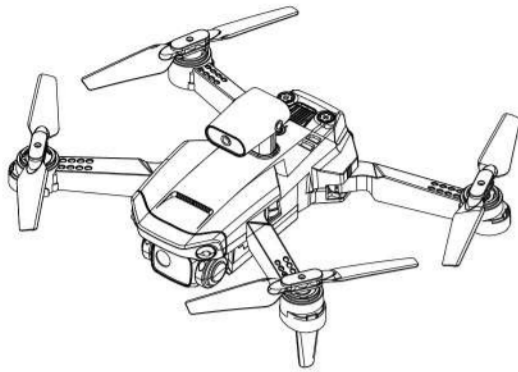


### FOLDING DRONE WITH OBSTACLE AVOIDANCE FUNCTION OPERATING MANUAL

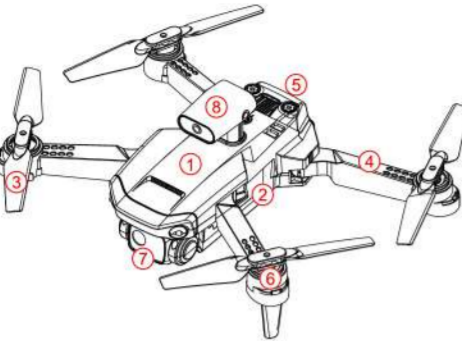
## 避障功能折叠无人机 使用说明书



\*Please read this manual carefully before operation and keep it properly for future reference.  
\*请在飞行前仔细阅读说明书并妥善保管以便日后参考。

### KNOW YOUR DRONE 认识你的无人机

With 2.4G frequency band for long remote control distance, Drone allows multiple flights at the same time without any interference. User can control it to fly, hover and take photos/videos with APP and WIFI connection on smart phone.



- 1 Upper Casing 机壳上盖
2 Lower Casing 机壳下盖
3 Propeller 风叶
4 Arm 机臂
5 Battery 电池
6 Motor 电机
7 Camera 摄像头
8 Obstacle avoidance equipment 避障设备

### BATTERY INSTRUCTIONS 电池使用注意

- There is a certain risk when using lithium battery...
\* If battery leakage occurs, please avoid contacting your eyes or skin with electrolyte...
\* Please remove the plug immediately if you sense any peculiar smell, noise or smog.

### Battery Charging 充电

- Use the charger from original factory to ensure your safe usage.
Do not charge dilant or outworn battery.

- Do not over charge battery. Please unplugging the charger once fully charged.
Do not charge the battery next to inflammables...

- Do not charge battery when it's hot.
Do not charge battery which is not cool down yet.
The charging temperature should be between 0°C to 40°C.

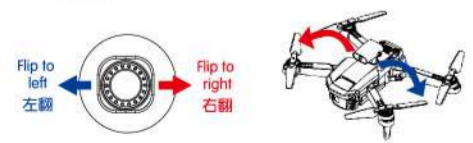
### Battery Recycling 回收

- Do not dispose the battery as daily rubbish.
This device is composed of electronic components...

### Flips & Rolls 翻滚

When the drone is reaching more than 3 meters high, click "360° flips and rolls" and move the right joystick to a certain direction...
\* 无人机飞到3米以上高度后, 点击翻滚键并将右操纵杆(方向舵)向一个方向移动, 可实现往此方向的翻滚动作。

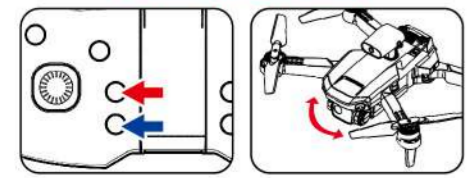
### Right joystick 右操纵杆



### Camera angle adjustment 摄像头角度调节

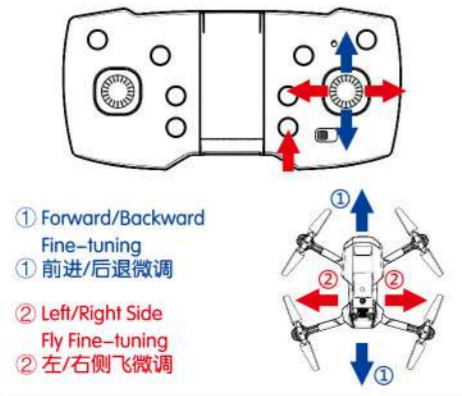
During the flight of the drone, the camera angle can be adjusted through the camera adjustment button. (This function is only available in the camera ESC version)

无人机飞行过程中可通过摄像头调节按键来调节摄像头的角度。(摄像头电调版本才有此功能)



### FINE-TUNING FUNCTION 微调功能

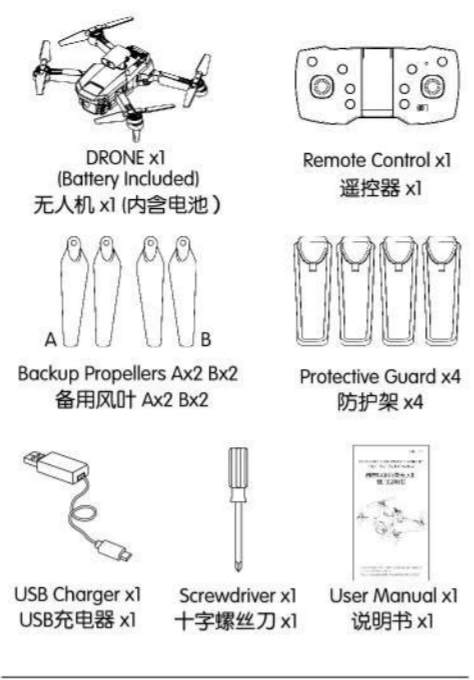
When the aircraft spins in the air or tilts in different directions, you can use fine-tuning to correct the action. Press the fine-tuning button and hear a beep...
\* 按下微调按键听到“滴”一声后, 然后反方向拨动操作杆进行调节校准, 直至飞行器不会偏航为止。进入微调后如果5-6秒没有进行操作, 微调功能就会自动退出。



### Notes 注意:

When the drone is within 30cm from the ground, it will be affected by the blade vortex...
“地效反应”指无人机飞行越时, 地面反应影响则越大。当无人机在距离地面30cm以内的位置, 无人机会受到自身旋翼滴流的影响而变得不稳定。

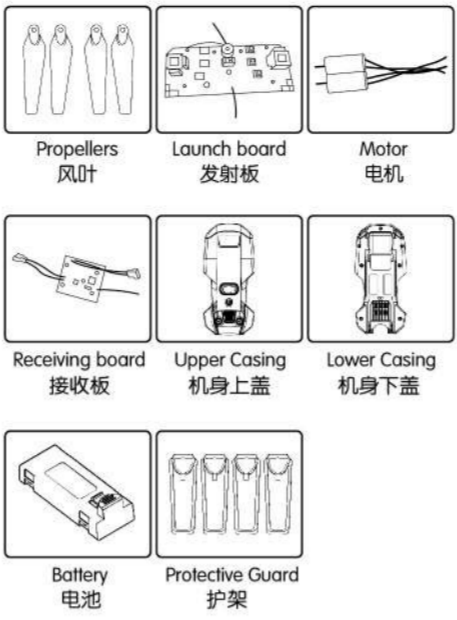
### ACCESSORIES 配件表



### Notes 注意:

Please check the number of accessories carefully (as shown above). Please provide proof of purchase and contact the store for replacement if any missing parts.
请仔细清点各配件及数量(如配件表), 如果发现不齐全, 请提供购买凭证, 及时联系商家退换货。

### OPTIONAL ACCESSORIES LIST 可另购配件表



### Notes 注意:

If any of the above accessories are damaged during operation, you can contact the seller to purchase.
操作过程中, 如有以上配件损坏, 可自行联系商家购买。

### PRE-FLIGHT PREPARATION 飞行前准备

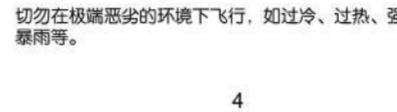
#### 1. FLIGHT ENVIRONMENT 选择飞行环境



Indoor: Spacious spaces away from barriers, crowds or pets are preferred.
In indoor flight: Please choose nearby obstacle-free, crowd and pet-free open spaces for flight.
Outdoor: Sunny, windless and breezy weathers are preferred.
In outdoor flight: Please choose clear and windless or light breeze weather for flight.

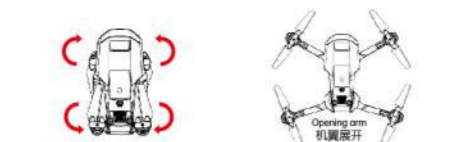


Please keep the drone in sight during the flight and keep it away from barriers, high-tension cables, trees and people.
Do not fly in extreme environment, such as hotness, coldness, strong wind or heavy rain.

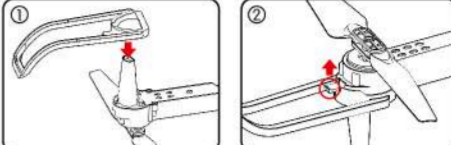


#### 2. OPEN THE WINGS 打开机翼

OPENING STEPS 打开机翼顺序:
1. Open the front arm to camera (先打开前机臂。(靠摄像头一侧))
2. Open the back arm (Fold the back arm firstly and then the front arm when folding. 再打开后机臂, 折叠时顺序相反。)

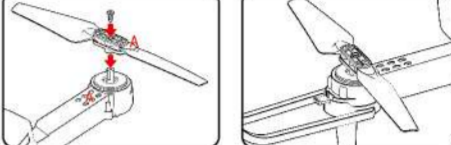


#### 3. ASSEMBLING PROTECTIVE GUARD 防护架安装



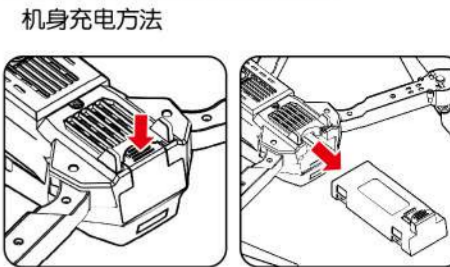
Align the protective frame with the arm and install it (Figure 1), press it until it is in place, and then press the position (Figure 2) up to fasten the protective frame.

#### 4. ASSEMBLING PROPELLERS 风叶安装

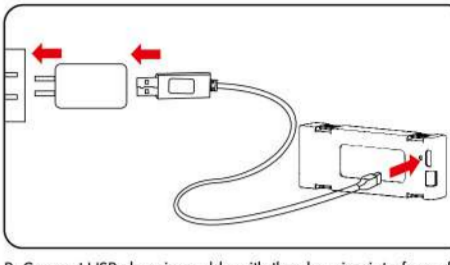


Align the blades with the motor shaft and install them the arm identification mark must be consistent with the blade identification. Tighten the screw clockwise.
将风叶对准电机轴安装上去(机臂标识与风叶标识要一致), 顺时针拧紧螺丝。

#### 5. BATTERY CHARGING FOR DRONE 机身充电方法



A. Remove the lithium battery from the bottom of the drone.
B. Connect USB charging cable with the charging interface of the lithium battery.



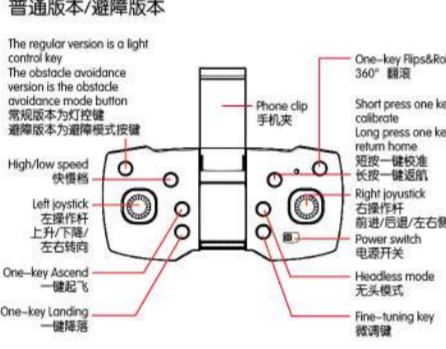
### Notes 注意:

LED lights on when charging and red light turn off when full charging completes. Charging time is about 150 minutes.
充电时LED灯亮, 充电结束时LED灯灭, 充电时间约为2.5小时左右。

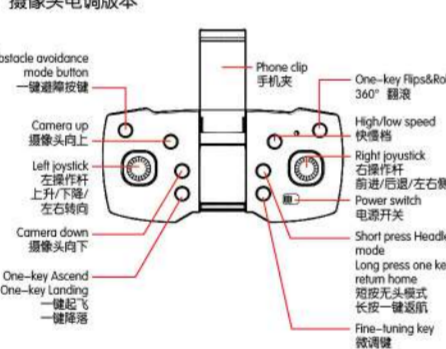
### KNOW YOUR REMOTE CONTROL 认识你的遥控器

#### 1. Parts of remote control 遥控器各部位名称

Standard version/Obstacle avoidance version 普通版本/避障版本

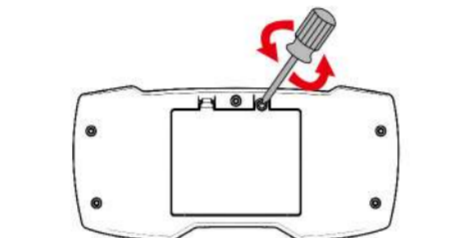


Camera ESC version 摄像头电调版本

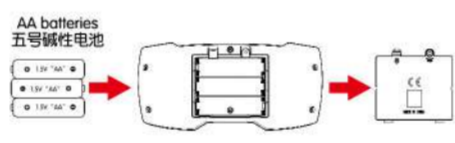


### LITHIUM BATTERY INSTRUCTION 锂电池安装及充电方法

#### 1. Open the remote control battery cover 遥控器电池盖的开启



#### 2. Remote control battery installation 遥控器电池的安装

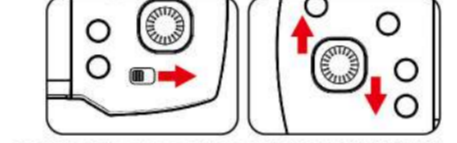


### Notes 注意:

- 1. Make sure the battery are loaded correctly according to the polarity indications on the battery compartment.
2. Please do not mix old and new batteries together.
3. Please do not mix different types of batteries together.

### SIGNAL CONNECTION OF TRANSMITTER AND RECEIVER 遥控器与无人机对频

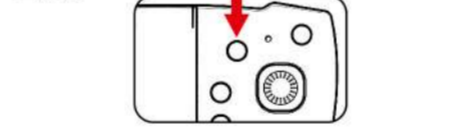
1. Turn on the drone and place it on a level surface...
2. Push the throttle joystick to the highest point then push back to the lowest point...



### TRANSMITTER CALIBRATION 遥控器校准

Apply transmitter calibration when the drone fails to take off vertically.
Standard version/Obstacle avoidance version Press the "One button calibration" button...

若无人机起飞不能垂直上升, 可对无人机校正。普通版本/避障版本 按下“一键校正”键, 此时无人机指示灯快速闪烁, 待指示灯常亮, 校正完成。



### START YOUR FLIGHT 开始飞行

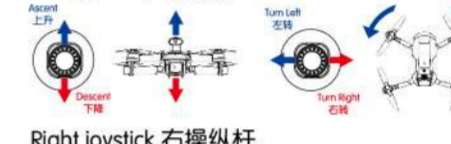
#### 1. One-key Ascend 一键起飞

Press the "One-key Ascend" button, the drone blades rotate and automatically fly to a height of 1.5 meters.

#### 2. Basic Flight 基本飞行

Use the left joystick to control the flight altitude and turn left/right, and the right joystick to control the forward, backward, left and right side flight directions.

### Left joystick 左操纵杆



### Right joystick 右操纵杆



### Obstacle Avoidance Mode 避障模式



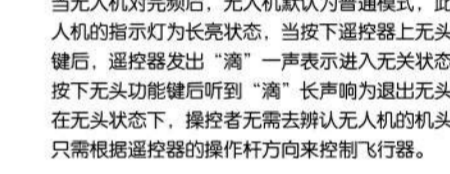
Press the button to turn on the obstacle avoidance mode, and press again to turn off the obstacle avoidance mode. Avoid obstacles on four sides and retreat in the opposite direction of the obstacle.

It is recommended to turn on the obstacle avoidance function in an indoor flight environment with a length and width of 6 x 6 meters or more. When the UAV turns on the obstacle avoidance mode, the speed will slow down and the fast gear cannot be turned on.

建议在室内飞行环境长宽6米x6米以上, 开启避障功能。当无人机开启避障模式时, 速度会变慢, 且不能开启快速档, 所以开启避障模式时建议在室内飞行。

### Headless Mode 无头模式

The flight direction of drone is subjected to the direction of remote control.
1. When drone adjust the frequency, the drone is default as common mode. Then the indication light of drone is normally on.
2. In the headless state, operator doesn't need to identify the direction of nose, but control the drone according to the operating lever of remote control.



### Hover 悬停

When you release the left joystick (throttle) after the ascent/descent action, the drone will hover at a certain height.

用左操纵杆让无人机上升后, 松开左操纵杆, 无人机仍会悬停在松开操纵杆时的高度。

### Left joystick 左操纵杆

