

\* Press down Heading hold mode button, the drone's left and right LED will start flashing alternately, it shows the drone enters Heading hold mode, press the button again, then the LED gets solid and the drone ESC from heading hold mode.

Heading Hold Mode



## Low Battery Alarm

When the drone is low on battery, the transmitter will beep twice to remind the user to land the drone as soon as possible.

When the remote is low on battery, the transmitter will beep twice to remind the user to land the drone as soon as possible. If the transmitter dies while the drone is still in the air, the drone may fly out of control.

## Out of Range Alarm

When the drone is about to fly out of the maximum transmission range, the transmitter will beep three times to remind the user to fly the drone back into range. If this is not done as quickly as possible, the drone may lose control and fly away.

## When the Propellers and Motor Get Stuck

When the propellers get stuck, the drone's LEDs will flash quickly and activate the Stuck Protection function. From there, the motors will stop running to ensure that they are protected.

Pull down the Left stick to the lowest position and the drone's LEDs will stay a solid color. The Stuck Protection function will be released and the drone will be able to fly again.

## Using the Application


### Downloading and Installing Flyingsee

Flyingsee is an application for mobile phones with iOS and Android systems:

- Search "Flyingsee" in the App Store to download the app onto iOS devices.
- Search "Flyingsee" in the Google Play store to download the app onto Android devices.
- Scan the appropriate QR code below to download the app directly.

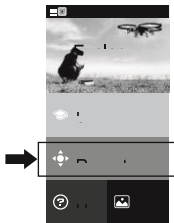



### Frequency Pairing between Mobile Phone and Drone WiFi:

1. Install the LiPo battery into the drone and power it on. Put the drone on a flat surface in a horizontal position.
2. Enter "Set Up" on the mobile phone, turn on WiFi(WLAN) and choose udirc-\*\*\*\*. Then return to your desktop or homescreen.
3. Click on the Flyingsee icon and select  to enter the remote control interface and experience real time transmission.



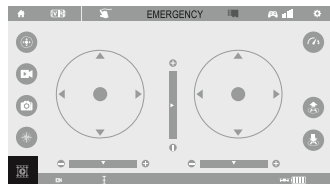
Click on the icon



4. Click  to enter the Virtual Control Interface. When the drone's LED lights change from flashing to a solid color, the drone is ready to be controlled with the app.

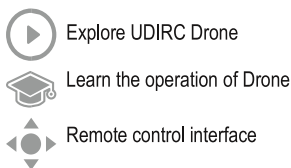
#### Important Tip:

Ensure the drone is placed on a flat surface in a horizontal position so that it will function properly and maintain control.



## Introduction for APP Icons

### Home Page Icons



## Remote Control Interface



Click on the icon and back to home page.



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.




Click on this icon and it will turn red. Draw a flight route in the area you are going to be flying in. The drone will then fly according to the flight route you have mapped out. Click on the icon again to exit from Flight Route Setting Mode; the icon will turn white.

### **EMERGENCY** Emergency Stop

This icon is red by default. Click this icon and the propellers will stop immediately.



When the TF card is out of the drone camera, this icon will show: 

When the TF card is in the drone camera, this icon will show: 



## Remote Control Signal

To show the drone's WiFi signal strength.



## Settings

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

- Click on "Save" to save trimming setting.
- Choose "Reset" for factory reset.
- Select "720P" transmission quality.



## Remote Control



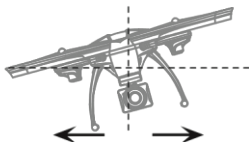
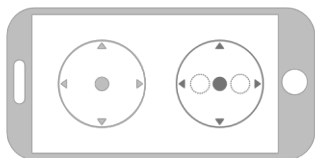
### Virtual Control Stick

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

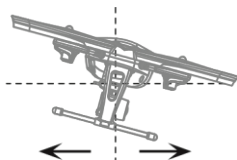
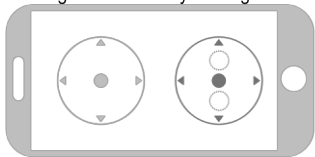


### Gravity Induction Mode

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 photos.



### 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.



### One Button Take Off

Click on this icon and it turns red shortly. The drone will fly up automatically and stay flying at an 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 running.



### Altitude hold icon

This indicates the drone's altitude position.



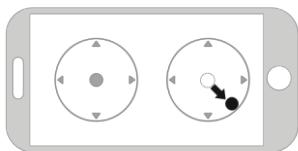
### Drone battery status icon

When the drone battery capacity drains to around 15%, the phone will vibrate to warn you that the battery is going to run out and you need to fly back and replace the battery as soon as possible.

## App Calibration Instructions

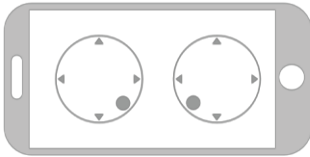
If the drone becomes difficult to operate and hover you will need to recalibrate again.

Please refer to the Frequency Pairing between Mobile Phone and Drone WiFi. Do not push the Left Ball before successful calibration. Move the Right Ball as the in the picture shown on the right. The front light will begin to flash once you do, indicating that



the drone is calibrating. When the drone body front light changes to a solid color, this will indicate that a successful calibration has been completed and that the drone is ready to be controlled.

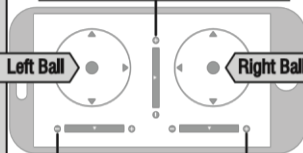
## App Flying Control



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 motors, then the drone is ready to control.

**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.

**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.



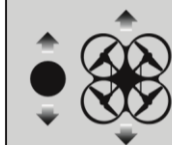
**To fly right or left :**  
Move the Right Ball to the left to fly the drone to the left, and move the Right Ball to the right to fly the drone to the right.



**To 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.

**If the drone rotates to left or right**  
Click the "+" of the Rotation 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 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.

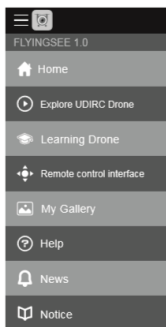


**To fly forward or backward:**  
Move the Right Ball up to fly the drone forward, and move the Right Ball down to fly the drone backwards.

### Notice:

1. If you cannot find the WiFi signal to connect to, turn off WiFi and turn it back on again to search and connect.
2. The available WiFi control radius/distance is 40m, so stay within this range.
3. When alternating control from mobile phone to transmitter, the transmitter's Left stick must be in the center position, or exit from the app.

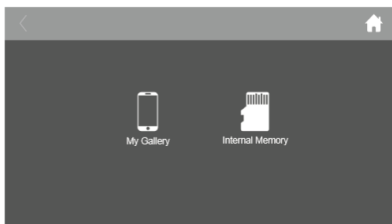
## Display the photos and videos



Main menu



To view the photos and videos.



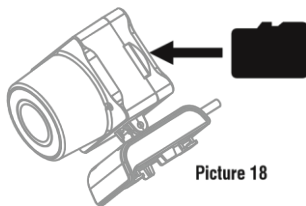
Media interface

**Notice:** The Flyingsee app must be authorized to access the phone gallery. If it's not authorized to do so, you will not be able to display the videos and photos.

The photos are stored in the local phone gallery and TF card, while the videos are only stored in the TF card. You will need to download the videos to the phone's gallery and display them there.

## Taking a Photo and Recording a Video

1. Insert the TF card to the slot as shown in Picture 18. Make sure the metal side of the card faces up as shown.
2. Aerial photos will be saved in your mobile phone and on the TF card, while videos can only be saved in the TF card. You can download the video onto your mobile phone while connecting the drone WiFi and the TF card.



Picture 18

**Tip:** Click on the video icon to save a video when ending the recording.

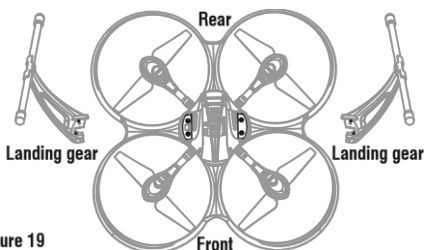
3. Power off the drone when you are finished with aerial photography.
4. Take out the TF card and insert it into a card reader.
5. Connect the card reader with a computer USB port. After a moment, you will be able to view the aerial photography data from My Computer -> Mobile Disk.

**Tip:** Play the video or photo after coping all aerial photography data to the computer and make sure your playback software can support the .AVI format.

## Spare Parts Installation Instruction

### Landing Gear Installation

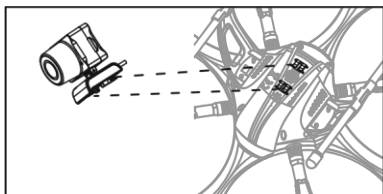
Install the left and right landing gear to the bottom housing position as shown in Picture 19. Then, use the screwdriver to turn the screws clockwise.



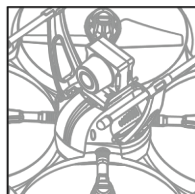
Picture 19

### Camera Box Installation

Insert the camera buckle into the underside of the drone as shown in Picture 20. Then, fasten it as shown in Picture 21.



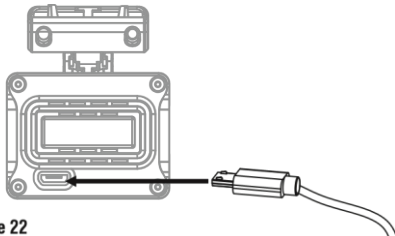
Picture 20 Camera box buckle entrance direction



Picture 21

### Camera Wire Connection

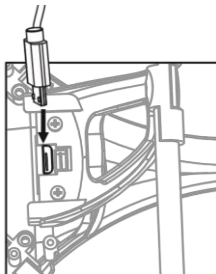
1. Plug the included Micro USB cable into the camera socket as shown in Picture 22.



Picture 22

2. Plug the cable into the bottom housing socket on the drone as shown in Picture 23.

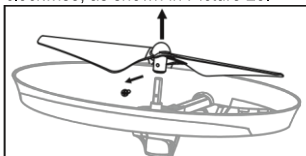




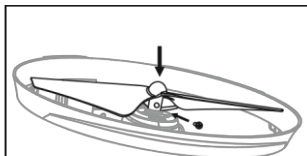
Picture 23

## Propeller Replacement

1. Turn the screw shown in Picture 24 counter clockwise to remove the damaged propeller.
2. Put the new propeller into the housing and reattach the screw, now turning clockwise, as shown in Picture 25.



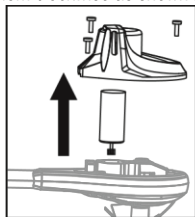
Picture 24



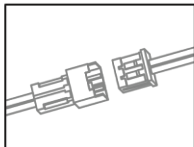
Picture 25

## Motor Installation

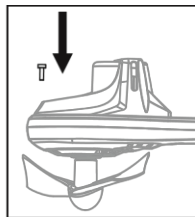
1. Rotate the screwdriver counter clockwise to remove the three PCS screws in the lampshade.
2. Disconnect the wires and then take out the defective motor as shown in Picture 26.
3. Connect the connector in the new motor into the socket as shown in Picture 27.
4. Put the new motor into the lampshade, then reattach the 3 PCS screws, turning them clockwise as shown in Picture 28.



Picture 26

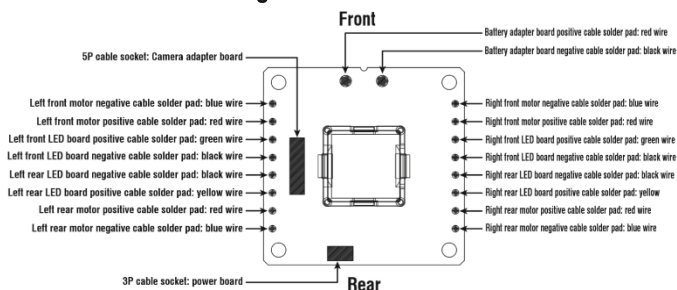


Picture 27



Picture 28

## Receiver Board Soldering



## Spare Parts



**U818A Plus-01**  
Drone cover housing

**U818A Plus-02**  
Drone bottom housing

**U818A Plus-03**  
A Propeller

**U818A Plus-04**  
B Propeller



**U818A Plus-05**  
Landing Gear

**U818A Plus-06**  
Motor cover holder A

**U818A Plus-07**  
Motor cover holder B

**U818A Plus-08**  
Motor bottom holder

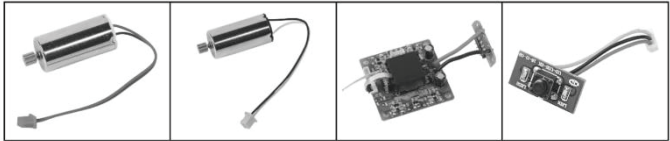


**U818A Plus-09**  
Receiver board holder

**U818A Plus-10**  
lampshade

**U818A Plus-11**  
Camera

**U818A Plus-12**  
AL main shaft



**U818A Plus-13  
B Motor (Red and  
blue wire/  
Red connector)**

**U818A Plus-14  
A Motor (Black and  
White wire/White  
connector)**

**U818A Plus-15  
Receiver board  
(include battery  
adapter board)**

**U818A Plus-16  
POWER board**



**U818A Plus-17  
Camera adapter  
board**

**U818A Plus-18  
Front LED board  
(Green)**

**U818A Plus-19  
Rear LED board  
(Red)**

**U818A Plus-20  
Micro terminator**



**U818A Plus-21  
Drone battery**

**U818A Plus-22  
USB Cable**

**U818A Plus-23  
Gear**

**U818A Plus-24  
TF Card**



**U818A Plus-25  
Card Reader**

**U818A Plus-26  
Transmitter**

## Troubleshooting Guide

No.	Problem	Problem Cause	Solution
1	The transmitter indicator light is off	<ol style="list-style-type: none"> <li>1. Low battery.</li> <li>2. The battery's positive and negative poles are in reverse order.</li> <li>3. Poor Contact.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the transmitter battery.</li> <li>2. Install the battery in accordance with the user manual.</li> <li>3. Clean the dirt between the battery and the battery slice.</li> </ol>
2	Failure to pair the drone with transmitter	<ol style="list-style-type: none"> <li>1. Indicator light is off.</li> <li>2. Signal interference</li> <li>3. Improper operation</li> <li>4. The electronic component is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. See 1.2.3.</li> <li>2. Restart the drone and the transmitter.</li> <li>3. Operate the drone step by step in accordance with the user manual.</li> <li>4. Buy a replacement part as shown in the previous section.</li> </ol>
3	The drone is underpowered or cannot fly.	<ol style="list-style-type: none"> <li>1. The propeller is deformed.</li> <li>2. Low battery.</li> <li>3. Incorrect installation of propeller.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the propeller.</li> <li>2. Recharge the drone battery.</li> <li>3. Install the propeller in accordance with the user manual.</li> </ol>
4	The drone cannot hover and tilts to one side.	<ol style="list-style-type: none"> <li>1. The propeller is deformed.</li> <li>2. The motor holder is deformed.</li> <li>3. The gyro did not reset after a crash.</li> <li>4. The motor is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the propeller.</li> <li>2. Replace the motor holder.</li> <li>3. Restart and recalibrate the drone.</li> <li>4. Replace the motor.</li> </ol>
5	The drone indicator light is off.	<ol style="list-style-type: none"> <li>1. Low battery.</li> <li>2. The battery is expired or over discharge protection.</li> <li>3. Poor contact.</li> </ol>	<ol style="list-style-type: none"> <li>1. Recharge the drone battery.</li> <li>2. Buy a new battery.</li> <li>3. Disconnect and reconnect the battery.</li> </ol>
6	Can't see the picture.	<ol style="list-style-type: none"> <li>1. Poor contact.</li> <li>2. Signal interference</li> <li>3. Damaged camera.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the wire and make sure it's properly connected.</li> <li>2. Remove and reconnect the camera wire.</li> <li>3. Buy a new camera box</li> </ol>
7	Difficulty with cell phone controls.	<ol style="list-style-type: none"> <li>1. Inexperienced user</li> </ol>	<ol style="list-style-type: none"> <li>1. Carefully re-read the instructions for using the app.</li> </ol>
8	Double image when using VR	<ol style="list-style-type: none"> <li>1. Lens focal length is not correct.</li> </ol>	<ol style="list-style-type: none"> <li>1. Move the lens to the proper position until the image is clear.</li> </ol>

## FCC Note

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 Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.



**MADE IN CHINA**

