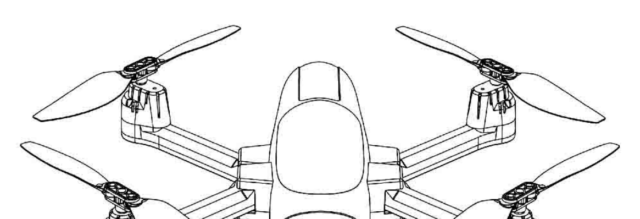
TSRC

AGES 14+

NO. A5

USER USE INSTRUCTIONS



— FOLDABLE PORTABLE —

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⚠ A WARNING DESCRIPTION

In order to ensure the requirements of the air-to-air wireless radio station electromagnetic environment, it is prohibited on the runway of the airport A variety of modal remote controllers are used in areas with a center point of 5000 meters in diameter. In the country there is during the period andwithin the region of the wireless pipe system issued by the customs department, the mode should be stopped as required remote instrument .

DISCLAIMER OF WARRANTIES AND SAFETY MUST BE KNOWN

To make your use of this product more expeditious and safe, please do so before using it carefully read all the contents of this handbook and keep it for later reading.

DISCLAIMER OF WARRANTIES AND SAFETY MUST BE KNOWN

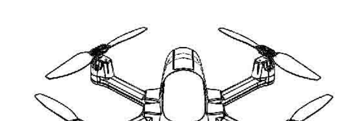
1. In order to protect the legitimate rights of users, please read me carefully before using this product we attach an instruction manual, disclaimer and safety instructions provided by this product.
2. This product is not suitable for use by people under 14 weeks of age, and must be used by people under 14 weeks of age it is used under the guidance of adult supervisors with or without man-machine flight experience.
3. Once you start using this product, and deemed that you have read,understood, recognized and accepted this product full text and content of the explanatory note, disclaimer and safety must be known.
4. In the process of using this product, please strictly abide by andimplement the included but unlimited in the Explanatory Book and in Safety, you must know the requirements. For violations of security, it is necessary to know the use of the instructions .Acts or acts may not be resistant to all human injuries, accidents, loss of property, and legal corrections caused by factors .The user is responsible for the conflict and other undesirable matters that create a conflict of interests .Ren and loss, our company and the agent do not live up to any of your responsibilities.
5. The user uses the product to produce hundreds of or indirect occurrences in violation of the provisions of the law, our company and the agency are not responsible for any responsibility.

SAFETY MUST BE KNOWN

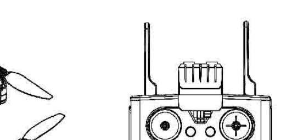
1. This product is not suitable for people under the age of 14 and others who are not competent for the full capacity of civil affairs soldiers.
2. This product has a high-speed rotating propeller and a strong flying force, which is used in operation .There is a certain degree of danger. Do not approach and touch the product while it is being transported.
3. When using this product, please stay away from the airport, railway, high-speed bus, high-rise building, power line, etc dangerous environment.
4. When using this product, please stay away from the mobile phone base station, high magnetic interference such as high power transmission equipment the environment.
5. When using this product, please stay away from various manned flyers.
6. Please do not use it in bad environments such as rain, lightning, sand, fog, snow, wind, and low temperature this product.
7. This product is not a water-proof design, please do not attach this product to the water area.
8. When operating this product, please always maintain the left and right of 10 meters between man-machine and human or animal safe distance away.
9. Please always keep no manned machine flying within the scope of the operator's vision.
10. Do not hover or leap over the crowd of people, please do not take pleasure in frightening others.
11. Please do not make this product in the field where a few children play.
12. Please do not use this product to pursue the normal operation of traffic tools or influence communication tools.
13. In non-urgent situations, please do not turn off the power-off machine when the product is flying in the air.
14. This product should not be used under conditions such as tobacco and alcohol, fatigue, taking medicines, and physical discomfort. Please inspect this product before each use, including but not limited to the firmness of spare parts
15. Solidity, cracks and wear on the body and propeller, battery capacity, effectiveness of the indicator light, etc. When you find abnormalities, stop using them immediately and swapp them.
16. Abnormal work conditions of no human machine may be unexpected, do not start spinning strong flying line .

17. Please do not try to stop any of the operational parts in the work of this product.
18. Please do not modify this product, or use this product for non-original purposes.
19. Please do not operate this product in the no-fly zone of laws and regulations.
20. Due to the large number of materials used in the aircraft, high temperature will damage the internal structure of no man machine. And lead to unpredictable consequences, so please keep unmanned equipment away from heat sources and avoid unmanned machines for a long time, it was exposed to direct sunlight.
21. Please follow the product description to conduct the operation.
22. Please use the original parts for maintenance and replacement.
23. To transfer the past to others, please ensure that the operator understands and abides by the safety of the people.
24. can not be mixed with different types of batteries.
25. Do not use swollen, exposed or damaged batteries.
26. When the battery is charged, please do not approach flammable objects (such as carpets, solid wood furniture and wooden floors, etc.)
27. Please use the original charging line to charge, please do not use other brands and damaged charging lines charge .
28. Please keep a safe distance from the high-speed rotating screw rotor to avoid the risk of strangulation and cut.
29. The model should not be used close to the ear! Misuse of the possibility can lead to hearing impairment.
30. The flying machine should be used as far away as possible from other electrical equipment and magnetic objects, they can create mutual interference.
31. Please do not short circuit, squeeze the battery, to avoid explosion.
32. The electric machine is a heating part, please do not touch it, so as to avoid the danger of permation.

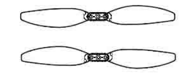
INCLUDED IN PACKAGE



Flyer x 1

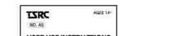


Remote controller x 1

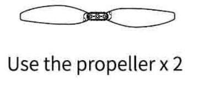


Use the propeller x 2

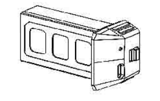
Instructions Book x 1



Screw knife x 1

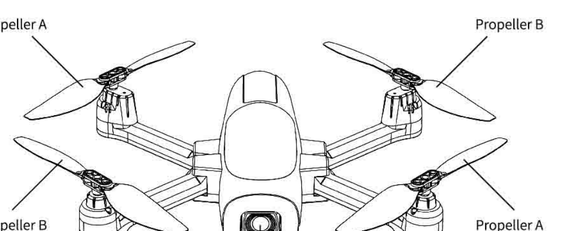


USB charging cable x 2

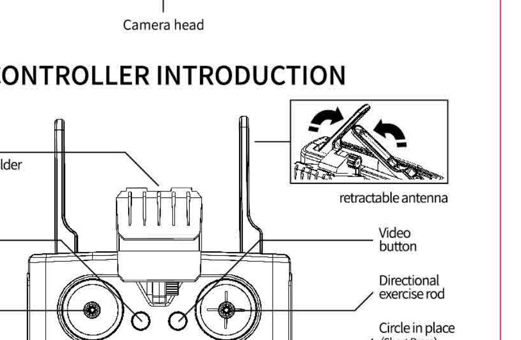


Charge Lithium battery x 2

INTRODUCTION TO FLYERS



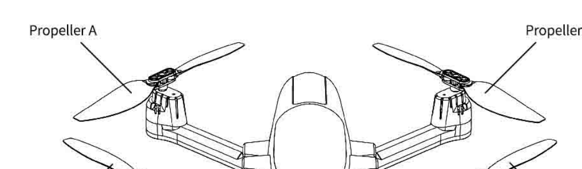
REMOTE CONTROLLER INTRODUCTION



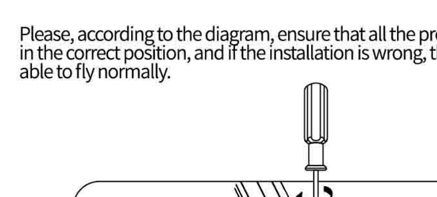
Independent Detachable Phone Holder
retractable antenna
Camera button
Video button
Throttle operating column
Directional exercise rod
Short press without head pattern
Long press not to put the match
Directions enter the vertical rod into the fine-tuning mode
(Front / Rear / Left / Right Fine Adjustment)
Circle in place
(Short Press)
Ring around flying
(Long Press)
One key to fly / drop
(Long press for 3 seconds tight drop)
lens up
lens down
Power on and off key
(Long press on / shutdown)
Speed regulation
(low speed/high speed, default low speed gear when power on)

FLIGHT INFORMATION

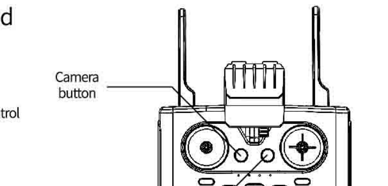
1 Propeller



Please, according to the diagram, ensure that all the propellers are installed in the correct position, and if the installation is wrong, the flyer will not be able to fly normally.



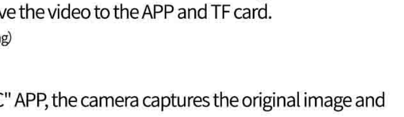
2 Camera head



1. Tap the 📷 button on the remote control, or click the 📷 button on the APP interface. When you hear a voice prompt, the APP makes a "click" sound, indicating that the camera takes a photo.
2. Long press the 📹 button on the remote control, or click the 📹 button on the APP, you will hear a voice prompt, and the recording time will be displayed on the APP, indicating that the camera is recording.
3. Long press 📹 on the remote control again or click ○ on the APP to stop recording and save the video to the APP and TF card.
(Video recording is not shooting)

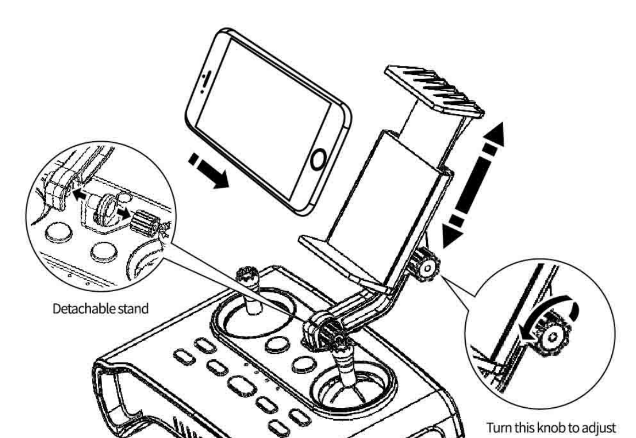
Notes:

When using the "TSRC" APP, the camera captures the original image and video are compacted and saved on the phone.



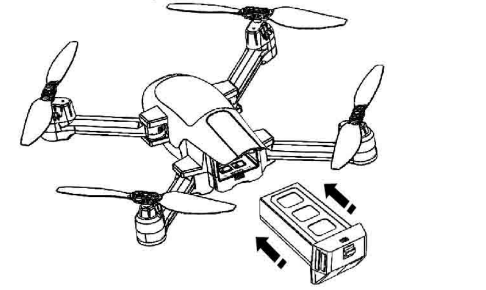
4. The original pictures and videos captured by the camera will be saved on the TF card.
Tap the TF card on the camera to remove the TF card. After loading the TF card into the card reader, connect the card reader to the USB port on the computer to read the data on the TF card. You can click the ▶ button on the APP to read the captured pictures and videos.

3 Mobile phone support



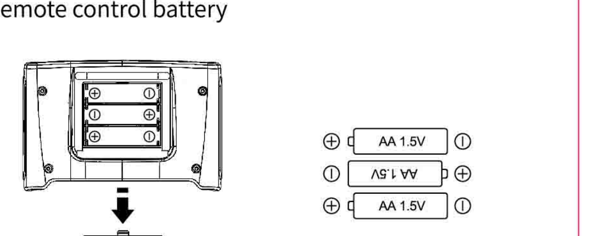
As shown in the figure above, the mobile phone is fixed on the mobile phone support frame of the remote machine, which can be based on the size of the mobile phone stretch the length of the support on the remote control to the point where the phone can be securely fixed to the support. Rotating the knob on the side of the bracket can also adjust the angle of the bracket, and the bracket also has a detachable function.

4 Installation battery



As shown in the figure above, the flying cell is loaded into the battery compartment at the rear of the fuselage.

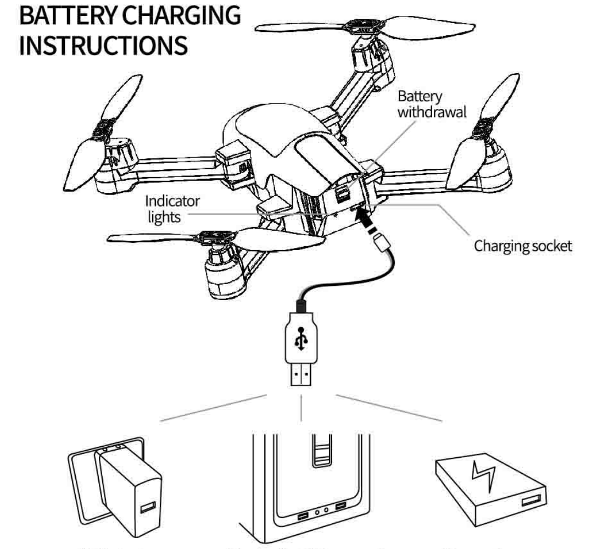
5 Remote control battery



Use Section 3 'AA' 1 . 5V battery
(Requires)

⚠ When installing the battery, please pay attention to the positive and negative polarity of the battery, and please ensure the correct installation of the battery.

BATTERY CHARGING INSTRUCTIONS

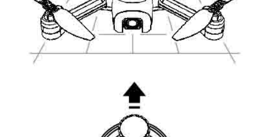


1. As shown in the figure above, the USB charging cable and the charging socket of the flying driver can be connected first
Connect to the charger, USB connector, or USB charging adapter (5V/0.5-2.0A) to power up.
2. When the battery is charged, the indicator light on the battery is red; When the battery is full, the indicator light is always on.
3.The charging time of the flying machine battery is about 3 hours, depending on the charging source)

⚠ Note:
When the drone is at low power, the APP mentions "drop", "drop", "drop", please stop the flight as soon as possible, and charge the drone cell. Before charging, please read the relevant provisions that you need to know about safety!

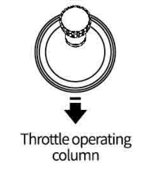
FLYING EXERCISES ARE GUIDED

1 Pre-flight settings



Step 1: Turn on the drone power

At this time, the drone placed on the surface automatically enters the frequency state, the indicator lights flash one by one.

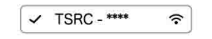


Throttle operating column

Step 2: Turn on the remote control

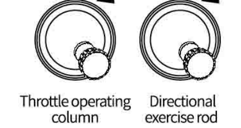
Turn on the remote control power on and off, and push the throttle operating rod up to the top and then push it At the end, for the frequency success, the indicator light is always on.

Note: At this time, you can do so through the state shown in the app signal connection .



Step 3: Connect to the APP

Turn on the Wi-Fi function of the mbbile device, select "TSRC-****" in the Wi-Fi list, and open the APP.

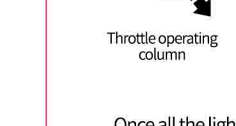


Throttle operating column   Directional exercise rod

Step 4: Compass Calibration

Push the remote throttle lever towards the "5" o'clock position towards the lever "5" o'clock position.
The indicator light flashes one by one

The app shows the state and enters the compass calibration.



Throttle operating column   Directional exercise rod

Step 5: Unlock the computer

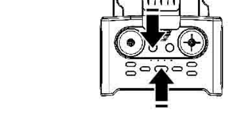
Push the throttle lever on the remote control towards 5 o'clock and direction throttle toward 7.

The automatic unlocking start of the electric machine, directly push the throttle lever to take off, or short press one-touch take-off (this feature is set before take-off).

Remotely push the throttle lever towards 7 o'clock, the square lever pushes towards 5 o'clock, and the power stops . After the computer is unlocked, it does not automatically stop the work after 20 seconds.

Once all the lights are displayed as constant, the flying machine can take off normally.

Indicator : On   App displayed : Ready to fly

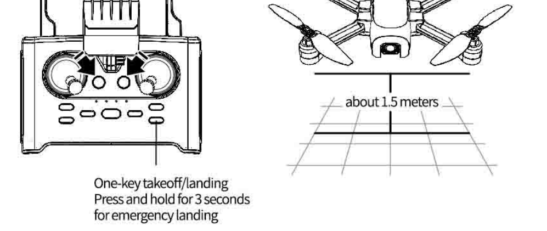


Left and right hand throttle cut

The remote controller operates when it is not powered on.

First press the "Shoot button" on the remote controller and then press "On" machine " key one "drop" "drop" two sounds cut for the right hand throttle. Reopen the machine is restored to the left hand throttle.

2 One-key takeoff/landing/emergency landing



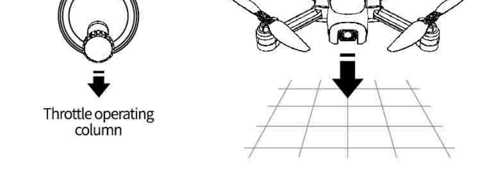
⚠ Rotating propellers are dangerous, do not start the aircraft near crowds

After unlocking the motor, push the throttle stick up or press ⬍ lightly, the propeller will start to rotate, and it will automatically take off and hover about 1.5 meters above the ground (please make sure the nose is facing forward). Tap ⬍ again and the aircraft will land automatically.
Please note that when the aircraft is running, do not touch the running propeller or motor to avoid unnecessary injury.

⚠ Press and hold ⬍ for 3 seconds to enter emergency landing mode.

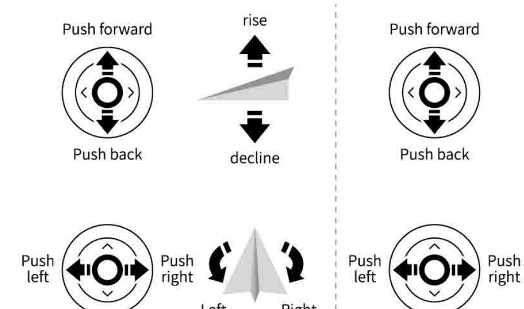
Use the emergency stop function only in critical situations to reduce losses and damage.

3 Manual landing



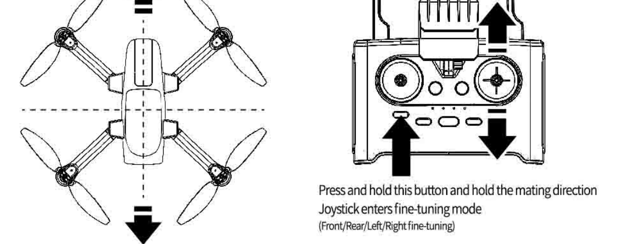
Slowly push down the throttle stick to land the aircraft. Keep pushing down for a few seconds and wait for the motor to stop rotating.

4 flight control



PRODUCT FUNCTION ANALYSIS

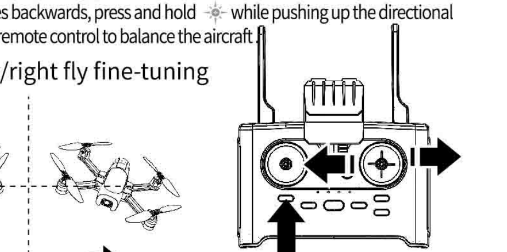
1 Forward/backward fine-tuning



Press and hold this button and hold the mating direction
Joystick enters fine-tuning mode
(Front/Rear/Left/Right fine-tuning)

When the aircraft flies forward automatically after taking off, hold down ✳ and push down the directional joystick of the remote control to balance the aircraft; if the aircraft deviates backwards, press and hold ✳ while pushing up the directional joystick of the remote control to balance the aircraft .

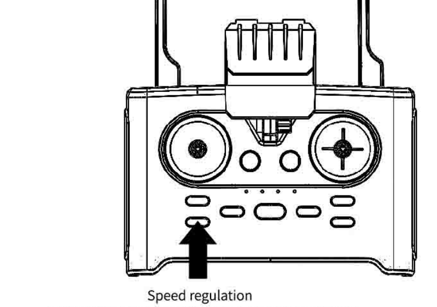
2 Left fly/right fly fine-tuning



Press and hold this button and hold the mating direction
Joystick enters fine-tuning mode
(Front/Rear/Left/Right fine-tuning)

When the aircraft deviates to the left automatically after taking off, press and hold ✳ and push the directional joystick of the remote control to the right to balance the aircraft; if the aircraft deviates to the right, press and hold ✳ while pushing the directional joystick of the remote control to the left to balance the aircraft .

3 Speed switch

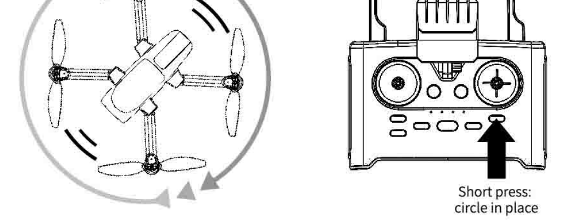


Speed regulation
(low speed/high speed, default low speed gear when power on)

The aircraft is equipped with two speed gears, namely low speed and high speed.
Press the speed adjustment button of the remote control once, the remote control emits a "di" sound, and the "low speed" mode is turned on; press it again, the sound of "di" and "di" is emitted, and the speed is switched to "high speed".

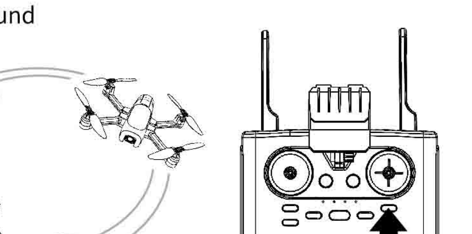
hint:
Start-up defaults to low-speed gear.

4 Turn around



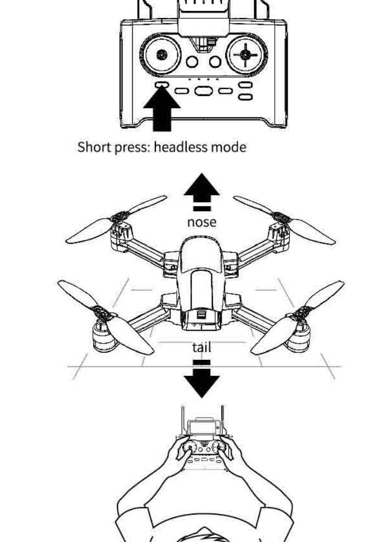
Short press the ↻ / ◁▷ button on the remote control, and the aircraft will circle in place.

5 fly around

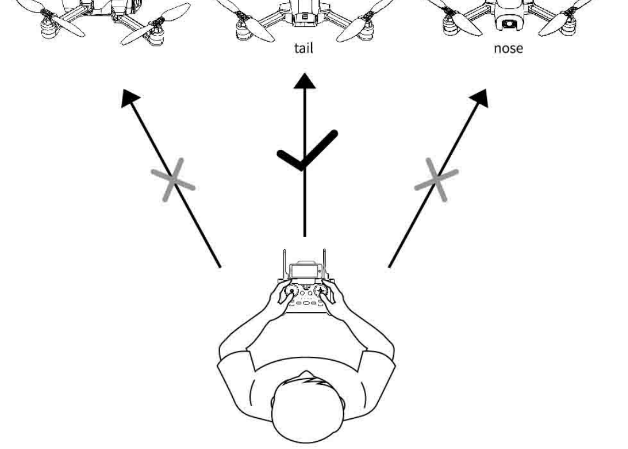


Long press the ↻ / ◁▷ button on the remote control, the aircraft will enter the surround flight mode.

6 headless mode



After frequency and level calibration, short press the ✳ button on the remote control, the aircraft will enter "headless mode".
After entering the headless mode, the aircraft indicator - flashes.
Short press the ✳ button again to exit the "headless mode"



(It is recommended that the orientation of the operator be the same as the orientation of the nose when the aircraft takes off)

In headless mode, the forward direction of the aircraft is based on the direction of the nose when the aircraft takes off. We recommend that the orientation of the operator is the same as the orientation of the nose when the aircraft takes off. When the operator pushes the directional joystick forward, the drone will fly forward; if the operator pushes the directional joystick backward, the drone will fly towards the operator; if the operator moves the directional joystick left/right, no The man-machine will move left and right relative to the operator.

APP installation and operation APP

Download/Install APP

Please scan the QR code below to download the "TSRC" app to use the relevant functions.

IOS system, domestic/foreign Android system

Applicable mobile phone system version

IOS 7.0 and above / Android 4.4 and above.

Wi-Fi connection

First turn on the aircraft, then turn on the smartphone, and enter the setting interface of the phone to start the search for available Wi-Fi networks:
——If you are using an iPhone, please select "Settings" -> Wireless LAN;
——If you are using Android system, please select "Settings" -> Wireless and Networks -> Wi-Fi.
Select the Wi-Fi signal named "TSRC - ****".
After the Wi-Fi signal is successfully connected, the connection between the aircraft and the mobile phone will be established automatically. At this point, exit the settings menu and enter the installed "TSRC" APP.
You can see the current status of the aircraft on the APP operation interface and perform corresponding operations.

BASIC PARAMETER INFORMATION

aircraft

model: A5
weight: 180g
motor model: 8620
operating temperature: 0° C~ 40° C

remote control

operating frequency: 2.4GHz
Battery Type: "AA" 1.5V battery (sold separately)
operating temperature

aircraft battery

capacity: 2000mAh
Voltage: 3.7V
Battery type: lithium battery
Electricity: 3.70Wh
Charging time: about 180 minutes (depending on the charging source and remaining battery power)
charging temperature: 5° C~ 40° C

APP/real-time image transmission

application: TSRC
Real-time image transmission frequency: 5GHz ISM
Real-time image transmission quality: 1080P @ 25fps
Latency: Low latency (subject to availability and mobile device)
Operating System: IOS 7.0 and above / Android 4.4 and above

USB charging cable

Voltage: 5V
rated power: ≤10W

Camera

lens angle: FOV 120° f / 2.0
Photo resolution: HD1920 x 1080p (stored in TF card/mobile phone)
Video resolution: HD1920 x 1080p (stored in TF card)
HD1280 x 720p (stored on phone)
maximum bit rate: 25Mbps
Supported file formats: FAT32
photo format: JPEG
video format: MP4
operating temperature: 0° C~ 40° C

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 RADIO/TV TECHNICIAN FOR HELP.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.