VS GPS PRO

WIFI 软件使用 说明书

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1.3手势识别使用提示
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软件安装说明

一、安装手机客户端
请扫描下方二维码至相应网站下载手机APP "VS GPS PRO"

iOS版   Android国内版   Android谷歌版

二、连接飞行器WIFI
1.打开飞行器。
2.在手机"设置-无线局域网"中查找飞行器热点 LULA-5G-**-********。
3.点击该热点网络（无需密码），手机将自动连接。

三、推荐使用的型号配置

1、iOS

型号配置	推荐配置	最佳配置（支持2k）
产品型号	iPhone8及以上	iPhoneX及以上
系统版本	iOS9及以上	iOS14及以上

2、Android

型号配置	推荐配置	最佳配置（支持2k）
系统版本	Android 8.0及以上	Android 10.0及以上
内存大小	4G及以上	6G及以上
CPU占用率	占用率25%及以下	占用率10%及以下

注意：您的手机Wi-Fi需要支持IEEE 802.11a/b/g/n/ac，即，5G频段WLAN

清理后台程序，可有效降低CPU占用率

温馨提示

一架飞行器，同一时间，仅允许一个手机App连接！

注：当飞行器处于以下环境时，下镜头的光流定点悬停效果不佳，这样导致飞行器难以平稳飞行，从而出现机身抖动的现象。

水面上   光线较弱   高低落差大   平滑反光地面   没色条纹

操控界面-首页

点击此处进入操控界面

开启飞行之旅

操控首页   图库   帮助

1.1 操控界面简介

设备未连接

1. 返回主菜单
2. 飞行记录
3. 连接状态
4. GPS卫星
5. WIFI信号
6. 电量
7. 设置更多
8. 拍照/录像切换
9. 快门
10. 媒体库
11. 录像
12. 聚焦缩放
13. 滤镜
14. 距离信息
15. 地图
16. 更多功能
17. 一键返航
18. 一键起飞

19. 镜头调节方式
20. 反转镜头
21. 3D立体
22. 航点飞行
23. 跟随
24. 环绕飞行
25. 手势拍照
26. 解锁
27. 摇杆开关

28. 找飞机
29. 速度档
30. 添加音乐
31. 镜头切换
32. 镜头调节
33. GPS开关

提示：点击镜头调节32，弹出镜头调节方法图标19，再次点击镜头调节，退出19。

1.2 操控界面功能说明

设备已连接

返回主菜单   飞行记录   连接状态   GPS卫星   WIFI信号   电量   设置更多

返回主菜单：点击可回到主页面（首页）。
飞行记录：点击进入飞行记录页可以看飞行器的飞行记录。
连接状态：当飞行器连接成功时以显示"设备已/未连接"
GPS卫星：表示当前飞行模式及卫星颗粒数；闪烁表示当前为光流定点模式，没有返航、跟随、环绕及航点飞行功能。常亮表示当前为GPS模式。
WIFI信号：显示WIFI信号的强弱。
电量：飞行器电量状态。
　（1）2-4格表示电量正常，在GPS模式下可正常操作返航、跟随环绕及航点飞行功能。
　（2）1格（闪烁状态）表示当前为低电量状态，飞行器会执行自动返航功能；低电量状态下无返航、环绕及航点飞行功能。
设置更多：点击更多设置可进入设置页面。

一键起飞/降落   拍照/录像切换
一键返航   快门
更多功能   媒体库

一键起飞/降落：点击解锁后，可实现一键起飞或一键降落。
一键返航：在飞行器飞行过程中，点击一键返航可实现安全返航。
更多功能：点击更多功能，可弹出隐藏功能。
拍照/录像切换：点击按钮，可切换拍照/录像模式，切换录像模式时，快门变红色。
快门：点击"拍照按钮"，可根据当前画面进行拍照/录像操作；录像模式下，点击快门按钮进行录像，再次点击结束录像。
媒体库：点击按钮，可调出拍照、录像媒体库。

1.2.1 操控界面隐藏功能说明

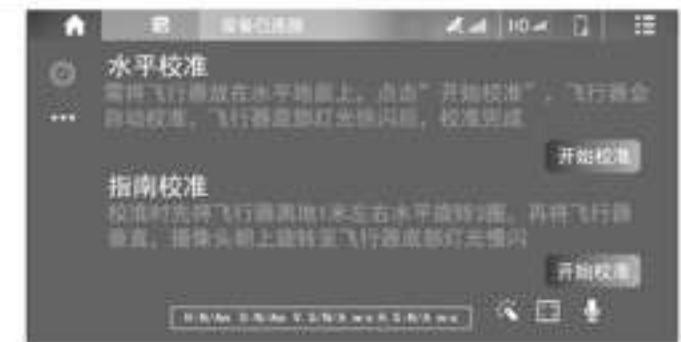反转镜头 3D立体 航点飞行 跟随 环绕飞行

触摸遥拍
手势拍照
解锁
音乐
镜头切换

速度档
找飞机

镜头调节   GPS开关

反转镜头：将镜头进行旋转180度。
3D立体：进入或退出VR功能。
航点飞行：GPS模式下，进入或退出多点飞行（航点飞行）设置界面。
跟随：GPS模式下，飞机将跟随手机飞行，点击可启动或停止跟随随行功能。
环绕飞行：GPS模式下，进入或退出出光点点环绕飞行设置界面。
手势拍照：手势拍照姿势，用右手举Yeah手势（如图一）APP将在3秒后自动拍照，将手掌五指张开（如图二）APP将自动开始或停止录像。
触摸遥拍：解锁或者锁定无人机。
触摸遥控：打开或关闭遥控杆功能。
找飞机：定位飞机坠落遗失的具体位置。
速度档：调节飞机飞行时的速度。
音乐：录制视频的同时添加背景音乐。
镜头切换：从主镜头切换到光流镜头。
镜头调节：调节镜头的拍摄方向。
GPS开关：打开或关闭GPS模式。

1.3 手势识别使用提示

温馨提示：
为了确保镜头获得较高的识别率
1. 请正面对准镜头；   2、请在光线较好的环境下飞行；
3. 请在距离镜头2米左右的位置进行手势识别操作；
4. 请使用本人脸部对镜头。（人脸辅助特性）
在以下情况下，镜头识别率会降低
1. 光线较弱，或者逆光环境；   2、WiFi信号弱，或者信号受到干扰。

剪刀手为拍照用
手掌与肩膀同高
距离镜头三米左右
图一
五指张开为录像
手掌与肩膀同高
距离镜头三米左右
图二

1.4 设置界面

水平校准
指南校准

图三

语音系统   英文   中文   西班牙文

图四

1. 点击设置更多进入设置界面，校准设置可以设置水平校准或者指南校准。如图三
2. 点击更多设置语言选择。如图四

VS GPS PRO

WIFI SOFTWARE INSTRUCTION

Software installation instructions
Warm prompt
Operation interfac-Home
1.1.Introduction to the control interface
1.2.Function description
1.3.Tips for gesture recognition
1.4.Setting interface

Software Installation Instructions

1. Install the Mobile Client
Please scan the qr code below and download the mobile App"VS GPS PRO" on the corresponding website.

iOS   Android (china)   Android (google)

2. Connect Aircraft WiFi
1. Turn on the aircraft power.
2. Search for hot spots LULA-5G-**-******** in "Settings - WLAN" of mobile phone.
3. Click the hotspot network (no password required) and the phone will connect automatically.

3. The Recommended Model Configuration

(1) iOS

Configuration	Recommended	0ptimal(Support 2K)
Product model	iPhone 8 and above	iPhone X and above
System version	iOS 9 and above	iOS 14 and above

(2) Android

Configuration	Recommended	0ptimal(Support 2K)
System version	Android 8.0 and above	Android 10.0 and above
Memory size	4G and above	6G and above
CPU usage	Occupancy rate of 25% and below	Occupancy rate of 10% and below

Clean up the background program,which can effectively reduce the CPU usage.
Tips:Your mobile Wi-Fi needs to support IEEE 802.11 a/b/g/n/AC,IE,the 5G band WLAN.

Warm Prompt

When the aircraft is in the following environment,the fixed-point hovering effect is not good.

Note:When the aircraft is in the following environment,the optical flow of the lower lens is not good enough to hover,which will make it difficult for theaircraft to fly smoothly,and the body will be shaken.

The surface of the water   Dimly lit   Large vertical gap   Smooth reflective ground   We color stripe

1.Function Descrption-Home

Click here to enter the control interface

Enter Device

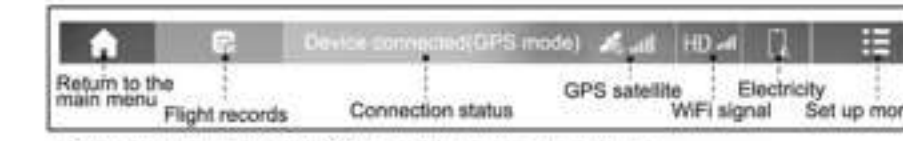Manipulation   Gallery   Help

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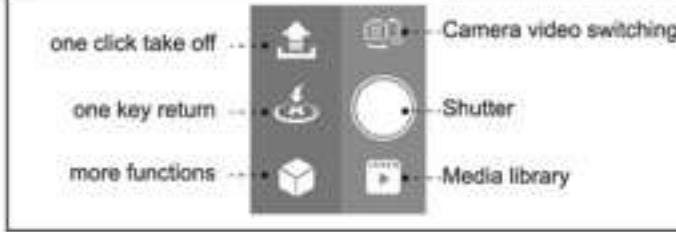### 1.1 Introduction to control interface

Device connected(GPS mode)

1. Return to the main menu
2. Flight records
3. Connection status
4. GPS satellite
5. WiFi signal
6. Electricity
7. Set up more
8. Poto / video switching
9. Shutter
10. Media library
11. Recording
12. Focus zoom
13. Filter
14. Distance information
15. Map
16. More functions
17. One key return
18. One key take off
19. Lens adjustment mode
20. Reverse lens
21. 3d stereo
22. Way point flight

23. Following
24. Surround flight
25. Gesture taking
26. Unlocking
27. Joystick switch
28. Find the drone
29. Speed gear
30. Add music
31. Lens switching
32. Lens adjustment
33. GPS switch

TIPS:
Click lens adjustment 32, the lens adjustment mode 19 will pop up, click lens adjustment again to exit 19.

1.2 Function Description

Return to the main menu   Flight records   Connection status   GPS satellite   WiFi signal   Electricity   Set up more
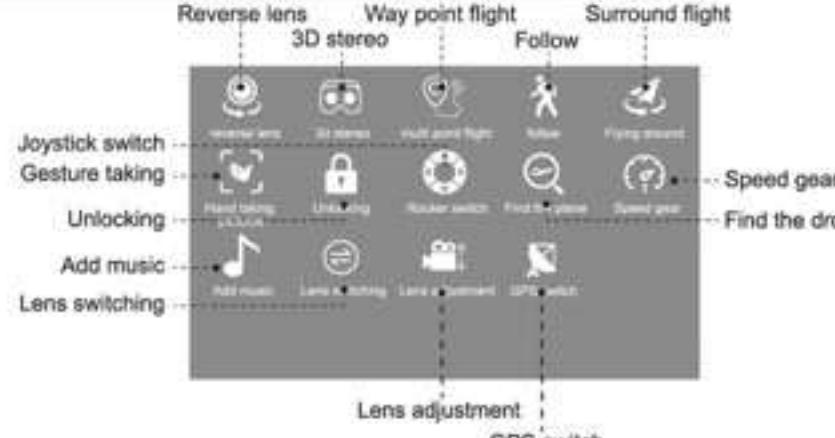
Return to the main menu: Click to return to the main interface.
Flight record: Click to enter the flight record to view the flight record of the aircraft.
Connection status: when the aircraft is connected, "device connected" can be displayed here.
GPS satellite: indicates the current flight mode and satellite particles; Flashing indicates that the current mode is optical flow positioning mode, There are no return, follow, surround and way point flight functions. Constant light indicates that the current mode is GPS mode.
WiFi signal: display the strength of WiFi signal.
Power: the state of the drone's power.
(1) Grid 2-4 indicates normal power. In GPS mode, it can operate return flight, follow around and way point flight functions normally.
(2) 1 grid (flashing state) indicates that the drone is in the low power state, and the aircraft will perform the automatic return function; There is no following, circling and way point flight function in low power state.
More settings: click more settings to enter the settings interface.

one click take off   Camera video switching
one key return   Shutter
more functions   Media library

One key take off / land: after clicking unlock, one key take off or one key landing can be realized.
One key return: during the flight, click this key to return the drone.
More functions: click more functions key to pop up the hidden function.
Photo / video switching: click the button to take photo / video according to the current lens.
Shutter: click the shutter button to take photos / videos according to the current picture.
Media library: click the key to call up the photo and video media library.

1.2.1 More functions description

Reverse lens   Way point flight   Surround flight
3D stereo   Follow

Joystick switch
Gesture taking
Unlocking
Add music
Lens switching

Speed gear
Find the drone

Lens adjustment   GPS switch

Reverse lens: rotate the lens 180 degrees.
3D stereo: enter or exit VR function.
Way point flight: in GPS mode, enter or exit the way point flight setting interface.
Follow: in GPS mode, click this key to start or stop the follow function, The drone will fly following the mobile phone.
Surround flight: in GPS mode, click this key to enter or exit the surround flight interface.
Gesture taking: Hold the "Yeah" gesture with your right hand (Figure 1). The app will automatically take photos after 3 seconds; Open the five fingers of the palm (Figure 2) the app will automatically start or stop video recording.
Unlock: unlock or lock the drone.
Joystick switch: turn on or off the remote joystick function.
Find the drone: locate the specific location where the plane is lost after falling.
Speed gear: to adjust the speed of the aircraft in flight.
Music: add background music while recording video.
Lens switching: switch from main lens to optical flow lens.
Lens adjustment: adjust the shooting direction of the lens.
GPS switch: Turn GPS mode on or off.

1.3 Tips for gesture recognition

Special Instructions
To ensure that the lens gets a higher recognition rate;
1. Please aim the lens face to face ;   2. Please fly in a good light environment;
3. Please conduct gesture recognition operation at a distance of about 2m rom the lens;

In the following cases, it will result in a low lens recognition rate;
1. Weak light or backlight;
2. The WiFi signal is weak, or the signa is disturbad;

Scissors hands for photos
Wrist shoulder height
About three meters away from the camera
Figure 1

Five fingers open for video
Wrist shoulder height
About three meters away from the camera
Figure2

1.4 Setting interface

Horizontal calibration
Compass calibration

Figure 3

Language select   System   English   Chinese   Spanish
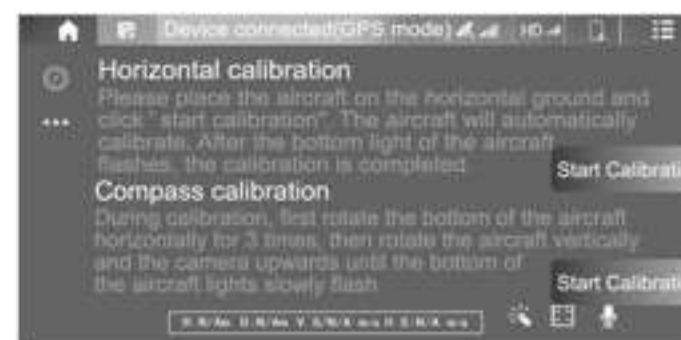
Figure 4

1. Click calibration settings to set horizontal calibration or guide calibration. As shown in Figure 3.
2. Click more to set language selection. As shown in Figure 4.