



# BLUE HERON WIFI FPV

With 120° wide-angle 720P HD WIFI Camera

## USER MANUAL



**U49W**

## FOR MORE INFORMATION

Visit us online at [force1rc.com](http://force1rc.com) for product information, replacement parts, and flight tutorials.



**ATTENTION:  
BEFORE FLYING YOUR  
DRONE, PLEASE  
WATCH THIS FLIGHT  
INSTRUCTION VIDEO.**



<https://youtu.be/tk3qzsUwoWs>



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## WELCOME!

Welcome to the Force1 Team, and thank you for your Force1 drone purchase. Please read this manual carefully before drone operation.

- (1) This drone is not a toy! It's a pro-level drone suitable for experienced RC drone users aged 14 years and older. You accept all liability for operation.
- (2) This drone does not require FAA registration or permitting, but FAA rules still apply. Please download the B4UFLY mobile app for the most up-to-date zoning info, and heed all local government ordinances.
- (3) The flying field must be legally approved by your local government.

Any questions? We'd love to hear from you! Please contact us at [support@force1rc.com](mailto:support@force1rc.com) any time and we'll be happy to help.

**\*Please use only original Force1 parts and accessories.**

**\*Please keep the packaging and this user manual for future reference.**

## SAFETY PRECAUTIONS

This drone is suitable for experienced RC drone operators aged 14 years and older. It contains small parts, and should be kept out of reach of small children.

Please follow these safety procedures:

### (1) Flight Zone

This drone does not require FAA registration or permitting, but FAA rules still apply. Please download the B4UFLY mobile app for the most up-to-date zoning info, and heed all local government ordinances.

### (2) Avoid Moisture

Humidity and water can damage your drone, which in turn may cause accidents.

### (3) Fly Safely

Please operate your drone as your skill level allows. User fatigue, impairment and improper operation can cause accidents.

### (4) Avoid Moving Parts & Hot Motors

Do not touch propellers, motors or other moving parts while your drone is on.

### (5) Avoid Heat

Keep your drone away from heat and prolonged exposure to direct sunlight to avoid damage.

## LI-PO BATTERY CARE

### Avoid Overheating

Your batteries will sometimes be warm/hot to the touch after use. This is normal, but beware that battery components will fail if not allowed to cool down between uses. Also, do not leave batteries exposed to direct sunlight.

### Store Properly

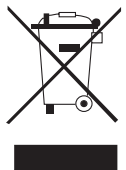
Store batteries at room temperature, between 5C°/40°F and 27°C/80°F.

### Use Carefully

- Leave time between charging and using the battery
- To extend the lifetime of the battery, always keep about 20% of the power remaining in the drone battery (rather than completely draining it)
- If the battery is pushed beyond its limits, the battery could get hot and the performance will drop
- When using the battery for a long time, the battery will increase in temperature. If it is sealed, the air inside will inflate rapidly causing further heating

### Charging

- DO NOT overcharge the battery; never charge batteries unattended, and stop charging as soon as your batteries indicate they are charged
- DO NOT attempt to charge batteries that appear damaged in any way (cracking, swelling, discoloration, etc.)
- If you feel a battery isn't charging properly, try using another charger if possible. If you find your battery or charger is defective, please visit [force1rc.com](http://force1rc.com) for a replacement, or email us at [support@force1rc.com](mailto:support@force1rc.com)
- To inspect a battery, remove it from the device and examine the battery, battery pins and contacts. If you notice damage, please visit [force1rc.com](http://force1rc.com) for a replacement, or email us at [support@force1rc.com](mailto:support@force1rc.com)
- Check your battery and connections after every crash
- Please use genuine factory parts and replacements from [force1rc.com](http://force1rc.com)



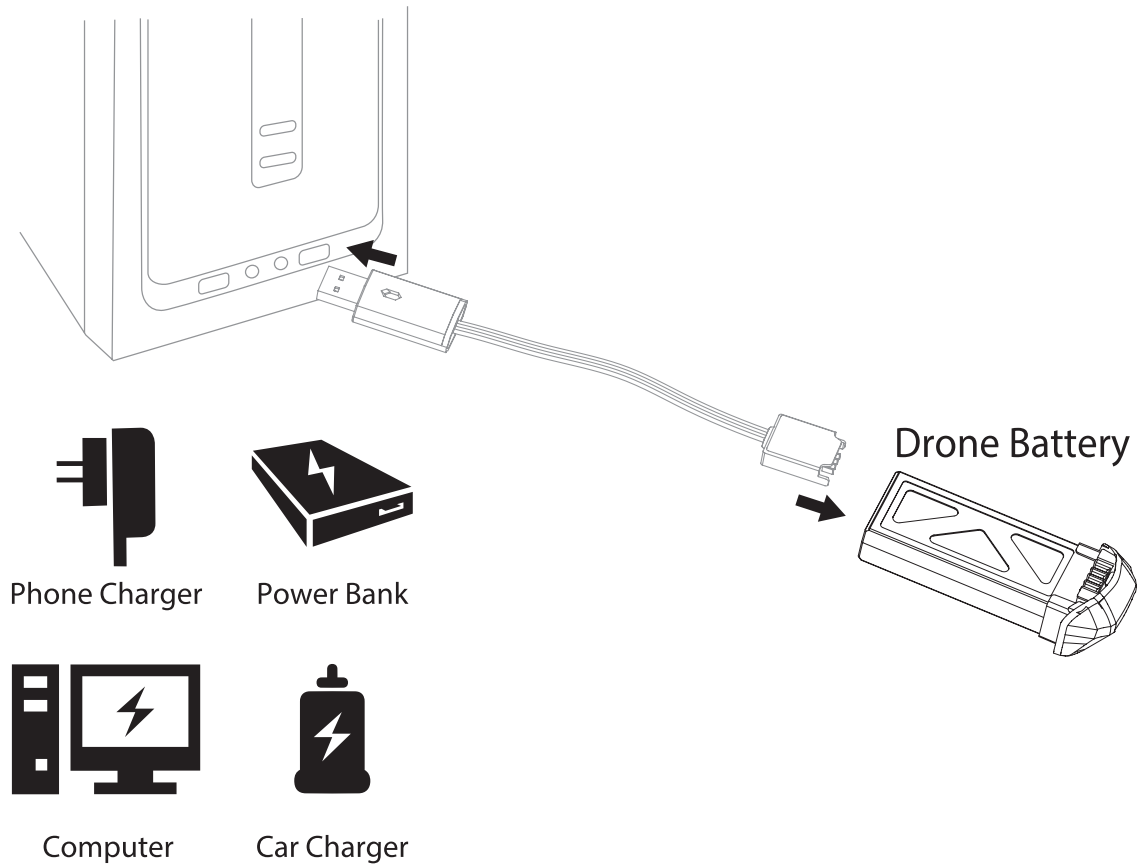
## LI-PO BATTERY DISPOSAL & RECYCLING

Do not put lithium-polymer batteries in household trash.  
Please contact your local waste management agency or LI-PO  
battery recycling center for more info.



## DRONE BATTERY CHARGING

1. Connect the drone battery with USB cable first and then choose one of the methods below to connect with USB plug.
2. The red USB indicator light turns on when charging and the light turns green when fully charged.



**WARNING:**  
**DO NOT LEAVE**  
**BATTERY CHARGING**  
**UNSUPERVISED.**

# BOX CONTENTS



DRONE



TRANSMITTER



2 x 7.4v 1000mAh LiPo BATTERY



PROPELLERS (4)



USB CHARGER CABLE



MICRO USB CABLE

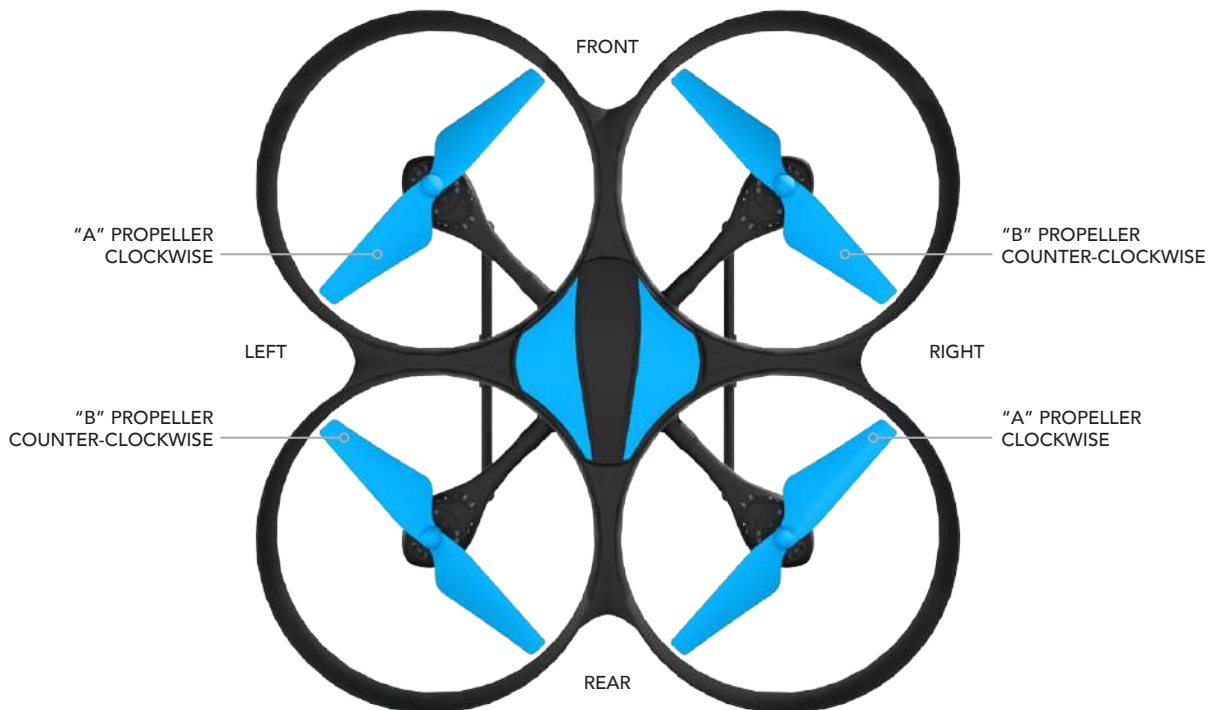


USB SD CARD READER



DRONE TOOLS

# DRONE OVERVIEW





# TRANSMITTER OVERVIEW



## TRANSMITTER BATTERY INSTALLATION

Open the battery cover and insert 4 AA batteries as shown below (not included).



FIGURE 1



FIGURE 2

### CAUTION:

- The transmitter needs 4 AA batteries to work
- Insert batteries in correct polarity (+) and (-)
- Don't mix old and new batteries
- Don't mix alkaline, standard (carbon-zinc) and rechargeable (nickel-cadmium) batteries
- Remove rechargeable batteries before charging
- Only charge batteries under adult supervision
- Remove spent batteries from the transmitter
- Regularly inspect the charging cable, cord, plug, enclose and other parts; if you notice damage, please visit [Force1rc.com](http://Force1rc.com) for a replacement, or email us at [support@force1rc.com](mailto:support@force1rc.com)

## PHONE INSTALLATION INSTRUCTION

1. Pull up the phone holder (Fig. 3), open the lower clamp, then pull the upper holder until it can hold the phone (Fig. 4).
2. Put the phone into the holder, then release the clamp, the clamp will hold the phone tightly (Fig. 5/6).



FIGURE 3



FIGURE 4



FIGURE 5



FIGURE 6

## DRONE ASSEMBLY

### PROPELLERS REMOVAL/INSTALLATION

#### REMOVAL

Use the screwdriver to remove set screw, then lift propeller up. (Fig. 7)

#### INSTALLATION

Replace with a new propeller with the same rotation direction. Re-insert the screw into the hole (Fig. 8), then tighten the screw in clockwise.

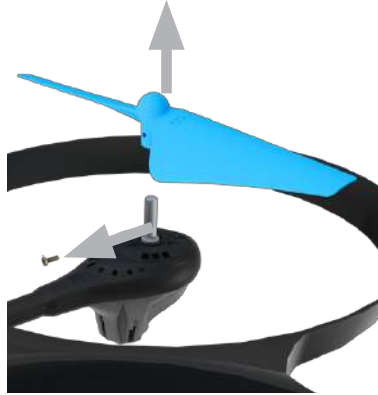


FIGURE 7

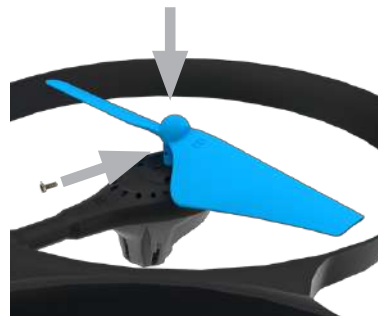


FIGURE 8

#### NOTE

- Be sure to install the correct propellers matching A and B (Fig. 8)
- Be careful with the propellers, as they can be sharp
- Purchase extra propellers at Force1rc.com

### MOTOR REPLACEMENT

#### REMOVAL

Rotate the screwdriver in counter clockwise to loosen the screw, and take out the 3PCS screws in the cover, disconnect the wire (Fig. 10) and then take out the defective motor (Fig. 9).

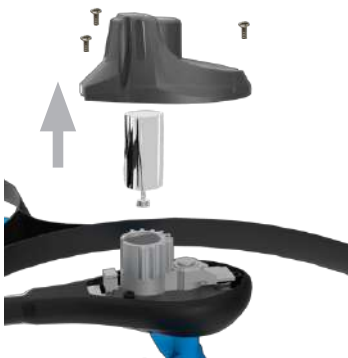


FIGURE 9



FIGURE 10



FIGURE 11

#### INSTALLATION

Replace the old motor with the new motor (same rotation), connect the motor wire (Fig. 10), put on the cover, then tighten the screws in the clockwise direction (Fig. 11).

**CAUTION: Ensure that you install the correct motor orientation (clockwise or counter-clockwise) to replace the non-working motor, otherwise the drone will not work.**

## DRONE ASSEMBLY

### BATTERY INSTALLATION

Install the battery to the mounted box in the drone (Fig. 12). When you install the battery, you need to press down the clip and then push the battery until fully secured.

To remove the battery, gently push down on the battery clip, keep it pressed and then slide the battery out (Fig. 13).

**NOTE: When inserting the battery into the drone please ensure that the battery sticker is facing upwards.**



FIGURE 12



FIGURE 13

### LANDING GEAR INSTALLATION

Install the left and right landing gear to the bottom housing position (Fig. 14), then use the screwdriver to tighten the screws in the clockwise direction.



FIGURE 14

## DRONE ASSEMBLY

### CAMERA INSTALLATION

Insert the camera clip into the bottom of the drone (Fig. 15), and then push the camera in (Fig. 16).



FIGURE 15



FIGURE 16

### CAMERA WIRE CONNECTION DIAGRAM

1. Insert the attached Micro USB Cord to the camera socket (Fig. 17).
2. Insert the Micro USB Cord into the bottom housing socket (Fig. 18).



FIGURE 17



FIGURE 18

## PREFLIGHT OPERATION

### FREQUENCY PAIRING

1. Turn on the transmitter switch (Fig. 19) 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. (Fig. 20 / 21) The power indicator light flashes slowly, which indicates the transmitter is ready for frequency pairing.



FIGURE 19



FIGURE 20



FIGURE 21

2. Install the battery to the mounted box in the drone and then power on the drone (Fig. 22).



FIGURE 22

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 in the horizontal position after powering on the drone, so that the drone can work well.**

### CHECKLIST BEFORE FLIGHT

1. The camera is in front of the drone. Keep the drone front facing away from you.
2. Power ON the drone and check the direction of the rotating propellers. The left front and right rear A propellers should be rotating clockwise while the right front and left rear B propellers should be rotating counterclockwise.
3. Activate (unlock) motors: Move the Left Stick and Right Stick at the same time as Figure 23 shown (45 degree inward) to start the motors and repeat previous step again to lock the motors.

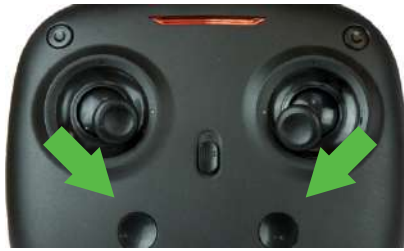


FIGURE 23

4. After activating the motors, push the left stick up slowly to fly the drone upwards. Pull down the left stick slowly to the lowest end, then the drone will land on the ground slowly.
5. It's recommended to repeat Step 2-4 for practice.
6. Adjust the trim using the trimmer button if the drone moves in a certain direction too much while flying.

## CALIBRATION INSTRUCTION

Please follow the below steps to calibrate the drone if it becomes imbalanced after crashing and the trim buttons are not balancing the drone adequately.

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 (Fig. 24) and then release. The left stick will spring back to the middle position automatically (Fig. 25). The transmitter is ready for frequency pairing mode.

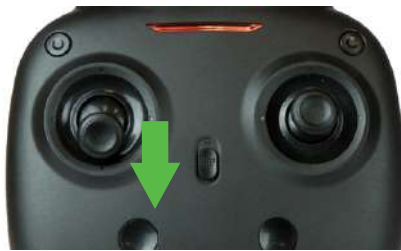


FIGURE 24



FIGURE 25

3. Power on the drone and put it on a flat surface in a horizontal position. The drone body lights change to solid bright, which indicates successful pairing.
4. Do not move the left stick before successful calibration. Push the right stick down and to the right, then release (Fig. 26). The drone body lights flash, which indicates that the drone is calibrating. When the lights turn solid, the drone has been successfully calibrated.



FIGURE 26

**Notice: When the drone is fiercely impacted or crashed, the gyro may not recover its original position and cause difficulty in control, if this is the case, then you need to power OFF and power on again to calibrate.**

# BASIC FLIGHT CONTROLS

## HOVER UP AND DOWN

Push the THROTTLE/RUDDER STICK up to fly the drone up, and pull the THROTTLE/RUDDER STICK down to fly the drone down.



## FLY FORWARD OR BACKWARD

Push the DIRECTION CONTROL STICK up to fly the drone forward, and pull the DIRECTION CONTROL STICK down to fly the drone backward.



## FLY LEFT OR RIGHT

Move the DIRECTION CONTROL STICK to the left to fly the drone to the left, and move the DIRECTION CONTROL STICK to the right to fly the drone to the right.



## ROTATE LEFT OR RIGHT

Move the THROTTLE/RUDDER STICK to the left to rotate the drone to the left, and move the THROTTLE/RUDDER STICK to the right to rotate the drone to the right.

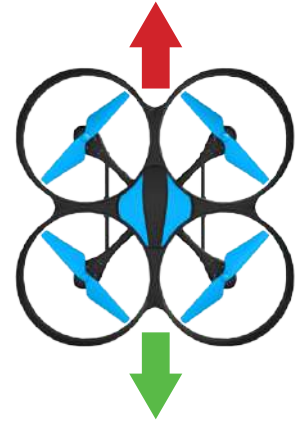




## TRIM ADJUSTMENTS

### FORWARD/BACKWARD TRIM

Press the TRIMMER MODE BUTTON and adjust using the DIRECTION CONTROL STICK. If the drone drifts forward when taking off, push backwards, or forwards if drone drifts backwards.



### LEFT/RIGHT TRIM

Press the TRIMMER MODE BUTTON and adjust using the DIRECTION CONTROL STICK. If the drone drifts right when taking off, push left, or right if drone drifts to the left.



### LEFT OR RIGHT ROTATION TRIM

Press the TRIMMER MODE BUTTON and adjust using the THROTTLE/RUDDER STICK. If the drone rotates right when taking off, push left, or right if drone rotates to the left.



## FUNCTIONS

### TAKE OFF/ONE BUTTON TAKE OFF/LANDING MODES

**Method 1** (Take Off): After successful frequency pairing, push the left stick and right stick as shown in Figures 25-27 to start the motors and then release. Then push up the left stick to fly up the drone to desired altitude and then release the stick.



FIGURE 25



FIGURE 26



FIGURE 27

**Method 2** (One Button Take Off): After successful frequency pairing or motors activated, press the Take Off / Landing / Emergency Stop Button (Fig. 28). The drone will fly up automatically and keep flying at an altitude of approximately 4 meters.



FIGURE 28

### LANDING METHODS

**Method 1** (Landing): When flying, push the left stick all the way down to the lowest position (Fig. 26) and hold it until the motors stop and the drone will slowly land on the ground.

**Method 2** (One Button Landing): When flying, press the Take Off / Landing / Emergency Stop Button once (Fig. 28), and the drone will land on the ground automatically. (When using this function, do not touch the left stick. Moving the left stick will cancel the auto landing)

**Emergency Stop:** When the drone is in an emergency situation or you need to land the drone, press the Take Off / Landing / Emergency Stop Button immediately and hold it for more than 1 second (Fig. 28). The propellers will stop immediately and the drone will drop down to the ground.

**NOTE: Do not use the Emergency Stop function unless in an 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 beginners and more stable for aerial photography.

Push the THROTTLE/RUDDER STICK up/down to fly the drone up/down at certain altitude and then release the Stick. The Stick will return to the center position (Altitude Hold Center) as shown in Figure 29. And the drone will keep flying at current altitude. Repeat above steps if you want to change the drone altitude (Default mode).

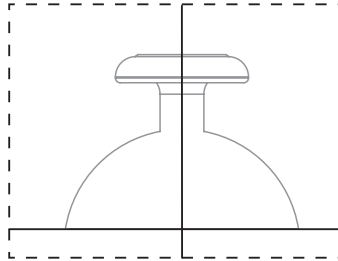


FIGURE 29

**Note: The Altitude Holding Mode cannot be used when the blades are accidentally deformed or damaged.**

## HIGH/MEDIUM/LOW SPEED MODE SWITCH

Press on the button once to hear ONE BEEP which means Low Speed Mode "L". Press the button a second time and you will hear TWO BEEPS which means it's on Medium Speed Mode "M". Press the button a third time to hear THREE BEEPS which means it's on High Speed Mode "H".

### Low Speed Mode (Mode 1)

Low Speed Mode is suitable for beginners

### Medium Speed Mode (Mode 2)

Medium Speed Mode is suitable for skillful pilots and for use in a gentle breeze.

### High Speed Mode (Mode 3)

High Speed Mode is suitable for experts and aerial stunts outdoors.



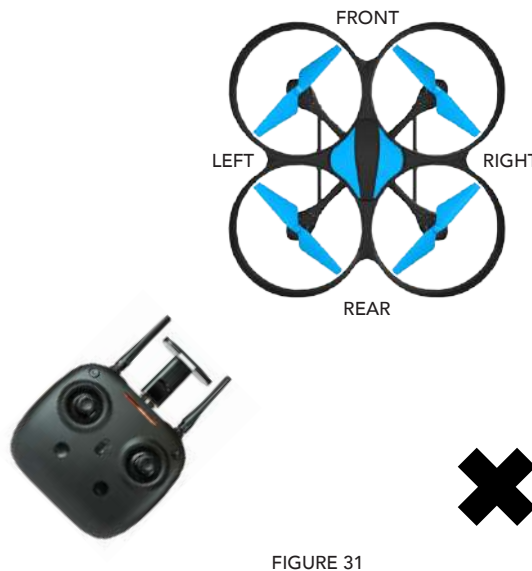
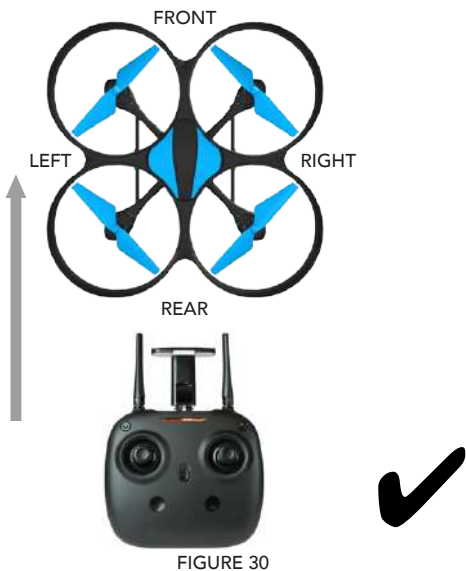
FIGURE 27

## HEADING HOLD MODE (HEADLESS MODE)

Drones generally have a front and back indicated by LED lights or colored propellers. Before take off, users are instructed to position the head of the drone away from the user. When flown in daylight or at a far distance, determining which side is the front or back becomes difficult. When the drone is in Headless Mode, push the Right Stick forward/backward/left/right and the drone will fly accordingly.

Prerequisite: Position the drone in such a way that its front is your front (see Fig. 30).

Tip: Do not change the orientation of the transmitter (see Fig. 31) after entering headless mode.



Press down the Heading Hold mode button (Fig. 32), 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 turns solid and the drone exits from Heading Hold mode.



## LOW BATTERY ALARM

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

## OUT OF RANGE ALARM

When the drone is going to fly out of the max remote control distance, the transmitter will double beep continuously to alarm the user to fly the drone back immediately. Otherwise the drone may lose control and fly away.

## MOTORS STUCK PROTECTION

1. When the propellers get stuck, then the drone LED will flash quickly and activate stuck protection function and the motors stop running.
2. Pull down the left stick to the lowest position, the drone LED will get a solid light and stuck protection will be released and the drone can fly again.

# GETTING TO KNOW YOUR APP


## 1. DOWNLOAD AND INSTALL THE "FLYINGSEE" APP

This app is compatible with mobile phones running iOS or Android. To download the app:

1. Scan the QR code below or the QR code on the product box to download the App.
2. iOS system: search Flyingsee in APP Store.
3. Android system: search Flyingsee in Google Play.



## 2. HOW TO PAIR YOUR MOBILE DEVICE & DRONE WI-FI


1. Put the drone on a flat surface in a horizontal position.
2. Check your batteries and power on the drone.
3. Make sure your mobile device Wi-Fi settings are on and connect to the Wi-Fi name udirc\_XXXX.
4. Return to your home screen after successful connection.
5. Tap the FLYINGSEE app and click  to enter the transmitter interface for real-time transmission.

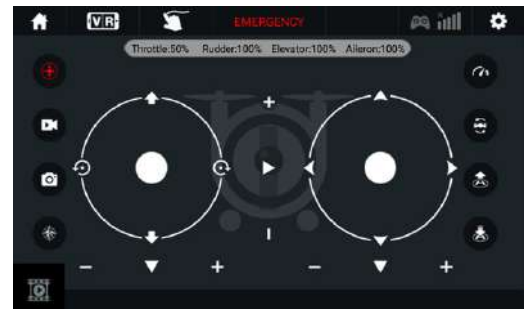


HOME PAGE



REAL-TIME TRANSMISSION INTERFACE

6. Click on  to enter the Virtual Control Interface. Drone lights will stop flashing, which indicates successful frequency pairing. You can now use the app to control the drone.








VIRTUAL CONTROL INTERFACE

### NOTE:


Ensure the drone is on a flat surface in a horizontal position when pairing or the drone may not pair properly.


### 3. APP ICONS

#### 1. HOME PAGE ICONS

-  Explore UDIRC Drone
-  Help
-  Learn Drone Operation
-  Media
-  Remote Control Interface

#### 2. REMOTE CONTROL INTERFACE




 **Home Page Icon:** Click on the icon to go back to the home page.


 **Virtual Reality Mode:** Click on the icon to enter VR Mode to experience first-person view (only available when using with a VR headset). Click on the icon again to exit VR Mode.




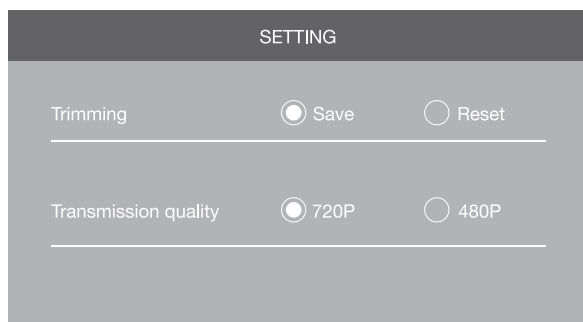
 **Custom Route Mode:** When you click on this icon, it will turn red. Draw a flight route in the right screen. The drone will fly the route. Click on the icon again to exit from Custom Route Mode. The icon will turn white.

**EMERGENCY** **Emergency Stop:** This icon is red by default. Click this icon and the propellers will stop immediately, grounding the drone. **Only use this function in emergency situations.**

 **SD Card:** If there is no SD Card in the drone, the icon shows as . If there is an SD Card in the drone, the icon shows as .

 **Remote Control Signal:** To show the drone's Wi-Fi 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.



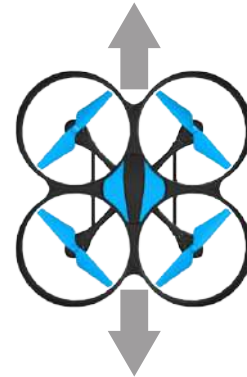
**Virtual Control Stick:** The virtual control stick is hidden by default. Click on the icon to turn on the virtual control stick.



**Gyroscope Mode (aka Gravity Induction Mode):** Use the orientation of your mobile phone to control your drone. The throttle remains in place. The drone will change the flying direction according to the incline direction of the phone. Click on the icon again to exit this mode.



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



If the mobile phone tilts 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.



**Headless Mode:** Click this icon to fly without having to know the orientation of your drone.



**Media:** Click this icon to view or delete aerial video/photos. Click the arrow to exit.



High/Low Speed Mode: Your drone starts in Low. Click on "H" to enter High-Speed Mode.



360° Flips: Click this icon to do 360° flips.



1-Key Lift: Click this icon to take off automatically hover at an altitude of 3.9 ft.



1-Key Land: Click this icon to land your drone and stop the propellers.

## 4. CALIBRATION

Always calibrate your drone with your transmitter before flying, and recalibrate after takeoff if you experience difficult operation.

1. Please refer to the Calibration section (p. 13) for instructions and apply them to the app controls.
2. Do not push the Left Ball before successful 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

### START THE DRONE

Move the left and right "stick" down and inward at the same time to start the drone as shown at right, or click the 1-Button Takeoff icon to start the drone.





## 5. APP FLYING CONTROL

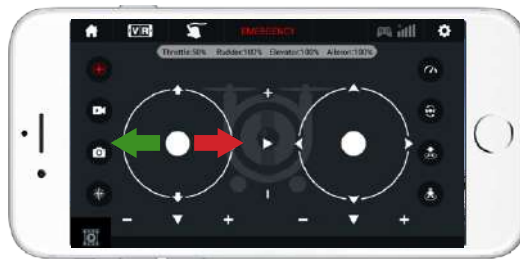
### FLY UP AND DOWN

Move the left "stick" up to fly the drone up, and move it down to fly the drone down. The drone will stay flying at the altitude you choose.



### ROTATE LEFT OR RIGHT

Move the left "stick" to the left to rotate the drone to the left. Move the left "stick" to the right to rotate the drone to the right.



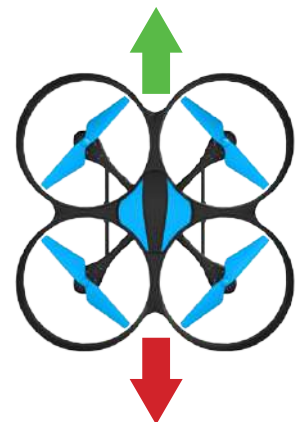
### FLY LEFT OR RIGHT

Move the left "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.



### FLY FORWARD OR BACKWARD

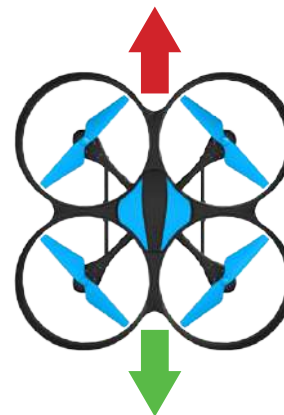
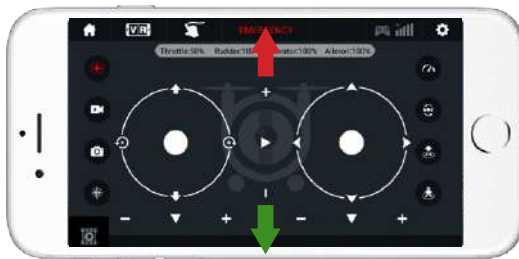
Move the right "stick" up to fly the drone forward, and move the right "stick" down to fly the drone backward.



## 6. APP TRIMMING ADJUSTMENTS

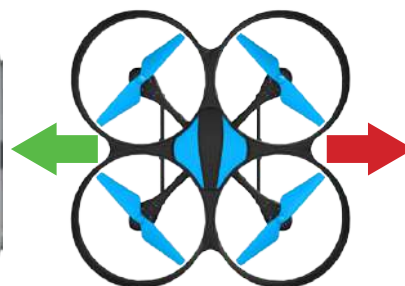
### FORWARD/BACKWARD TRIM

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.



### LEFT/RIGHT TRIM

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.



### LEFT OR RIGHT ROTATION TRIM

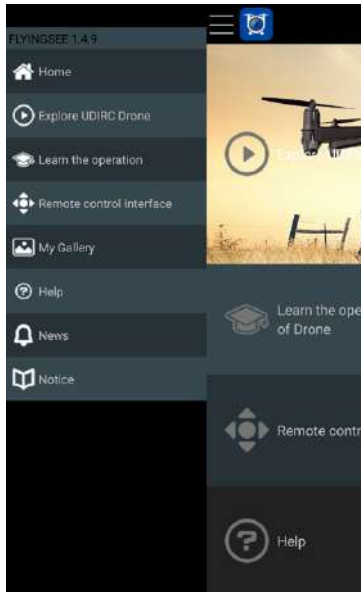
Click the “+” of the Left / Right Rudder Trimmer till balance if the drone rotates left. Click the “-” to adjust the drone till balance if the drone rotates right.



**NOTE:**

If you can't find the Wi-Fi signal, turn it off and then on again to search and connect. The available Wi-Fi control radius/distance is 40 meters, so be sure to keep the drone in range. Exit the app when you're changing control method from mobile phone to transmitter.

## 7. MEDIA



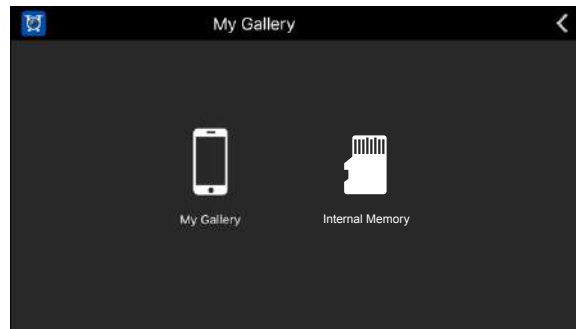
MAIN MENU



To view the photos and videos.



To view the aerial photography saved in the memory card.



MEDIA INTERFACE

**NOTE:**

You'll need to authorize the app to read your phone's media data. If you don't, you may be unable to view aerial photography.

## 8. AERIAL PHOTOGRAPHY & VIDEO

1. Insert the SD card as shown (Fig. 22), making sure the metal side is facing up.
2. Photos will be saved to your mobile device and the SD card, while video will only be saved to the card. You can download the video to your device only when it's connected to the drone via Wi-Fi.



FIGURE 22

**NOTE:**

Click on the video icon to save a video when you end recording or the video won't be saved.

3. Power off the drone after capturing aerial photography. Take out the SD card and insert it into a card reader or computer. View the media from "my computer" / "mobile disk."

**NOTE:**

Please view media after transferring it to your device to ensure your software supports the AVI format.

Camera video / photo quality: 1280p x 720p.

# TROUBLESHOOTING

Problem	Problem Cause	Solution
The transmitter power indicator light is off	<ol style="list-style-type: none"> <li>1. Low batteries</li> <li>2. The batteries' positive poles and negative poles are in reverse order</li> <li>3. Poor contact</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace all the transmitter batteries</li> <li>2. Install the battery in accordance with the User Manual instructions and check polarity</li> <li>3. Clean the battery compartment with a dry microfiber cloth to remove dust and dirt</li> </ol>
The drone and transmitter are not pairing with each other	<ol style="list-style-type: none"> <li>1. The transmitter power indicator light is off</li> <li>2. There is an interfering signal nearby</li> <li>3. Proper steps not followed, missed step</li> <li>4. An electronic component is damaged from frequent crashes</li> </ol>	<ol style="list-style-type: none"> <li>1. Please see solutions under "The transmitter power indicator light is off"</li> <li>2. Restart the drone and attempt to power on and pair</li> <li>3. Check Page 13 and closely follow all steps</li> <li>4. Buy spare parts from force1rc.com and replace any damage parts</li> </ol>
The drone cannot fly	<ol style="list-style-type: none"> <li>1. The propeller is damaged</li> <li>2. Low battery</li> <li>3. Incorrect installation of propellers</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the damaged propeller(s)</li> <li>2. Charge the drone battery, plug the charged battery into the drone, and power on.</li> <li>3. Check Page 7 and 10 of the User Manual for proper instructions</li> </ol>
The drone cannot hover and/or tilts to one side.	<ol style="list-style-type: none"> <li>1. Drone calibration was unsuccessful</li> <li>2. A propeller is damaged</li> <li>3. The motor casing/arm is damaged</li> <li>4. The gyro did not reset after a crash</li> <li>5. The motor is damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Refer to Page 14 for calibration instruction</li> <li>2. Replace the damaged propeller(s)</li> <li>3. Replace the damaged motor casing/arm</li> <li>4. Put the drone on flat ground for about 10 seconds or restart the drone to calibrate again (See Page 14 for instructions)</li> <li>5. Replace the motor (See Page 10 for instructions)</li> </ol>
The drone power indicator light is off	<ol style="list-style-type: none"> <li>1. Low battery</li> <li>2. The battery is expired or no longer charging</li> <li>3. Poor contact</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge the drone battery, plug charged battery into the drone</li> <li>2. Buy a new battery from force1rc.com and replace the battery.</li> <li>3. Disconnect the battery, make sure it's clean and has no bent/broken prongs then connect it to the drone plug again</li> </ol>
Could not see the Figure	<ol style="list-style-type: none"> <li>1. The camera wire has no contact with the camera box wire</li> <li>2. There is an interfering signal nearby</li> <li>3. Damaged camera</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the wire and connection to ensure it's fully plugged in</li> <li>2. Unplug the camera wire and reconnect</li> <li>3. Buy a new camera box from force1rc.com</li> </ol>

For technical support, contact [support@force1rc.com](mailto:support@force1rc.com)

## SPARE PARTS

			
Drone Housing 0001	Drone Bottom Housing 0002	A Propeller 0003	B Propeller 0004
			
Landing Gear 0005	Motor Cover Holder A 0006	Motor Cover Holder B 0007	Motor Bottom Holder 0008
			
Receiver Board Holder 0009	Transparent Motor Cover 0010	Camera 0011	AL Main Shaft 0012
			
Clockwise Motor 0013	Counterclockwise Motor 0014	Receiver Board 0015	Power Board 0016
			
Camera Adapter Board 0017	Front LED Board 0018	Rear LED Board 0019	Micro USB Cable 0020

# SPARE PARTS

			
<p>Drone Battery 0021</p>	<p>USB Cable 0022</p>	<p>Gear 0023</p>	<p>SD Card 0024</p>
			
<p>SD Card Reader 0025</p>	<p>Hex Wrench 0026</p>	<p>Screwdriver 0027</p>	<p>Transmitter 0028</p>

# 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 Rules. These limits are designed to provide residential 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. If this device causes radio or TV interference, which can be determined by turning the device off and on, try to correct the interference using 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 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. The device does not cause harmful interference, and
2. The device accepts interference, including interference that may cause undesired operation.



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