



SG906 GPS Smart Drone



Shantou Zhongli Intelligent Technology Co., Ltd. has been focusing on the development and production of drones, adhering to the brand design concept of "exploration and discovery, enjoying extraordinary wisdom", exploring the beauty of intelligent technology, let us experience the fun brought by intelligent technology together. Let smart technology come into your life. Zhongli UAV, unheavened and free flight.

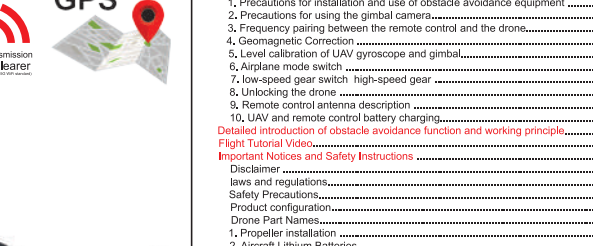
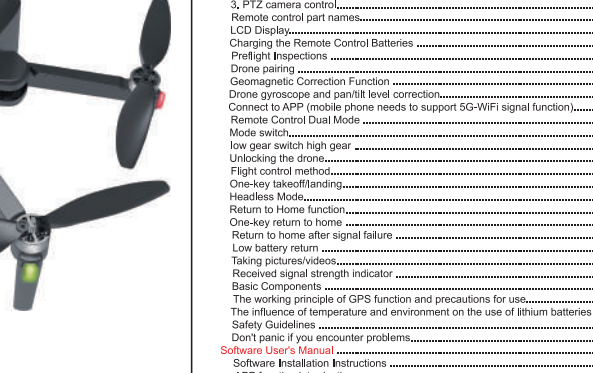


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SG906 MINI GPS Smart Drone

* Please read the manual carefully before flight and keep it for future reference.

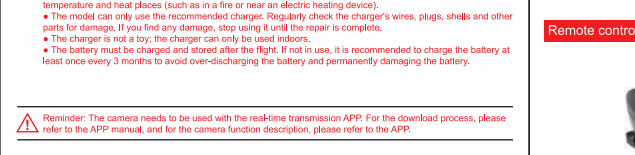
Battery pull out

Press the battery latch and remove the battery before operation. Please keep the battery clean and dry. After the battery is fully charged, please insert the battery into the drone.



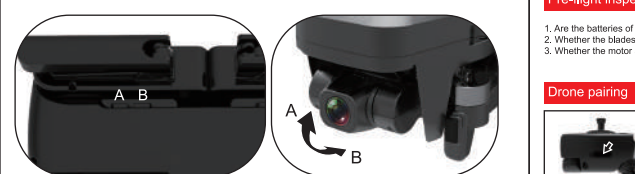
Drone battery charging

Use the USB charging cable and adapter to charge the drone battery. Please ensure the plug is inserted correctly.



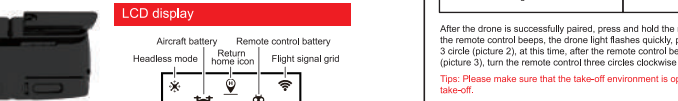
3.2PTZ camera control

By turning the PTZ button on the remote control, you can adjust the shooting angle of the PTZ camera to 110°. When the left button is pressed, the camera is adjusted in the direction of A. When the right button is pressed, the camera is adjusted in the direction of B.



Remote control part names

1. Remote control power switch
2. Accelerator key
3. Mode switch
4. Camera button
5. One-key return button
6. GPS mode button



Geomagnetic correction function

1. Press the mode switch and hold the indicator button for 5 seconds.
2. The drone will automatically take off and fly in a circle.
3. After the drone returns to the ground, the geomagnetic correction is completed.



Drone gyroscope and gimbal level correction

1. Turn on the drone and enter the calibration mode.
2. The drone will automatically adjust the gyroscope and gimbal levels.



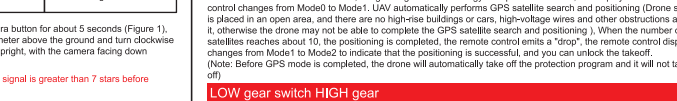
Remote control battery charging

1. Insert the plug in the correct way.
2. Do not carry ferromagnetic objects when using magnetic field, such as magnetic disks, parking tags, construction tools, etc.



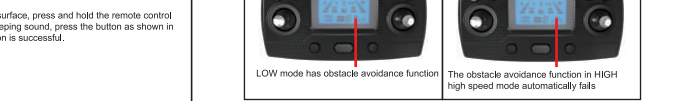
Mode switch

1. Mode 1: Optical flow (LOW) is suitable for indoor environments. The drone will automatically take off and fly in a circle.
2. Mode 2: GPS (optical flow dual mode) is suitable for outdoor environments without signal interference.



LOW gear switch HIGH gear

1. The product is turned on by default in low-speed gear mode.
2. Press the gear switch to switch to high-speed gear mode.



Drone unlock

1. Press the mode switch and hold the indicator button for 5 seconds.
2. The drone will automatically take off and fly in a circle.



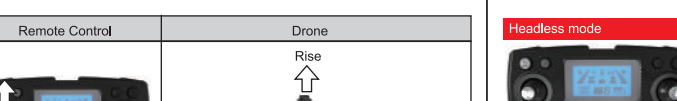
Remote control mode

1. The remote control is turned on by default in LOW mode.
2. Press the mode switch to switch to HIGH mode.



Basic flight

1. Turn on the drone and enter the flight mode.
2. Press the mode switch and hold the indicator button for 5 seconds.
3. The drone will automatically take off and fly in a circle.



Flight mode

1. Mode 1: Optical flow (LOW) is suitable for indoor environments.
2. Mode 2: GPS (optical flow dual mode) is suitable for outdoor environments.



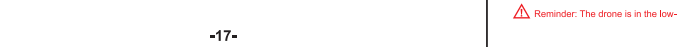
Photo / Video

1. Press the photo button to take a picture.
2. Press the video button to start video recording.



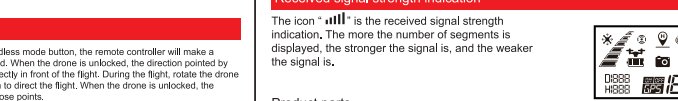
Working principle of GPS function and precautions for use

1. The drone and the remote control are automatically paired.
2. The drone will automatically take off and fly in a circle.



Don't panic: if you encounter problems

1. No signal: Check the battery level and the connection between the drone and the remote control.
2. Low battery: The drone will automatically return to the ground when the battery is low.



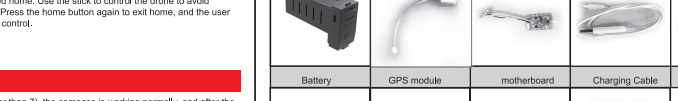
Software installation instructions

1. Install the mobile client.
2. Connect the drone via Wi-Fi.



Recommended model configuration

1. iOS: iPhone 6 and above, iOS 9.0 and above.
2. Android: Snapdragon 835 and above, Samsung Exynos 8895 and above.



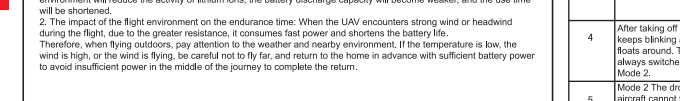
1.1 Introduction to the Operation Interface

1.1.1 Main Interface
1.1.2 Function Description
1.1.3 Camera Recognition



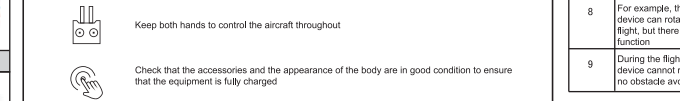
1.2.1 Function Description

1. Human Tracking
2. Palm Control
3. Other Instructions



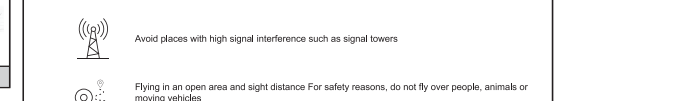
1.2.2 Function Description

1. Rotating picture
2. M.V Interface
3. After operating lever
4. Photo album
5. Turn on of MV mode



1.2.4 Function Description

1. Holder
2. Rocker



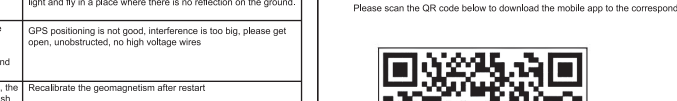
1.2.4 Function Description

1. Take photos
2. Camera
3. Rocker control
4. Speed
5. Take-off/landing



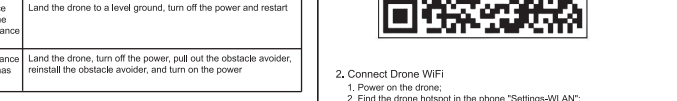
2. Use and effect of obstacle avoidance function

1. When the drone is flying, as shown in Figure 3, 20 meters in front of the drone is the effective scanning range of the obstacle avoidance function.
2. When the drone flies on the left side, as shown in Figure 4, 20 meters on the left side of the drone is the effective scanning range of the obstacle avoidance function.



3. Position where the UAV stops flying is determined by the flight speed

1. When the UAV encounters the obstacle and hovers in the scanning range of 20 meters in the flying direction, the UAV cannot continue to fly in that direction.



4. When the UAV encounters the obstacle and hovers in the scanning range of 20 meters

1. When the UAV encounters the obstacle and hovers in the scanning range of 20 meters in the flying direction, the UAV cannot continue to fly in that direction.



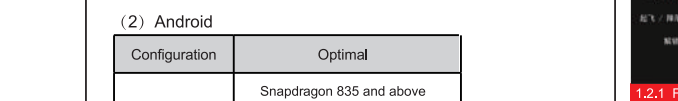
5. When the drone takes off, there are obstacles within 20 meters of the forward direction

1. When the drone takes off, there are obstacles within 20 meters of the forward direction, the drone will automatically return to the ground.



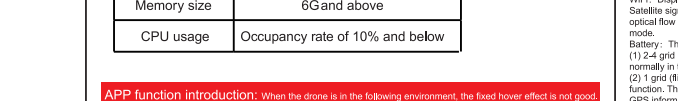
6. Flight mode switch

1. The drone is powered on by default in GPS mode (mode 2).
2. Press the mode switch to switch to LOW mode.



7. LOW gear switch HIGH gear

1. The product is turned on by default in low-speed gear mode.
2. Press the gear switch to switch to high-speed gear mode.



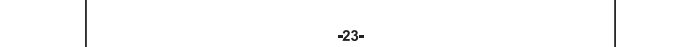
8. Drone unlock

1. Press the mode switch and hold the indicator button for 5 seconds.
2. The drone will automatically take off and fly in a circle.



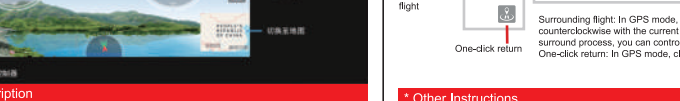
9. Description of remote control antenna

1. The remote control antenna is used to receive the signal from the drone.
2. The antenna should be kept away from metal objects.



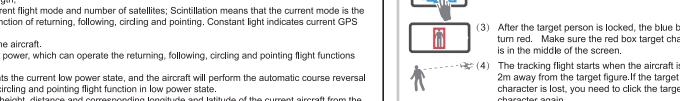
10. UAV and remote control battery charging

1. Use the USB charging cable and adapter to charge the drone battery.
2. Do not carry ferromagnetic objects when using magnetic field.



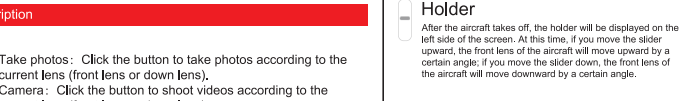
11. Obstacle avoidance working conditions

1. The product is powered on by default in LOW mode.
2. The drone has obstacle avoidance function when the remote control is turned on.



12. Working principle of obstacle avoidance

1. A pulse signal is sent from the transmitting port, and the pulse signal is turned back after encountering an obstacle.
2. The drone will automatically return to the ground when the signal is received.



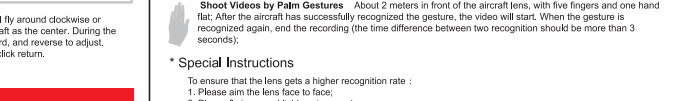
13. Recommended model configuration

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2. Android: Snapdragon 835 and above, Samsung Exynos 8895 and above.



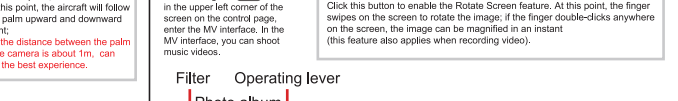
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1.2.2 Function Description

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1.2.4 Function Description

1. Holder
2. Rocker



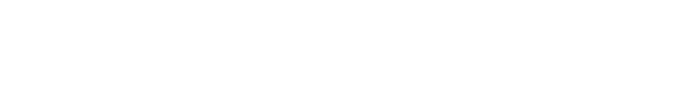
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1. When the drone is flying, as shown in Figure 3, 20 meters in front of the drone is the effective scanning range of the obstacle avoidance function.



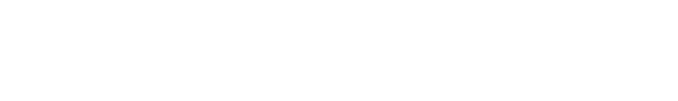
3. Position where the UAV stops flying is determined by the flight speed

1. When the UAV encounters the obstacle and hovers in the scanning range of 20 meters in the flying direction, the UAV cannot continue to fly in that direction.



4. When the UAV encounters the obstacle and hovers in the scanning range of 20 meters

1. When the UAV encounters the obstacle and hovers in the scanning range of 20 meters in the flying direction, the UAV cannot continue to fly in that direction.



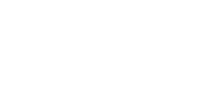
5. When the drone takes off, there are obstacles within 20 meters of the forward direction

1. When the drone takes off, there are obstacles within 20 meters of the forward direction, the drone will automatically return to the ground.



1. Propeller installation

1. Press the propeller latch and remove the propeller before operation.



2. Aircraft lithium battery

1. Press the battery latch and remove the battery before operation.



Battery installation

1. Press the battery latch and remove the battery before operation.



1.2.4 Function Description

1. Holder
2. Rocker

