


Z-SERIES 2.4GHz

6轴陀螺仪飞行器

使用说明



进入遥控世界之前必须告诉您许多相关的知识与注意事项，以确保您能够在学习的过程中得心应手。在开始操作之前请务必仔细阅读此说明书，相信一定能够给您带来相当大的帮助，也请您妥善保管这本说明书，以供日后参考。

遥控器介绍



- 1 变速键
- 2 开关
- 3 左操纵杆
- 4 侧飞微调
- 5 进退微调
- 6 翻滚键
- 7 电源指示灯
- 8 右操纵杆
- 9 拍照
- 10 一键返航
- 11 摄像
- 12 无头模式

组装遥控器

打开遥控器背面的电池盖，将四粒5号碱性电池依照电池箱的极性依次装入，然后扣紧电池盖。(电池需另购，且不可混用新旧不一或类型不同的电池)



电池盖
5号碱性电池

组装飞行器

将4组防护罩如图所示插入飞行器4组电机位置并用力将其压紧。



为飞行器电池充电

将原厂配备的USB充电线插入电脑USB插座，此时指示灯不亮，然后连接电池插头，红色指示灯亮起，这样就可以充电了，当指示灯熄灭时就代表充满了。充电时间约为80分钟。



飞行前准备

1. 请选择空旷的室内或无雨雪、风力小于4级的室外环境飞行，避开人、动物及障碍物。
2. 将原厂配备的Li-po电池装入飞行器，并打开电源开关，飞行器指示灯闪亮，此时将其静放在平坦位置，等待对频。
3. 将油门杆拉至最低，打开遥控器电源，将油门杆由最低推至最高，再拉回最低，听到“滴”的一声并且飞行器指示灯变为常亮，此时完成对码。

启动与停止 (以左手油门为例)

1. 用力下压一下左操纵杆 (如图1)，来启动飞行器，此时飞行器马达慢速运转，向上推动油门，飞行器起飞，当飞行器上升到指定高度时松开油门，飞行器将按此高度稳定飞行。



右手油门杆的转换方法 (仅适用于定高版本)

按住遥控器左上角的按键不放，打开电源开关，然后松开按键就进入了右手油门杆操作方式。此模式时遥控器的功能面板如图4。





- 1 变速键
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控制飞行及微调

升降	当左控制摇杆向上或向下推拉时，飞行器上升或下降。	
转向	当左控制摇杆向左或向右推动时，飞行器向左或向右转弯。	
进退	当右控制摇杆向上或向下推动时，飞行器向前或向后移动。	
侧飞	当右控制摇杆向左或向右推动时，飞行器向左或向右侧飞。	
侧飞微调	当飞行器飞起停在空中时，若飞行器向前侧或向后侧偏移，那么将微调向右或向左拨动，直至平稳。	
进退微调	当飞行器飞起停在空中时，若飞行器向前侧或向后侧偏移，那么将微调向上或向下拨动，直至平稳。	

其他功能介绍

1. 低压提示：考虑到室外飞行时，因电量不足导致飞行器降落在较远或不安全地带，此款飞行器专门设计了安全预警功能，也就是当电量不足时机身的LED灯由常亮变为闪亮以示警告，此时玩家应及时收回飞行器，更换电池或为电池充满电后再继续飞行。
2. 无头模式：遥控器与飞行器对频时调整飞行器机头所指方向为无头状态下的正前方；拨动无头模式按键后，玩家无需辨认飞行器机头方向，只需要根据遥控器的操作杆方向来控制飞行器。

Wi-Fi FPV使用说明

1. 用手机扫描对应的二维码，下载并安装“VS FPV”软件，两种不同的二维码如图1。



IOS系统 安卓系统(国内) 安卓系统(国外)

2. 打开遥控器和飞行器的电源开关，完成遥控器和飞行器的对码。点击手机“设置”选项，打开Wi-Fi，在列表中找到“ZC-*****”的网络，点击连接，直到出现“已连接”表示连接成功，然后退出设置。

3. 打开“VS FPV”进入如图2的界面，点击“”，便进入图3的帮助界面，然后翻页进入图4、图5、图6的功能面板介绍。





4. 点击“”，便进入图7的影像回传界面。
5. 将手机夹子插入遥控器对应的卡槽内，然后将手机卡入架子内。
6. 当摄像头正常工作时，点击图传界面的“拍照”或“录像”图标，即可拍照或录像，停止录像时，务必再次点击“录像”图标，点击“相册”图标便可在文件夹内查看照片和视频。
7. 如果想要用手机来控制飞行器，只需关闭遥控电源，从卡座内取出手机，点击图传界面上的“显示/隐藏”图标便进入手机操控模式。进入之后可以手动控制；也可以打开“重力”模式，此模式只需控制油门，然后向不同方向摆动手机就可以操控飞行器。飞行器的移动速度可以点击“速度”图标调节。


常见问题解决指引

问题	原因	解决方法
飞行器指示灯闪烁操作无反应	1. 飞行器与遥控器未对频成功 2. 飞行器电量不足	1. 参照 (飞行前准备) 重新对频 2. 为电池充电
飞行器风叶转动但飞不起来	1. 电池电量不足 2. 风叶变形	1. 为电池充电 2. 更换风叶
飞行器震动的厉害	风叶变形	更换风叶
微调调到底了但仍不能使飞行器平稳	1. 风叶变形 2. 马达不良	1. 更换风叶 2. 更换马达
撞击后再次起飞飞行器不受控制随意乱飞	三轴加速度传感器因撞击失去平衡	将飞行器静放3-5秒后就可以了

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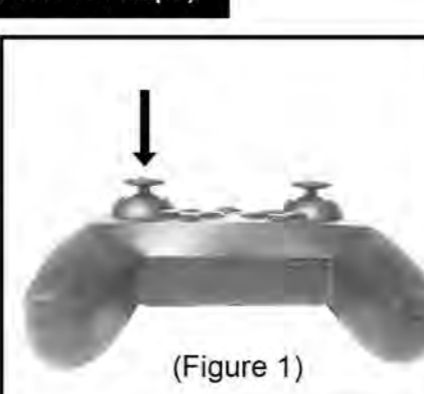


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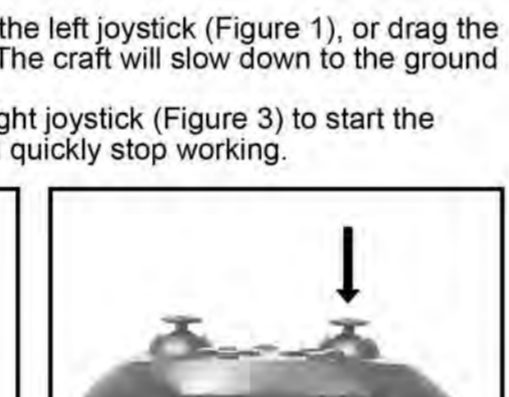
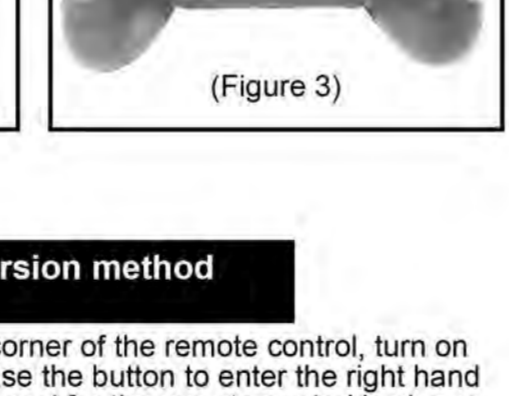

启动与停止 (以左手油门为例)

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控制飞行及微调

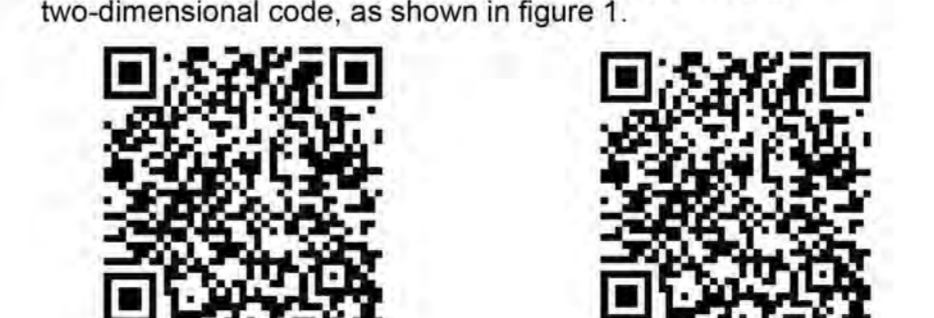
Go up and down	When the left control lever is pushed up or down, the aircraft rises or falls.	
To turn to	The left or right turn is left when the left control lever is pushed to the left or right.	
Retreat	When the right control lever moves up or down, the vehicle moves forward or backward.	
Flying side	When the right joystick is pushed to the left or right, the aircraft flies to the left or right.	
Side flight trim	When an aircraft flies up and down in the air, if the aircraft is shifted to the left or to the right, the trimming is adjusted to the right or left until it is smooth.	
Trim in advance	When the aircraft flies up and stops in the air, if the aircraft moves forward or backward, it will trim down or upward until it is smooth.	

其他功能介绍

1. low pressure tips: considering the outdoor flight, due to lack of electricity led to the aircraft landing zone in the far or not safe, a specially designed aircraft safety warning function, the LED lamp is when electricity shortage of the fuselage by constant light to shine as a warning, the game player should recover in time to replace the battery or full vehicle the electric battery and then continue to fly.
2. headless mode: remote control and adjustment of the frequency when the aircraft aircraft head refers to the direction of the front head condition; the headless mode toggle button, no need to identify the aircraft game player head direction, only need to control the aircraft according to the direction of the remote control operating lever.
3. reset level: when the hover of the aircraft deviates more, the player can recalibrate the center of the aircraft to improve the hover state of the vehicle. The operation method is to put the aircraft on the flat ground, and then the two joystick left the remote corner up in about 3 seconds, until the indicator light aircraft fuselage flashing after the release lever, wait about 3 seconds to restore lights lit, a complete calibration.
4. throw throwing action: the aircraft uses 6 axis gyroscope, more playability. When the aircraft is thrown outward or turned upwards, it pushes the push rod, and the vehicle can stay in the air smoothly.

Wi-Fi FPV instructions

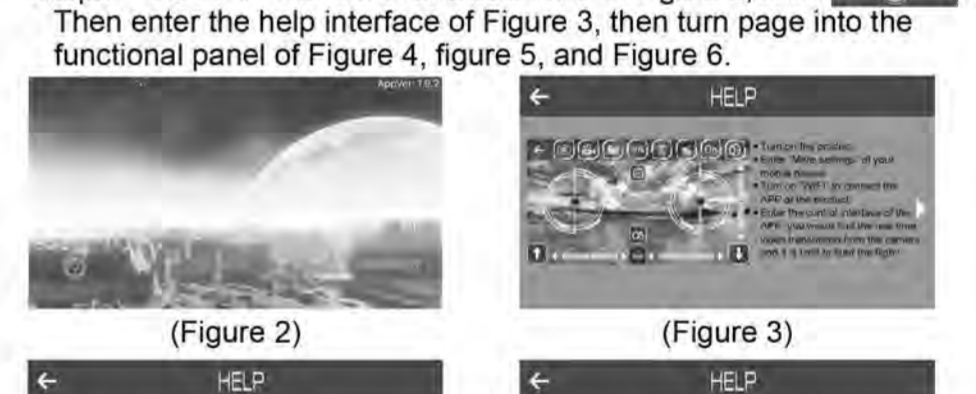
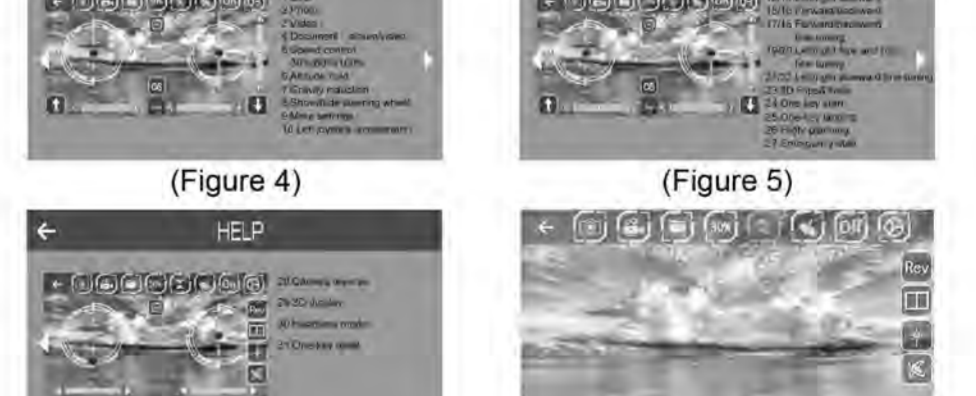
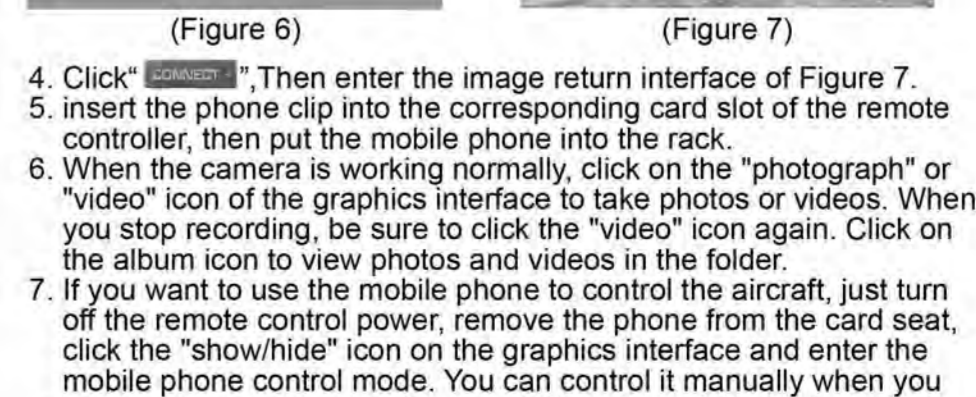
1. use mobile phones to scan the corresponding two-dimensional code, download and install the "VS FPV" software, two different two-dimensional code, as shown in figure 1.



IOS (Figure 1) Android

2. turn on the remote control and the aircraft power switch, complete the remote control and the aircraft to the code. Click the phone "Settings" option, open Wi-Fi, find the "ZC-*****" network in the list, click on the connection until the "connected" indicates the connection is successful, and then exit the settings.

3. Open "VS FPV" into the interface shown in Figure 2, click " ", then enter the help interface of Figure 3, then turn page into the functional panel of Figure 4, figure 5, and figure 6.

4. Click " ", then enter the image return interface of Figure 7.
5. insert the phone clip into the corresponding card slot of the remote controller, then put the mobile phone into the rack.
6. When the camera is working normally, click on the "photograph" or "video" icon of the graphics interface to take photos or videos. When you stop recording, be sure to click the "video" icon again. Click on the album icon to view photos and videos in the folder.
7. If you want to use the mobile phone to control the aircraft, just turn off the remote control power, remove the phone from the card seat, click the "show/hide" icon on the graphics interface and enter the mobile phone control mode. You can control it manually when you enter, or you can turn on the "gravity" mode which simply controls the throttle and then swings the phone in different directions to control the aircraft. The speed of the aircraft can be adjusted by clicking the "speed" icon.

常见问题解决指引

Problem	Reason	Resolvent
The aircraft indicator blinks and the operation is unresponsive	1. aircraft and remote control has not been successful 2. aircraft lack of electricity	1. refer to (pre flight preparation) re frequency 2. charge the battery
The rotor of the aircraft rotates but cannot fly	1. the battery is low 2. fan blade deformation	1. charge the battery 2. replace the fan blade
The shock of an aircraft	Blade deformation	Replace the fan blade
Fine tuned to the end, but still can not make the aircraft stable	1. fan blade deformation 2. the motor is bad	1. replace the fan blade 2. replace the motor
Take off again after the collision, the aircraft is free of control, random flying	The three axis accelerometer loses balance due to impact	Leave the aircraft stationary for 3-5 seconds