

Suitable for ages 14 +



App Manual



The application supports required OS: IOS 8.0 or newer / Android 4.4.4 or newer.

1. Please read this manual carefully before using the product.
2. Try to fly in a windless, clear and well-lit environment.
3. Make sure the drone battery is fully charged before flying.

1. Instructions for app download and installation.

1.1 Download and install the App



Please scan this QR code to install the app.

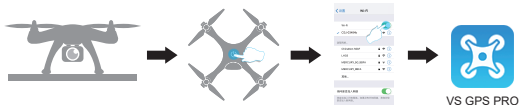


Please scan this QR code to install the app.

1.2 Connection instructions

① Long press the switch of the drone for 3 seconds and then enter the "Settings" option of your cell phone or iPad. Open the wireless network, find the device "VS-XXXXXX" in the search list and connect it. After successful connection, exit the "Setting" option.

② Open the "VS GPS PRO" App in your cell phone and enter the control interface. (Try to stay away from other signal sources when connecting.)



2. Introduction of APP control interface functions.



⚠ Different models have different functions. The specific functions are subject to the actual display functions.

3. Pre-flight environmental requirements.

Please choose an open indoor or outdoor place with no rain, snow or wind less than level 4 to fly. Please stay away from crowds, trees, power lines, tall buildings, airports and signal towers when flying.

! Special note:

The flight height and distance limitations are as follows: high electric fence for a height of 120m and a distance of 300m; low electric fence for a height of 15m and a distance of 20m.



4. Introduction to the operation of APP functions.

4.1 Operation of map update

When you open the APP for the first time, please make sure to turn on the mobile data network of your cell phone or iPad (Figure 1).

Back to the APP control interface, double-click the GPS signal icon in the lower-left corner (Figure 2), so that the map can update your location in real time via mobile data network. Wait for the map update to finish, and then click the interface icon (Figure 3) in the lower-left corner to return to the cell phone interface.



Figure 1



Figure 2



Figure 3

4.2 Horizontal calibration and gyroscope calibration

Click on the "Settings" icon in the APP control interface (Figure 4) to enter the calibration settings interface (Figure 5). We need to click on the "Start Calibration" icon according to the operation method shown in the text to calibrate the two items respectively (Figure 6).



Figure 4



Figure 5



Figure 6

4.3 Unlocking

After clicking the "More functions" icon in the APP control interface (Figure 7), choose to click the "Unlocking" icon in the picture box (Figure 8). At this time, the four propeller blades rotate, which indicates that unlocking is successful and the drone can be operated and flown normally.



Figure 7



Figure 8

4.4 One-button takeoff and landing

Click the "One-button takeoff" icon in the APP control interface (Figure 9). In the pop-up picture box, slide to the right to confirm (Figure 10), then the drone will automatically rise to a height of about 1 meter and keep flying at this altitude. During the flight, click this icon again and the drone will automatically land slowly.



Figure 9



Figure 10

4.5 Joystick control

During the flight, after clicking the "More functions" icon (Figure 11), choose to click the "Joystick" icon in the picture box (Figure 12), and then use the joystick to control the direction of the drone (Figure 13).



Figure 11



Figure 12



Figure 13

4.6 One-button return

During the flight, click on the "One-button return" icon in the APP control interface (Figure 14). In the pop-up picture box, slide to the right to confirm (Figure 15), then the drone will start to return to the starting point automatically. During the return flight, click this icon again to cancel the return flight.



Figure 14



Figure 15

4.7 Speed switching

During the flight, after clicking the "More functions" icon in the APP control interface (Figure 16), choose to click the "Speed gear" icon in the picture box (Figure 17), then the flight speed of the drone can be switched. The default is the low-speed mode.



Figure 16



Figure 17

4.8 Trajectory flight

① After clicking the "More functions" icon in the APP control interface, choose to click the "Trajectory flight" icon in the picture box (Figure 18). At this point, the interface changes to the map interface. In the blue range of the map, click set waypoints (Figure 19), then you can set the track range of single or consecutive waypoints (Figure 20). If you think the waypoints are too crowded during the setting process, you can click the delete icon (Figure 21) or choose to delete all the waypoints.

② After setting the waypoints, click the "Send" icon (Figure 22). In the pop-up picture box, slide to the right to confirm (Figure 23), then the drone will fly to all the waypoints from the starting point to complete the preset trajectory. The direction of the drone can be controlled by the joystick during the flight.



Figure 18



Figure 19



Figure 20



Figure 21



Figure 22



Figure 23

4.9 Surrounding flight

After clicking the "Settings" icon in the APP control interface, enters the "Surrounding flight" setting interface (Figure 24), adjust the required radius distance (Figure 25) and then click save settings. Click the "Surrounding flight" icon in the "More functions" (Figure 26), then the drone will take the current flight position as the center and surround fly to the set radius distance.

 **Special tip:** When the drone's battery is low, it can't realize the surrounding function.



Figure 24

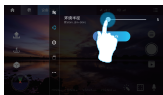


Figure 25



Figure 26

4.10 Following mode

After clicking the "More functions" icon in the APP control interface (Figure 27), choose to click the "Following mode" icon in the picture box (Figure 28), then the drone will take the distance from the current position to the user's (cell phone or iPad) device as the range and move on its own to track the change of the mobile device's position. During the following process, you can choose to click the "Following mode" icon to cancel the following.

⚠ Special tip: After following the drone's position, if the drone's battery is low or the cell phone calls, it will exit the following mode.



Figure 27



Figure 28

4.11 Find the drone

If you don't know the exact location of the drone during the flight, you can click the "More functions" icon in the APP control interface, then click the "Find the drone" icon in the picture box (Figure 29), and switch to the map interface to find the exact location of the drone (Figure 30).



Figure 29



Figure 30

4.12 Photo/Video

Click the "Shooting" icon (Figure 31) in the APP control interface to take photos. Click the "Photo/Video" icon (Figure 32), and in the pop-up picture box, you can choose more shooting methods. During the recording process, click the "Video" icon again to end the recording. After recording, the photo or video will be saved to the album.



Figure 31



Figure 32

4.13 Add music

After clicking the "More functions" icon in the APP control interface, choose to click the "Add music" icon in the picture box (Figure 33). In the upper-left corner of the converted interface, click Select Music (Figure 34), then choose your favorite background music and click Confirm (Figure 35), so that you can add music in the video. After recording, the synthesized short video will be saved to the album.



Figure 33



Figure 34



Figure 35

4.14 Camera filter

After clicking the "Camera filter" icon (Figure 36) in the APP control interface, you can select your favorite filter (Figure 37) to improve beautification to the captured pictures or videos. The default filter is the original effect.



Figure 36



Figure 37

5. Introduction to the functions of the joystick control interface.

When the left throttle joystick is pushed forward or backward, the drone will be up or down.



When the left throttle joystick is pushed left or right, the drone will turn left or right.



When the right directional joystick is pushed forward or backward, the drone will move forward or backward.



When the right directional joystick is pushed left or right, the drone will fly left or right.



6. Problem Solving and Guidance

Problem	Cause	Solution
The indicator light of the drone is blinking, but the operation is unresponsive.	1.The drone's GPS has not successfully searched for more than 7 signal bars. 2.The drone's battery is low.	1.Move the drone to an open area and search for the signal again. 2.Charge the battery.
The drone's blades are rotating but it won't fly.	1.The battery is low. 2.The blades are deformed.	1.Charge the battery. 2.Replace the blades.
The drone shakes a lot.	The blades are deformed.	Replace the blades.
The fine-tuning is done but still can't make the drone hover steadily.	1.The blades are deformed. 2.Poor motor.	1.Replace the blades. 2.Replace the motor.
Start the drone again after the impact, but the drone flies uncontrollably.	The 3-axis acceleration sensor is out of balance due to the impact.	Put the drone in a static position for 5-10 seconds or correct it by calibrating the gyroscope.