udiR/C®

DISCOVERY WiFi

720P HD Camera

Aerial Photography / Real-time FPV / WiFi Control / Heading Hold Mode / 360° Flip / Low Battery Alarm
One Button Take Off/Landing

U818A WIFI

Operations Guide

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1. Important Statement

Thank you for buying UDIRC's product. People who under 14 years old must not use the product. Please read this brochure carefully before using the product. You are regarded as accepting all content in this user manual when using this drone.

This product is not an ordinary toy but a piece of complicated equipment which is integrated with professional knowledge by mechanic, electronic, air mechanics, high-frequency emission etc. The users promise to be responsible for their behavior when using this product and relevant APP. The users promise to use the drone and relevant APP for legal purpose, and agree to obey above rules and local laws and regulations.

We undertake no liability for those accidents caused by environment, illegal behavior, improper operation and refitting of the drone after sale of the product.

We have entrusted the distributor to provide technology support and after-sale service. If you have any questions about use, operation, repair etc., please contact the local distributor.

*** Keep the packing and user manual so as to refer to the important information whenever.**

2. Safety Precautions:

This drone is suitable for experienced RC drone user aged 14 years or above.
This product contains small parts, please put it out of child's reach.

(1) Flying Area

The flying field must be legally approved by your local government. Do not fly the drone near in the airport. Keep far away from the airport more than 5km when flying a RC drone. Flying field must spacious enough and we suggest at least 8M (length)*8M (width)*5M (height).

(2) Use correctly

For safety elements, please only use UDIRC's spare parts to replace the damaged parts. Improper assembly, broken main frame, defective electronic equipment or unskilled operation all may cause unpredictable accidents such as drone damage or human injury. Please pay special attention to safety operation and have good knowledge of accident responsibility that the user may cause.

(3) Keep away from obstacles and crowd

The speed and status of a flying RC drone is uncertain and it may cause potential danger. So the user must keep away from crowd, tall building, power lines etc. when operating a flying RC drone. Do not fly a RC drone in rainy, storm, thunder and lighting weather for the safety of user, around people and their property.

(4) Keep away from humid environment

The drone inside is consisted of precise electronic components. Humidity or water vapor may damage electronic components and cause accident.

(5) Safe operation

Please operate the RC drone in accordance with your physical status and flying skill. Fatigue, listlessness and improper operation may increase the rate of accident.

(6) Keep away from rotating parts

Rotating parts like propellers or motors may cause serious injury and damage. Keep face and body away from rotating parts.

(7) Keep away from heat

The RC drone is made of metal, fiber, plastic, electronic components etc. Keep away from heat and sunshine to avoid distortion and damage.

(8) The drone should be controlled within max control distance. Do not fly the drone near tall building, high voltage cable or other place with signal interference. Or may cause signal interruption and the drone will out of control, which may result of accident.

(9) Do not touch the hot motor to avoid being burnt.

(10) Please use the recommended charger only. Power off the drone before cleaning the RC drone. Check the USB cable, charging plug etc. regularly to ensure they can work well. If there is any damage, stop using it immediately till it's fixed well.

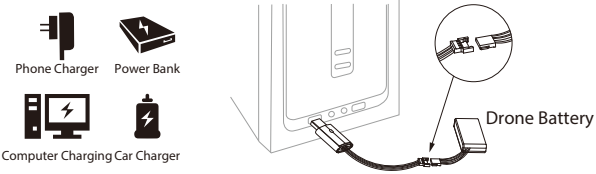
3. Safe Notice for Drone Battery

* Do not put the battery on high temperature place, such as fire or heating device to avoid damage or explode.
* Do not use the battery to crash or hit hard surface.
* Do not put the battery in water and keep it in dry place.
* Do not open the battery.
* Do not leave the battery without supervision when charging.
* Make sure that there is no short circuit of the power wire.
* Please use the recommended charger only.
* Check the charger's wire, plug, surface regularly. Do not use any broken charger.
* If do not fly the drone more than one week, maintain the drone battery with about 50% power to keep its performance and working life.

4. Charging Instruction for Drone Battery

1. Connect the drone battery with USB cable first and then choose one of the method as below picture shown to connect with USB plug.
2. The red USB indicator light keeps bright when charging. And the light turns green when fully charged.

*** For faster charging, it is recommended to use a adapter with 5V 2A output current (not included) to charge the battery.**



Li-Po Battery Disposal & Recycling

Wasted Lithium-Polymer batteries must not be placed with household tras
Please contact local environmental or waste agency or the supplier of your model or your nearest Li-Po battery recycling center.

5. Checklist before Flight

(1) Make sure the drone battery and transmitter battery are fully charged.

(2) Make sure the Left Stick of the transmitter in the middle position.

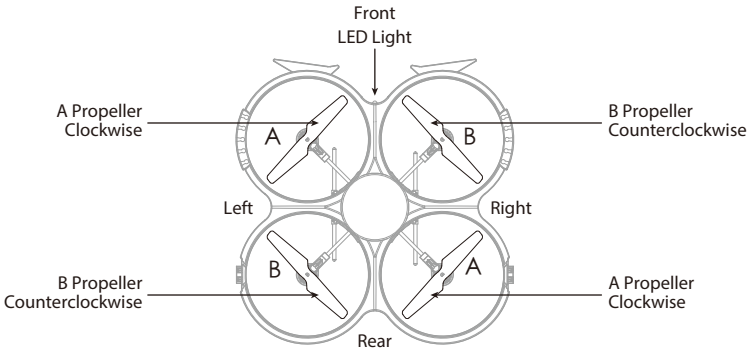
(3) Please strictly obey the order of turn on and turn off before operation. Turn on the transmitter power first and then turn on the drone power before flying; turn off the drone power first and then turn off the transmitter power when finish flying. Improper turn on and turn off order may cause the drone out of control and threaten people's safety. Please cultivate a correct habit of turn on and turn off.

(4) Make sure the connection is solid between battery and motor etc. The ongoing vibration may cause bad connection of power terminal make the drone out of control.

(5) Improper operation may cause drone crash, which may arouse motor defective and noise, and then effect the flying status or even stop flying. Please go to the local distributor to buy new parts for replacement so that the drone will return to its best status.

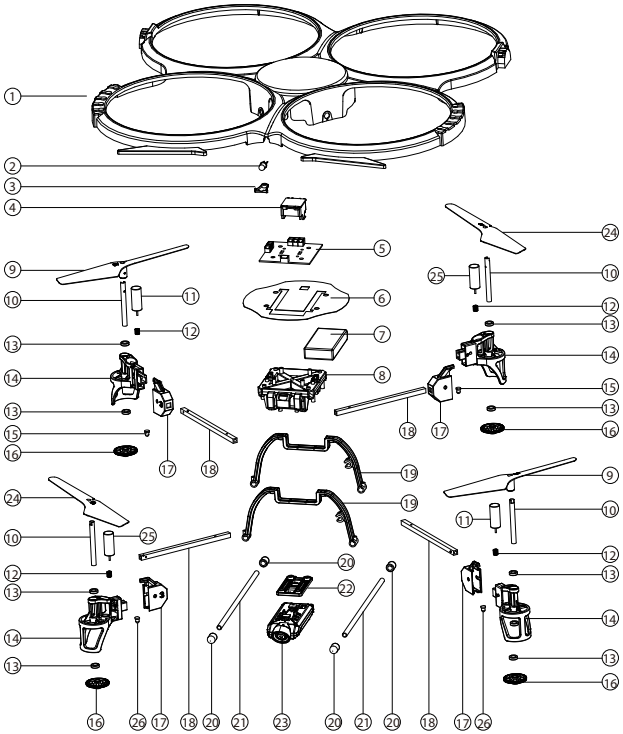
6. Instruction for Drone and Transmitter

6.1 Drone



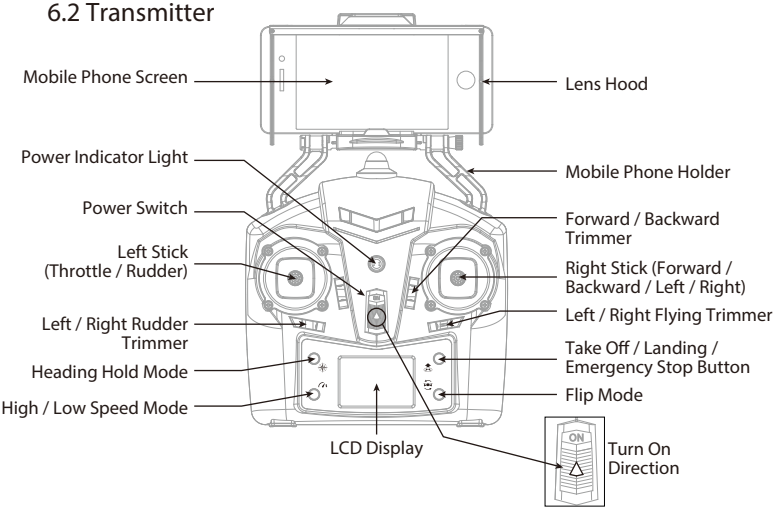
Specification

Drone Size	337x327.5x91.4mm	Charging Time for Drone Battery	55~65mins
Drone Weight	163g	Max Flying Distance/Radius	100m
Propeller Diameter	136mm	Max Image Transmission Distance/Radius	40m
Flying Time	6~7mins	Camera Resolution	1280x720P
Remote Control Technology	2.4Ghz	Transmitter Battery	4xAA Alkaline Batteries
Drone Battery	3.7Vx2 350mAh	Main Motor	8520x4



No.	Name	No.	Name
1	Housing	14	Motor Holder
2	Front Light（White）	15	Rear Light of Motor Holder (Red)
3	Front Light Holder	16	Gear
4	Altitude Hold Module	17	Motor Cover
5	Receive Board	18	Carbon Fiber Tube
6	PVC Pad	19	Landing Gear
7	Drone Battery	20	Landing Gear Plug
8	Main Frame	21	Landing Gear Aluminum Tube
9	A Propeller (Clockwise)	22	Camera Holder
10	Transmission Pipe	23	Camera
11	Clockwise Motor (Red and Blue Wire)	24	B Propeller (Counterclockwise)
12	Motor Gear	25	Counterclockwise Motor (Black and White Wire)
13	Bearing	26	Front Light of Motor Holder (Blue)

6.2 Transmitter



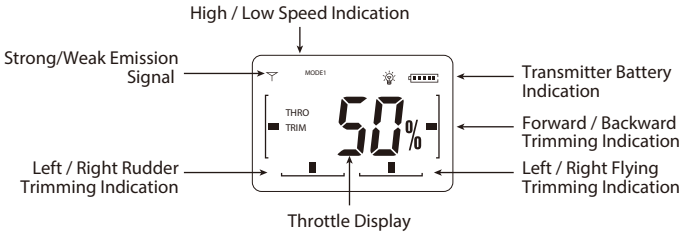
Heading Hold Icon

Take Off / Landing / Emergency Stop Icon

High / Low Speed Mode Icon

Flip Mode Icon

Note: Smart phone is not included.



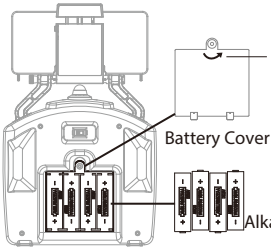
Brief Introduction for Button Functions

Left Stick	Move the Stick to forward / backward / left / right to fly the drone up / down / turn left / turn right.
Right Stick	Move the Stick to forward / backward / left / right to fly the drone forward / backward / left / right.
Left / Right Rudder Trimmer	Move the button till the drone becomes balance if the drone rotates to the left or right.
Forward / Backward Trimmer	Move the button till the drone becomes balance if the drone drifts forward or backward.
Left / Right Flying Trimmer	Move the button till the drone becomes balance if the drone tilts to the left or right.
Power Switch	Push up the power switch to turn on the transmitter, and pull down to turn off.
Heading Hold Mode	Press the button to enter heading hold mode, and press again to exit from heading hold mode.
High / Low Speed Mode	Press this button to switch to High / Low Speed.

Take Off / Landing / Emergency Stop Button	Press the button and the drone will fly up automatically. Press the button again and the drone will landing on the ground automatically. Press and hold the button more than 1s, the drone propellers will stop and fall down immediately.
Flip Mode	Press this button to do 360°flip.

Battery installation:

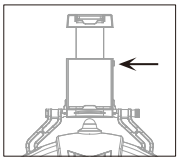
Open the battery cover on the back side of the transmitter and put 4 alkaline batteries (AA, not included) into the box in accordance with electrode instructions, as Picture shown.

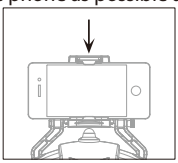


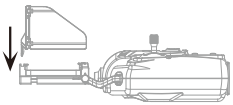
Notice: 1. Make sure the electrodes are correct. 2. Do not mixed use new and old batteries. 3. Do not mixed use different kinds of batteries. 4. Do not charge the non rechargeable battery.

Attaching your Mobile Phone to Transmitter

1. Press the self-locking switch on the top right side of the mobile holder and push the holder to a fully open position as Picture 1 shown.
2. Place the mobile phone facing frontward position, pull the mobile phone holder down and press tightly as possible to secure the mobile phone and transmitter (please note that do not touch the mobile phone button) as Picture 2.
3. Insert the lens hood into the slot and make sure the lower edge of the lens hood is as close to the mobile phone as possible as Picture 3.


Picture 1


Picture 2


Picture 3

7. Pre-flight Operation Instruction

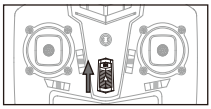
7.1 Frequency Pairing

1. Turn on the transmitter switch (Picture 4) and the power indicator light flashes rapidly. Push the Left Stick all the way down to the lowest position and then release. The Left Stick will back to the middle position automatically. (Picture 5 / 6) The power indicator light flashes slowly, which indicates the transmitter is ready for frequency pairing.

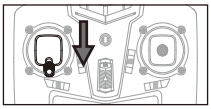
2. Install the battery to the mounted box in the drone and then power on the drone. (Picture 7）

3. Put the drone on the flat surface, the drone body lights turn from flashing to solid bright, which indicates successful frequency pairing.

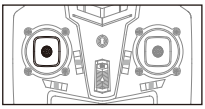
Important Notice: Please make sure the drone is placed on the horizontal position after powering on the drone, so that the drone can work well.



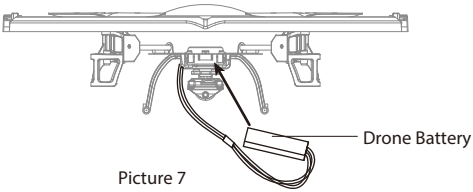
Picture 4



Picture 5



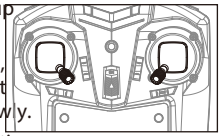
Picture 6



Picture 7

7.2 Checking

1. The camera is the drone front. Keep the drone front away from you.
2. Power on the drone and check the direction of the rotating propellers. The left front and right rear A propellers rotating clockwise while the right front and left rear B propellers rotating counterclockwise.
3. Move the Left Stick and Right Stick as Picture 8 shown to start the motor and then release. Then push up the Left Stick to fly up the drone to certain altitude and then release.
4. Push up the Left Stick slowly to fly up the drone, and pull down the Left Stick slowly to the lowest end, then the drone will land on the ground slowly.
5. It's recommend to repeat Steps 4 above to practice.
6. Adjust relative transmitter Trimmer button to adjust the rudder if the drone tilts to one side when flying.



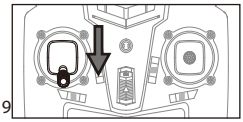
Picture 8

7.3 Calibration Instruction

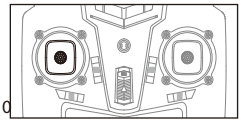
Please follow below steps to calibrate the drone if the drone becomes imbalance after crashing during the flight, and can not be adjusted by trimmer button and cause difficult operation.

1. Power off the drone, then turn off the transmitter switch.
2. Turn on the transmitter switch, push the Left Stick all the way down to the lowest position (Picture 9) and then release. The Left Stick will back to the middle position automatically (Picture 10). The transmitter is ready for frequency pairing mode.

Picture 9

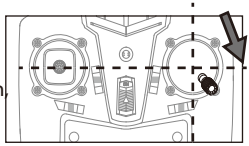


Picture 10



3. Power on the drone and put it on a flat surface in a horizontal position. The drone body lights change from flashing to solid bright, which indicates successful frequency pairing.

4. Do not move the Left Stick before successful calibration. Push the Right Stick as Picture 11 and then release. The drone body lights flash, which indicates that the drone is calibrating. When the drone body lights remain solid, which indicates successful calibration.

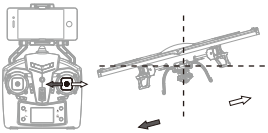


Picture 11

7.4 Flying Control

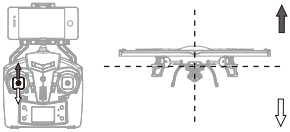
1. To fly to the left or right

Move the Right Stick to the left to fly the drone to the left, and move the Right Stick to the right to fly the drone to the right.



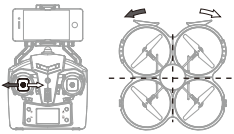
2. To fly up or down

Push the Left Stick up to fly the drone up, and pull the Left Stick down to fly the drone down.



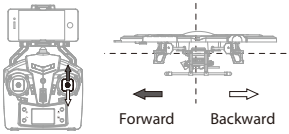
3. To rotate to the left or right

Move the Left Stick to the left to rotate the drone to the left, and move the Left Stick to the right to rotate the drone to the right.



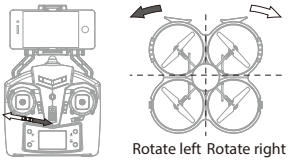
4. To fly forward or backward

Push the Right Stick up to fly the drone forward, and pull the Right Stick down to fly the drone backward.



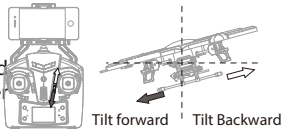
5. If the drone rotates to the left or right

Move the Left / Right Rudder Trimmer to the right till balance if the drone rotates to the left, and move the Left / Right Rudder Trimmer to the left till balance if the the drone rotates to the right.



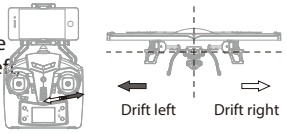
6. If the drone tilts forward or backward

Move the Forward / Backward Trimmer down till balance if the drone drifts forward and move the Forward / Backward Trimmer up if the drone drifts backward.



7. If the drone tilts to the left or right

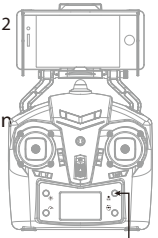
Move the Left / Right Flying Trimmer to the right till balance if the drone drifts to the left and move the Left Trimmer to the left till balance if the drone drifts to the right.



8. Functions Introduction

Two Take Off Methods

Picture 12



1. Method 1 (Take off): Push the Left Stick and Right Stick as Picture 8 shown to start the motor and then release. Then push up the Left Stick to fly up the drone to certain altitude and then release the stick.
2. Method 2 (One Button Take Off): Press the Button (Picture 12) , the drone will fly up automatically and keep flying at an altitude of 1.2 meters approximately.

Two Landing Methods

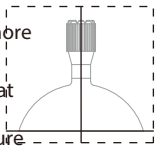
1. Method 1 (Landing): Push the Left Stick all the way down to the lowest position and hold it till the motors stop and the drone landing on the ground.
2. Method 2 (One Button Landing): Press the Button (Picture 12) once shortly, and the drone will land on the ground automatically.

▲Emergency Stop: When the drone in emergency situation and going to hit the walking people or obstacle etc., press the Take Off / Landing / Emergency Stop Button immediately and hold it for more than 1s. The propellers will stop immediat

Tip: Do not use the emergency stop function unless in emergency situation. The drone will fall down suddenly after all propellers stop.

Altitude Hold Mode

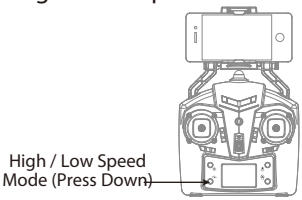
Altitude hold mode indicates that the drone maintains a consistent altitude while allowing roll, pitch, and yaw to be controlled normally. It makes it easier to control the drone for beginner and more stable for aerial photography.



Picture 13

Push the Left Stick up (down) to fly the drone up (down) at certain altitude and then release the Stick. The Stick will back to the center position (Altitude Hold Center) as Picture 13 shown. And the drone will keep flying at current altitude. Repeat above steps if you want to change the drone altitude.

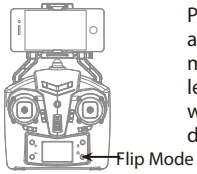
High / Low Speed Mode



1. Low Speed Mode is suitable for beginner.

2. High Speed Mode is suitable for expert to experience aerial stunt in outdoor.

Flip Mode



Press the Flip Mode button when the drone is flying, and you will hear constantly beep, which indicates flip mode is ready. Push the Right Stick to forward / backward / left / right to utmost and then release the stick. The drone will do 360° flip in corresponding direction. After that the drone will exit from flip mode automatically.

Heading Hold Mode

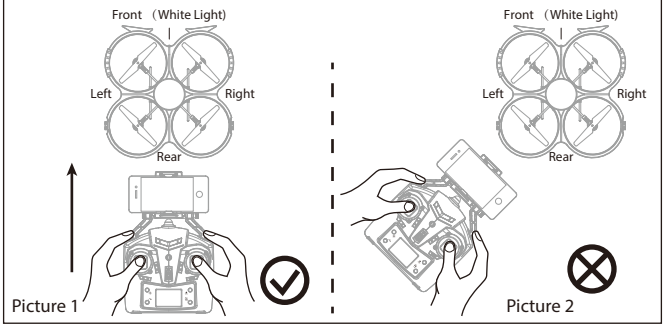
* Drones generally have a front and rear indicated by LED lights or colored propellers. By default, the users are required to tell the front and the rear of the drone when flying. Under heading hold mode, the users can operate the drone without worrying about the orientation (left is left and right is right all the time, regardless of where your drone is pointing at).

Heading Hold Mode is designed for beginners and users who fly the drone in daylight or at a far distance.

When the drone in heading hold mode, push the Right Stick to forward / backward / left / right, and the drone will fly to forward / backward / left / right accordingly.

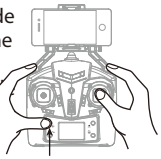
Prerequisite: Position the drone in such a way that its front is your front (see Picture 1).

Tip: Do not change the orientation of the transmitter (see Picture 2) after entering heading hold mode.



Picture 1 Picture 2

To turn on Heading Hold Mode, press Heading Hold Mode button and the drone LED lights flash, which indicates the drone enters heading hold mode.
To turn off Heading Hold Mode, press Heading Hold Mo button again and the drone LED lights turn solid, which indicates the heading hold mode is off.



Low Battery Alarm

When the transmitter in low battery, the transmitter will beep to remind the user to land the drone to replace the batteries as soon as possible. Or the drone may out of control.

When the drone in low battery, the transmitter will beep constantly to remind the user to land the drone as soon as possible. The flip function will turn off automatically when the drone in low battery.

Out of Range Alarm

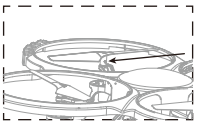
When the drone flying out of the max remote control distance, the transmitter will beep to alarm the user to fly back the drone immediately. Or the drone may out of control and fly away.

Propellers Stuck Protection

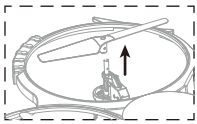
1. When the drone propeller was stuck, the drone body lights flash rapidly and the propellers stuck protection function turn on automatically. The motor will stop.
2. Move the left stick to the lowest end to turn off propellers stuck protection function. The drone body lights get solid bright and the drone is ready to fly.

9. Propeller Installation Diagram

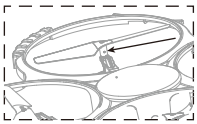
1. Move the screw driver in counterclockwise direction to remove the screw as Picture 14.
2. Pull up the propeller and take it out as Picture 15.
3. Replace the damaged propeller with a new one. Aim at the propeller hole with the screw hole, move the screw driver in clockwise direction to lock the screw as Picture 16.



Picture 14



Picture 15



Picture 16

10. To know your APP

1. Download and Install the APP: Flyingsee

The APP is suitable for mobile phone with iOS and Android system, please download from the mobile phone software store:

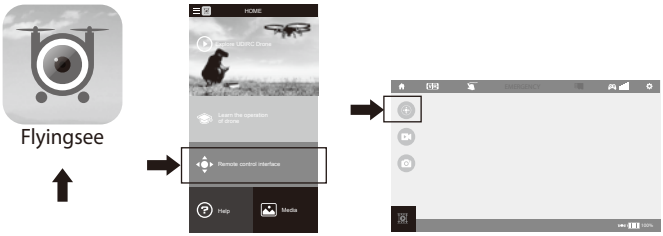
1. For mobile phone with iOS system, please search Flyingsee in APP Store.
2. For mobile phone with Android system, please search Flyingsee in Google Play.
3. Scan the QR code on the right or the QR code in the box to download Flyingsee.

Available on the App Store

ANDROID APP ON Google play

2. Frequency Pairing between Mobile Phone and Drone WiFi:

1. Install the battery to the mounted box and power on the drone. Put the drone on the flat surface in horizontal position.
2. Enter “Settings” of the mobile phone, turn on WiFi (WLAN) and choose udirc-***, return to desktop after successful connection.
3. Click on the icon Flyingsee and click on to enter remote control interface to experience real time transmission.



Click on the icon Home Page Real time Transmission Interface

4. Click on to enter Virtual Control Interface. At this time the drone LED lights change from flash to solid bright, which indicates successful frequency pairing and the drone is ready to be controlled via APP.

Virtual Control Interface

Important Tip: Ensure the drone is put on a flat surface in horizontal position so that the drone can work well. Or it may be fail to be controlled.

3. Introduction for APP Icons

3.1 1. Home Page Icons

Explore UDIRC Drone

Learn the operation of Drone

Remote control interface

Help

Media

3.2 2. Remote Control Interface

Home Page Icon

Click on the icon and back to home page.

Virtual Reality Mode

Click on the icon to enter virtual reality mode to experience first person view (only available when using with a VR headset). Click on the icon again to exit from virtual reality mode.

Flight Route Setting Mode

Click on this icon and it turns red. Draw a flight route in the right area. The drone will fly according to the flight route. Click on the icon again to exit from Flight Route Setting Mode. The icon turns white.

EMERGENCY **Emergency Stop**

The icon is red by default. Click this icon and the propellers will stop immediately. The drone will fall down to the ground straightly.

Tip: Do not use the emergency stop function unless in emergency situation.

TF Card

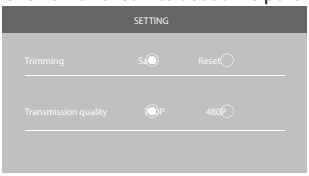
If there is no TF Card in the drone, the icon shows . There is TF Card in the drone, the icon shows .

Remote Control Signal

To show the drone's WiFi signal strength.

Setting

Click on this icon to set some parameters, and click again to exit.



Click on "Save" to save trimming setting. Choose "Reset" for factory reset.

Click on "720P" or "480P" to choose real time transmission resolution.

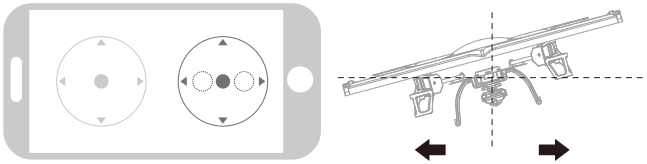
Remote Control

Virtual Control Stick

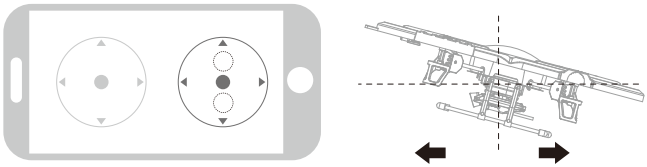
The virtual control stick is hidden by default. Click on the icon to turn on the virtual control stick.

Gravity Induction Mode

Click on this icon to enter gravity induction control mode. (only available for flying left / right and forward / backward). Click on the icon again to exit from gravity induction control mode.



If the mobile phone shakes to the left / right, the Right Ball will move accordingly causing the drone to fly left / right.



If the mobile phone shakes to forward / backward, the Right Ball will roll forward / backward, causing the drone to fly forward / backward.

Video

Click on this icon to record video. The recording time will show at the bottom of the screen. Click on this icon again to finish recording.

Photo

Click on this icon to take photo.

Heading Hold Mode

Click on this icon and it turns red, which indicates that the drone enter Heading Hold Mode. Click again to exit from Heading Hold Mode. The icon turns white.

Media

Click on this icon to view or delete the aerial video and photo. Click on the arrow to exit.

High / Low Speed Mode

By default, the drone is in Low Speed Mode “L”. Click on “H” to enter High Speed Mode.

Flip Mode

Click this icon, the drone will do 360° flip and the icon will turn red shortly.

One Button Take Off

Click on this icon and it turns red shortly. The drone will fly up automatically and stay flying at a altitude of 1.2 meters.

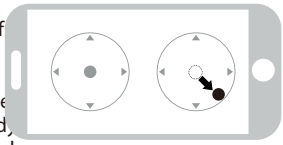
One Button Landing

Click on this icon and the icon turns red, the drone will fly down slowly and land on the ground. All propellers also will stop.

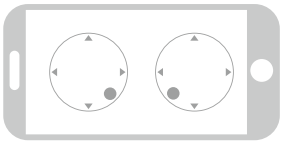
4. Calibration Instruction

If the drone becomes imbalance after crashing during the flight, and can not be adjusted by trimmer button and cause difficult operation, please calibrate the dron

1. Please refer to the Frequency Pairing between Mobile Phone and Drone WiFi to calibrate the drone.
2. Do not push the Left Ball before successf calibration. Move the Right Ball as the picture shown on the right. The drone body lights flash, which indicates that the drone is calibrating. When the drone body lights get solid, which indicates successful calibration and the drone is ready to be controlled.



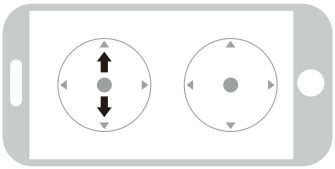
5. APP Flying Control

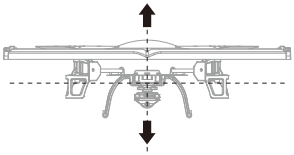


Move the Left Ball and Right Ball at the same time to start the drone as picture shown. Or click on One Button Take Off icon to start the drone.

To fly up or down:

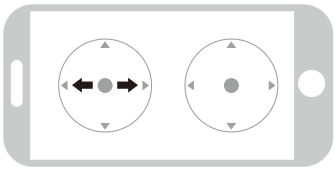
Move the Left Ball up to fly the drone up and move the Left Ball down to fly the drone back down. The drone will stay flying at appointed altitude.

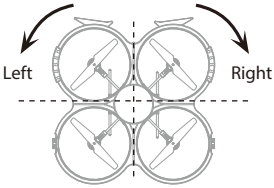




To rotate left or right:

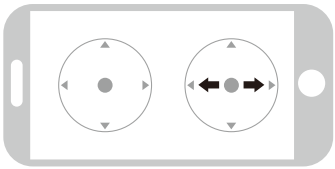
Move the Left Ball to the left to rotate the drone to the left. Move the Left Ball to the right to rotate the drone to the right.

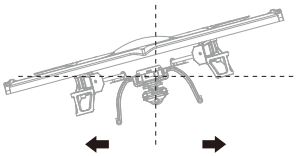




To fly right or left:

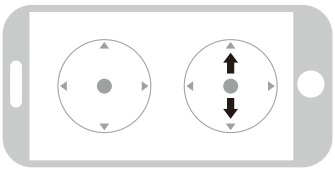
Move the Right Ball to the left to fly the drone to the left, and move the Right Ball to the right to fly the drone to the right.

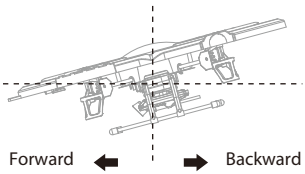




To fly forward or backward:

Move the Right Ball up to fly the drone forward, and move the Right Ball down to fly the drone backwards.

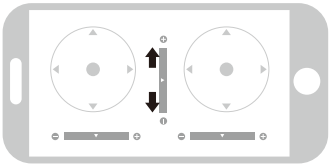


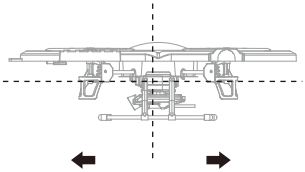


5.1 Trimming Adjustment

If the drone tilts forward or backward

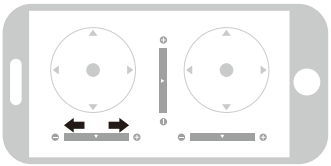
Click the "-" of the Forward / Backward Trimmer to adjust the drone till balance if the drone tilts forward. Click the "+" to adjust the drone till balance if the drone tilts backward.

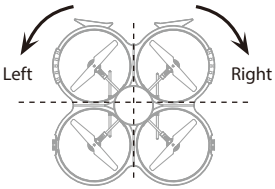




If the drone rotates to left or right

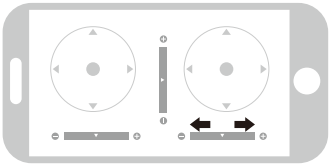
Click the "+" of the Left / Right Rudder Trimmer till balance if the drone rotates left. Click the "-" to adjust the drone till balance if the drone rotates right.

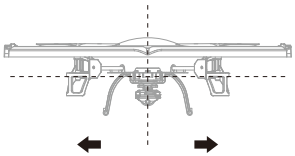




If the drone tilts to the left or right

Click the "+" of the Left / Right Flying Trimmer till balance if the drone tilts to the left. Click the "-" to adjust the drone till balance if the drone tilts to the right.

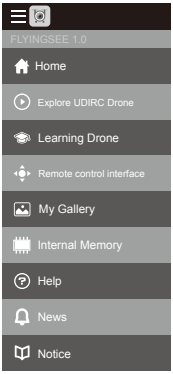




Note:

1. If you can not find the WiFi signal to connect, turn off WiFi and turn on again to search and connect.
2. The available WiFi control radius/distance is 40m, please control the drone within this range.
3. When changing control method from mobile phone to transmitter, exit from the APP.

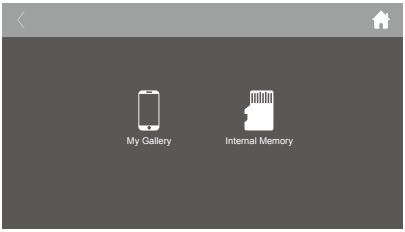
6. Media



Main Menu

To view the photos and videos.

To view the aerial photography dates saved in the TF card.



Media Interface

Tip: Only when authorizing the APP to read your mobile phone media data, or you maybe unable to view the aerial photography.

7. To take photo and record video

1. Insert the TF card to the slot in accordance with Picture 17. Make sure the metal side of the card faces up as the picture.
2. The aerial photo will be saved in your mobile phone and the TF card, while the video only be saved in the TF card. But you can view and download the video to the mobile phone only when the mobile phone connecting with the drone WiFi and the TF card in the drone.

Tip: Click on the video icon to save a video when ending recording, or the video cannot be saved.

3. Power off the drone first when finish aerial photography. Take out TF card and insert the card to a card reader. Connect the card reader with computer USB port. After a while, view the aerial photography data from "my computer"-"mobile disk".

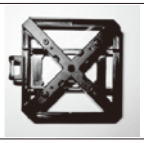
Picture 17

Tip: Please play the video or photo after coping all aerial photography data to computer and make sure the play software can support AVI format.

Basic parameter for aerial camera: Video DPI 1280*720P;
Image Size 1280*720P.

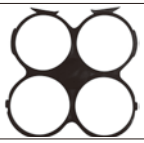
11. Spare Parts

For convenience, the spare parts are listed for you to choose, which can be purchased from the local seller.



U818AWIFI-01
Main Frame

U818AWIFI-02
Propeller



U818AWIFI-03
Housing

U818AWIFI-04
Landing Gear

U818AWIFI-05
Carbon Fiber Tube and Tooth Gear

U818AWIFI-06
Clockwise Motor (Red and Blue Wire)

U818AWIFI-07
Counterclockwise Motor (Black and White Wire)

U818AWIFI-08
Clockwise Motor Parts (Blue Light)

U818AWIFI-09
Clockwise Motor Parts (Red Light)

U818AWIFI-10
Counterclockwise Motor Parts (Blue Light)

U818AWIFI-11
Counterclockwise Motor Parts (Red Light)

U818AWIFI H-12
Receiving Board

U818AWIFI-13
Camera

U818AWIFI-14
TF Card

U818AWIFI-15
Battery

U818AWIFI-16
USB Cable

U818AWIFI-17
Card Reader

U818AWIFI H-18
Transmitter

Troubleshooting Guide

No.	Problem	Problem Cause	Solution
1	The transmitter indicator light is off	1. Low battery.	1. Replace the transmitter battery.
		2. The battery positive pole and negative pole are in reverse order.	2. Install the battery in accordance with the user manual.
		3. Poor Contact.	3. Clean the dirt between the battery and the battery slice.
2	Fail to pair the drone with transmitter	1. Indicator light is off.	1. The same as above 1.2.3.
		2. There is interfering signal nearby.	2. Restart the drone and power on the transmitter.
		3. Misoperation.	3. Operate the drone step by step in accordance with the user manual.
		4. The electronic component is damaged for frequent crash.	4. To buy spare parts from local seller and replace damaged parts.
3	The drone is under-powered or can not fly.	1. The propeller deformed seriously.	1. Replace the propeller.
		2. Low battery.	2. Recharge the drone battery.
		3. Incorrect installation of propeller.	3. Install the propeller in accordance with the user manual.
4	The drone could not hover and tilts to one side.	1. Fail to calibrate the drone.	1. Refer to 7.3 calibration instruction.
		2. The propeller deformed seriously.	2. Replace propeller.
		3. The motor holder deformed.	3. Replace the motor holder.
		4. The gyro did not reset after violent crash.	4. Put the drone on the flat ground for about 10s or restart the the drone to calibrate again.
		5. The motor is damaged.	5. Replace motor.
5	The drone indicator light is off.	1. Low battery.	1. Recharge the drone battery.
		2. The battery is expired or over discharge protection.	2. Buy a new battery from local seller to replace the battery.
		3. Poor contact.	3. Disconnect the battery and then connect it with the plug again.
6	Could not see the picture.	1. Did not connect the wire of camera box or poor contact.	1. Check the wire and connect well.
		2. There is interfering signal nearby.	2. Cut off the wire and re-connect.
		3. Damaged camera.	3. Buy a new camera box from local seller to replace.
7	Hard to control by cellphone.	1. Not experienced enough.	1. Practice and read the cellphone controlling instruction carefully.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rul es.These limits are designed to provide residential protection against harmful interference in a residential installati This equipment generates, uses and can radiate radio frequency energy and, if not Installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception. which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

FCC WARNING:

The equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authority to operate this device.

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