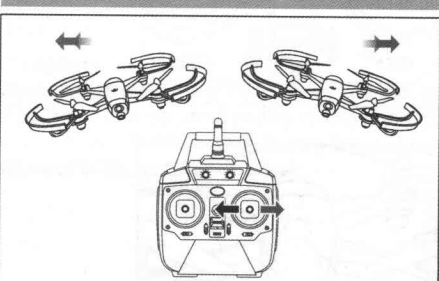
Push the direction lever up or down, the quadcopter flies forward or backward.

Turn Left and Right



Pull the throttle left or right, the quadcopter turns to left or right.

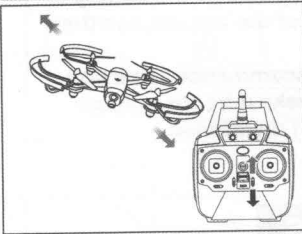
Sideward fly



Pull the direction lever left or right, the quadcopter flies to left side or right side.

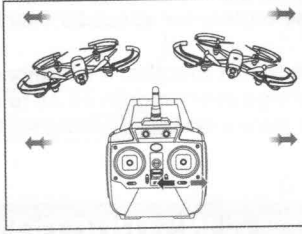
FINE-TUNING OPERATION

Forward/Backward fine-tuning



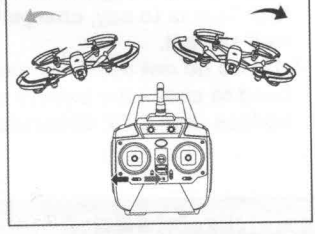
When the quadcopter keeps flying forward/backward, you can correct it by pressing fine-tuning button down/up.

Sideward fly fine-tuning



When the quadcopter keeps flying to left/right side, you can correct it by pressing the Fine-tuning button right/left.

Turn left/right fine-tuning



Turn left/right fine-tuning when the quadcopter keeps rotating to left /right, you can correct it by pressing the fine-tuning button right/left.

INTRODUCTION TO QUADCOPTER FUNCTIONS

Low-voltage protection:

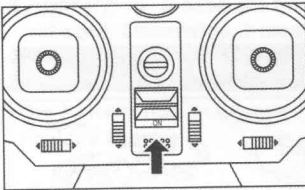
When the quadcopter battery is not enough, the rotors will be stopped power supply. As the quadcopter control system will protected battery automatically.

Over-current protection:

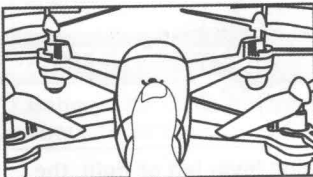
When the quadcopters rotating blade is collided or jammed, the control system will stop supplying power for the rotors automatically, Then please re-match the signal for flying.

Restart function:

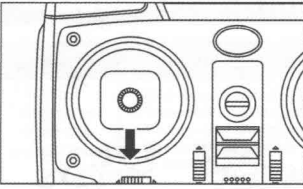
In case of flight disorder or sideward flight, restore factory default settings by the following methods:



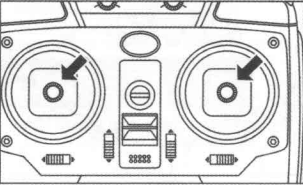
①. Press the power switch to turn on the transmitter.



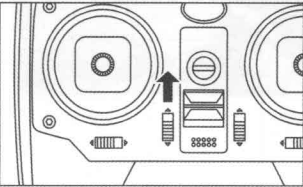
②. Press the power switch to turn on the quadcopter.



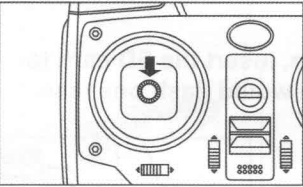
③. When the quadcopter indicator quickly flashing to slowly flashing, please push the throttle lever to the highest position, and then pull it back to the lowest position. Then the quadcopter indicator changed from slowly flashing to normal lights up.



④. Place the quadcopter on a horizontal position, then push transmitter both left and right lever to lowest left corner for about 2-3 second, indicator on the quadcopter changed from normal lights up to quickly flashing; After 2-3 second, the indicator changed to normal lights, it means the quadcopter restarted /reset successfully.

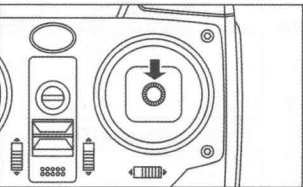


Light Control Function: The LED light on the product can be controlled by pushing up button "5". Push up this button at the first time, the light will be on. Push up again this button, the light will be off.



Headless Mode Function:

Under normal control mode, player needs to discriminate front and back of the aircraft, then control forward and backward. This model equipped with headless mode, which is much easy for control. When headless mode was turn on, whatever which orientation the aircraft are, direction is decided by the direction you place when you turn on the quadcopter. How to turn on the headless mode: Press down the left lever, the headless mode will be turn on, press down again the left control lever, the headless mode will be turn off.



Auto-return function:

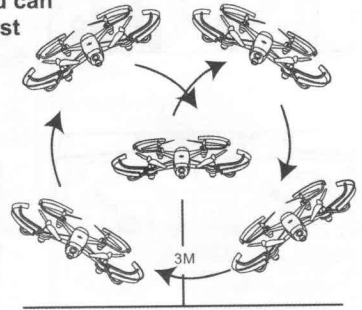
When you want the aircraft to auto-return, please drive your aircraft in front of you, and press down the right control lever at once, when aircraft flying back, please keep controlling the up and down stick.

3D EVERSION AND THROWING FLIGHT INSTRUCTIONS

When you are familiar with the basic operation, you can do some awesome & exciting tricks and stunts! First of all, fly the aircraft to a height of more than 3 meters, press the 3D Eversion switch on the rear right side of the transmitter, then push the right rudder (in any direction) to make 360° degree flip.

Tips:

3D eversion goes better when battery power is enough.



Thanks to the 6 axis gyroscope, you can throw the quadcopter and push the throttle right up, it will automatically level out and hover smoothly in the sky. This can also be done when the quadcopter is rolling.

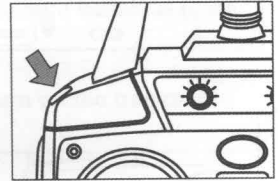


PHOTOGRAPHY/VIDEO INSTRUCTIONS:

1. Insert the SD card: Turn the quadcopter power on, insert the SD card to card slot, the BLUE indicator light on the camera would flash one time.

2. Get to know how to take photo and video:

- 1 Turn on the transmitter and pull left lever up and down to connect signal between aircraft and transmitter.
- 2 Take photo: Make sure camera normally work, press the button on the rear left side of the transmitter, camera will take a photo and the BLUE indicator on the camera would flash one time.
- 3 Take video: Make sure camera normally work, press the button on the rear left side of the transmitter and hold on for 3 seconds then release, camera starts to take videos the BLUE indicator on the camera would keep flashing. Press this button again and hold on for 3 seconds, the camera will stop video work and BLUE indicator light will be off.

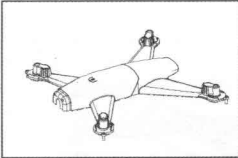


TROUBLE SHOOTING

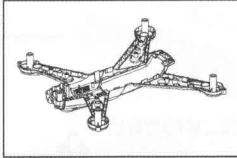
Problem	Reason	Solution
No response from the quadcopter	1. Quadcopter battery power not enough; 2. Transmitter battery power not enough; 3. The band of the transmitter does not correspond to the decoding of the quadcopter.	1. Charge the quadcopter; 2. Charge or replace them if required; 3. Adjust the band on the transmitter and keep it the same as the quadcopter.
If the quadcopter is slow to respond or difficult to maneuver	1. Insufficient power with the transmitter; 2. Transmitter of the same frequency is used nearby.	1. Replace the battery; 2. Use the helicopter out of the range of other RC quadcopter.

SPARE PARTS

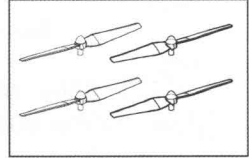
All the spare parts below can be bought from local distributor.



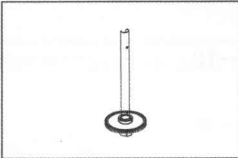
Upper frame



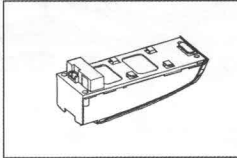
Bottom frame



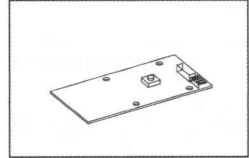
Blade



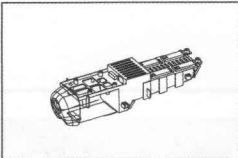
Gear Sets



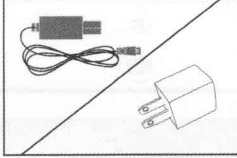
Battery



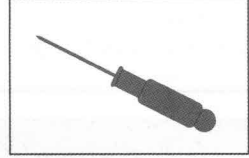
PCB



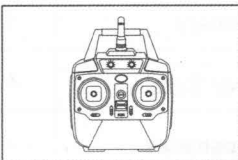
Camera Sets



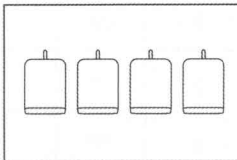
USB charging cable



Screwdriver



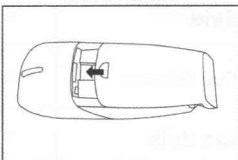
Transmitter



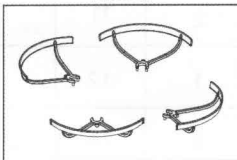
Motor



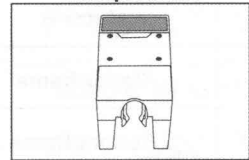
Lampshades



Charger



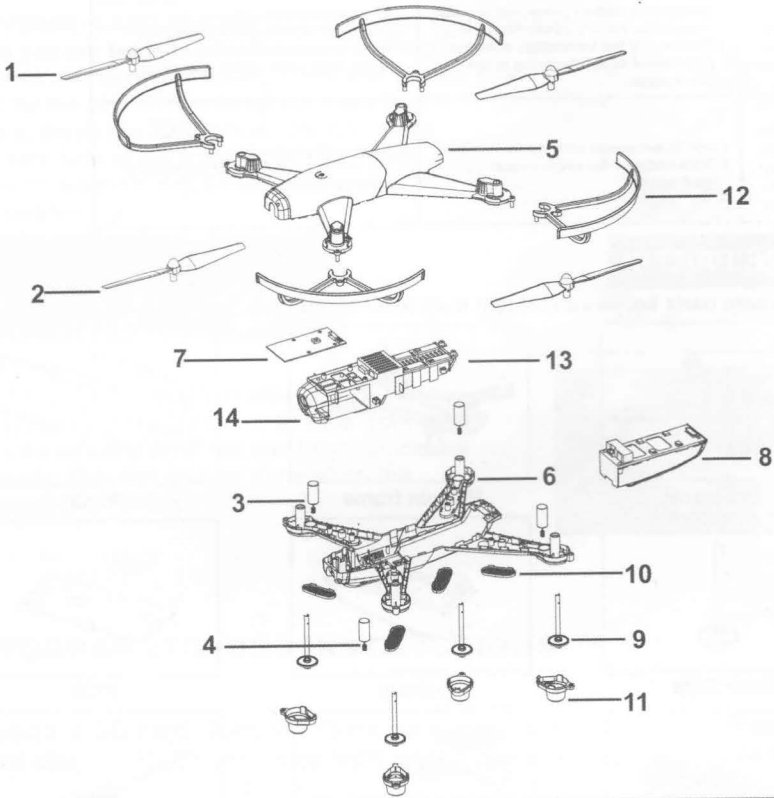
Protective Blades



Fixing component

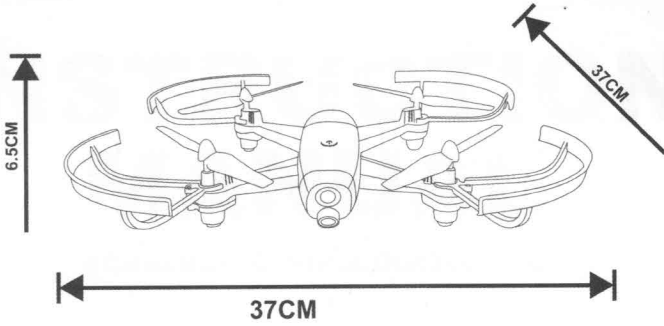
ONLY FOR WIFI FPV VERSION

BREAKDOWN & DIAGRAM



Code	Description	Quantity	Code	Description	Quantity
01	Blade A	2	08	Battery	1
02	Blade B	2	09	Gear Sets	4
03	Motor A	2	10	Lampshades	4
04	Motor B	2	11	Skid	4
05	Upper frame	1	12	Protective Blades	4
06	Bottom frame	1	13	Camera Sets	1
07	PCB	1	14	SD Card slot	

MAIN PARAMETER



Body length: 37 cm
Body width: 37 cm
Body high: 6.5cm

Main motor code:1080
Battery: 7.4V 1000 mAh Li-poly

SPECIFICATIONS AND COLORS OF CONTENTS MAY VARY FROM PHOTO.

MADE IN CHINA

