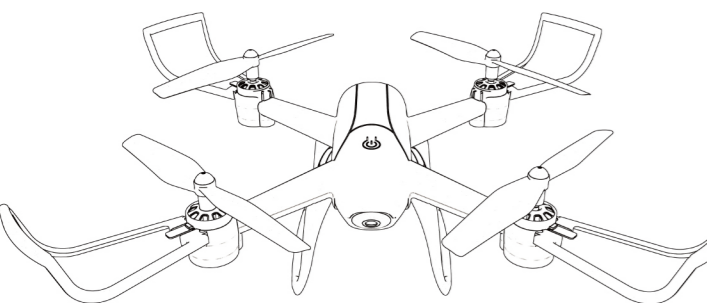



SG106

REMOTE CONTROL QUADCOPTER


safety precaution:

- To ensure the requirements of the electromagnetic environment of the aeronautical radio station (station): It is forbidden to use various model remotes in the area centered on the airport runway center point and with a radius of 5000M. During the period when the relevant national authorities issue radio control orders, the regional area shall stop using the model remote control as required. Choose a warm, wireless weather flight, do not fly in inclement weather such as overheating, cold, strong winds, heavy rain, etc. Choose indoor or outdoor open spaces and keep a safe distance from people, pets, empty wires and other obstacles. Confirm that no other uses the same frequency, can not let the aircraft leave the line of sight.
- After the aircraft is started, please do not touch the high-speed rotating part of the aircraft to keep a distance from the high-speed rotating propeller to avoid the risk of twisting. (including gears, rotors, etc.)
- After the aircraft is in use and used, the battery and the motor will generate high temperature. Do not touch it to avoid the risk of burns.
- Do not look directly at the light beam of the LED to avoid affecting the eyes.


Tips: It is recommended that beginners practice flying for about 3 days at low altitudes, familiar with flying and then fly to high altitude.

Pre-flight preparation

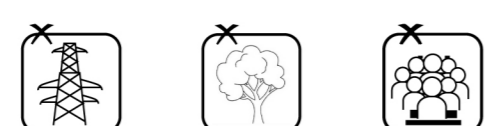
Flight environment




Indoor: Spacious space away from obstacles, crowds or pets are preferred.



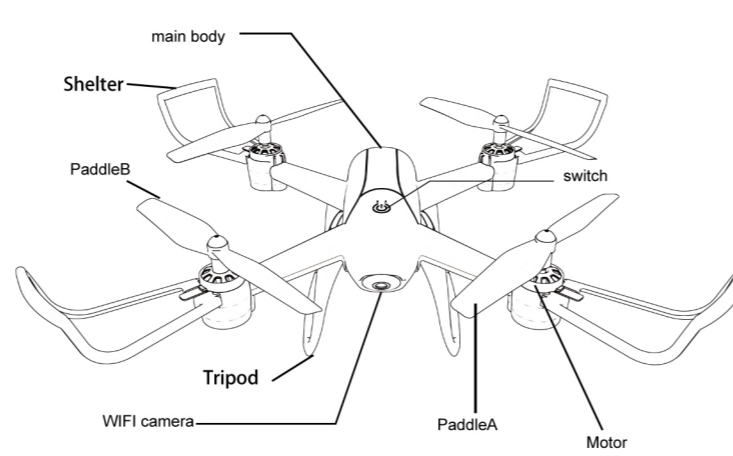
Outdoor: sunny, windy and sunny weather is preferred.



Keep the drone in sight during the flight and stay away from obstacles, high voltage cables, trees and people



Do not fly in extreme environments such as hot, cold, strong winds or heavy rain



Labels: main body, Shelter, PaddleB, Tripod, WIFI camera, PaddleA, Motor, switch, Headless mode, 3D roll, Video, Take a photo, emergency stop, One-button takeoff, One-click landing.

Blade replacement

- The blades to be replaced must be replaced with the corresponding positions on the machine. The blade A needs to be installed in the position of A, and the blade B needs to be installed in the position of B. If the blade is replaced incorrectly, it cannot be controlled.
- When flying, the blade A rotates clockwise, and the blade B rotates counterclockwise.

1 Important note

This product is not a toy. The damage caused by the wrong use. Please use the instructions before using this product. Do not disassemble this product yourself. Otherwise, the manufacturer is not responsible for any damage.

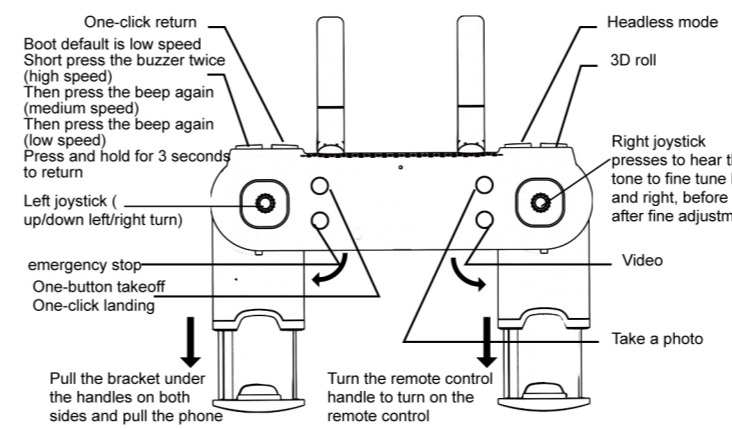
2. Safety instructions

Warning: Fly in a safe area or away from others. Do not operate the aircraft above the dense crowd. When the remote control aircraft flies, due to operational errors or wireless interference during the pilot's operation, it is easy to cause accidents and malfunctions, which may cause damage or injury to the crowd.

Prohibited: Keep away from obstacles when flying indoors and outdoors. This product is suitable for indoor and outdoor flights (wind level no more than 4), please choose one, no obstacles, crowds and pets. Where passers-by, for example, heat sources, heat sources, wires, or electronic power sources are not subject to collision landings, entanglements, fires, electric shocks, and damage to life and property.

Warning: Please have a flight experienced pilot to help the product mainly for 14 years old and above. It is difficult to start learning. It is recommended to have a pilot with experienced pilots.

Remote control button function introduction:



One-click return: Boot default is low speed. Short press the buzzer twice (high speed). Then press the beep again (medium speed). Then press the beep again (low speed). Press and hold for 3 seconds to return.

Left joystick: up/down left/right turn.

Right joystick: presses to hear the tone to fine tune left and right, before and after fine adjustment.

Video: Take a photo.

Turn the remote control handle to turn on the remote control.


Assembly remote control

Please open the battery cover according to the direction of the arrow, then insert the two 7th batteries in order according to the polarity of the battery box. Make sure that the battery is fully charged, otherwise the signal from the remote control will be unstable, which will seriously affect the flight (the battery needs another purchase, and do not mix old and new or different types of batteries).

Charging the aircraft battery

Remove the USB charging cable, connect the battery connector to the charging terminal and plug it into the USB port on the computer (or USB power adapter) to charge the battery. When charging, the USB charger lights up red. After charging, the USB charger is red. The light goes out and the charging time is about 100 minutes.

Battery safety instructions: Different models of batteries or old and new batteries cannot be mixed. - Non-rechargeable batteries cannot be charged. - Only use the charger supplied with this product for charging. - Please install the battery correctly according to the positive and negative polarity, and the power terminal must not be short-circuited. - Non-rechargeable batteries cannot be charged, and rechargeable batteries can only be charged under adult supervision. - Do not overcharge the rechargeable battery and do not leave it while charging. - The used battery needs to be removed from the remote control. - Dispose of used batteries in accordance with the requirements of the environmental protection department. - Do not throw the battery into a fire to avoid danger.



Prepare to fly:

Make sure the propeller is installed correctly and tightened.

- Turn on the power of the fuselage and place the aircraft on a level surface.
- Turn on the remote control power.
- The rocker is pushed up and then pushed down to perform the frequency.

Takeoff method 1:

- Place the aircraft on a horizontal surface. When the two joysticks are operated as shown in the figure for 2-3 seconds, the indicator light of the aircraft will turn on quickly and become a fast flashing. After 2-3 seconds, it will become steady light, indicating that the calibration is successful.
- The two joysticks are simultaneously unlocked as shown in Figure 2-3.
- Slowly push the throttle stick aircraft to take off.

Takeoff method 2:

- Place the aircraft on a horizontal surface. When the two joysticks are operated as shown in the figure for 2-3 seconds, the indicator light of the aircraft will turn on quickly and become a fast flashing. After 2-3 seconds, it will become steady light, indicating that the calibration is successful.
- Press the one-off takeoff/landing button to take off the aircraft with one button.

Landing method 1

Slowly pull the throttle stick down until the aircraft landed. Keep the throttle stick at the lowest position for 2 seconds, the motor stops, and the aircraft landed successfully.

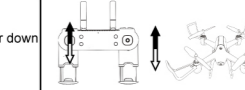
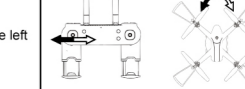
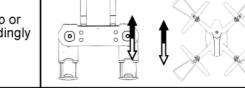
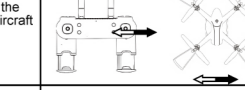
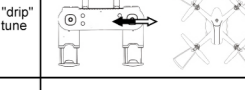
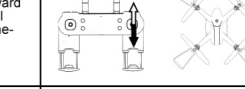
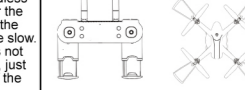
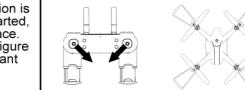
Landing method 2

Press the one-off takeoff/landing button to slowly land the aircraft.

Landing method 3

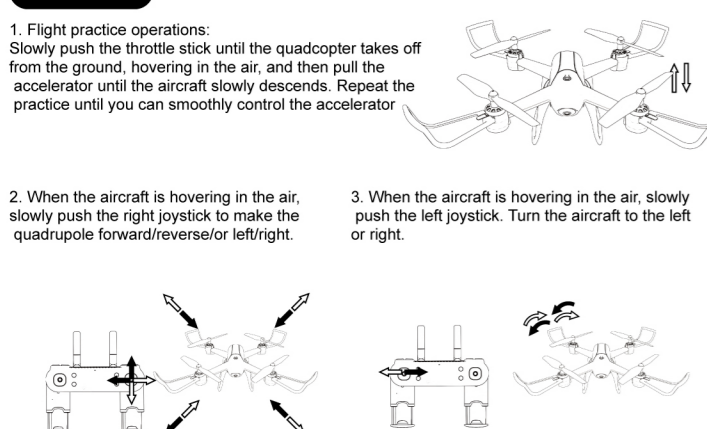
When the aircraft encounters an obstacle or an emergency, press the emergency stop button and the aircraft can make an emergency landing.

Method of operation

1	Rise and fall	When the left joystick (throttle) is pushed up or down, the aircraft rises or falls accordingly.	
2	Turn	When the left joystick (throttle) is pushed to the left or right, the aircraft will turn left or right.	
3	Forward, backward	When the right joystick (direction) is pushed up or down, the aircraft advances or retreats accordingly.	
4	Fly left and right	When the right joystick (direction) is pushed to the left or right, the corresponding left side of the aircraft flies or retreats to the right side.	
5	Side fly fine tuning	Press the right joystick, the aircraft will make a "drip" sound, and turn the joystick left or right to fine tune.	
6	Forward and backward trimming	When the aircraft is moving forward and backward in the air, press the right joystick the aircraft will make a "drip" sound, and the joystick will be fine-tuned up or down.	
7	Headless mode	When you press and hold the headless mode button to make a "drip" sound, you can enter the headless mode and press and hold for 2 seconds to hear the "ding" long sound to exit the headless mode (in the headless mode, the four lights of the aircraft are slow flash. In the headless mode, the operator does not need to identify the position of the aircraft nose, just control the aircraft according to the direction of the joystick of the remote control.)	
8	reset	When the aircraft is under control or the deflection is severe, the aircraft can be shut down and restarted, and the aircraft is placed on the horizontal surface. The two rockers are operated as shown in the figure for 2-3 seconds, and the aircraft indicator constant becomes fast flashing. 3 seconds is always on, indicating that the recalibration is successful.	

Flight practice

1. Flight practice operations: Slowly push the throttle stick until the quadcopter takes off from the ground, hovering in the air, and then pull the accelerator until the aircraft slowly descends. Repeat the practice until you can smoothly control the accelerator.
2. When the aircraft is hovering in the air, slowly push the right joystick to make the quadcopter forward/reverse/left/right.
3. When the aircraft is hovering in the air, slowly push the left joystick. Turn the aircraft to the left or right.



3D action operation

1. When the basic action of the current face is proficient, you can play some thrilling scrolling. Press the 3D scroll button in the upper right corner of the remote control to make a "drip" sound. At this time, enter the 3D roll state. The joystick is pushed up and down and left and right to complete the 3D roll in the corresponding direction.
2. Note: When the aircraft has more hanging pieces, place the aircraft on the ground and move the two rockers of the remote control to the lower right corner and the lower left corner for 4 seconds. At this time, the indicator of the aircraft main engine flashes and releases. Joystick, the main board flashes for 2 seconds, then stops flashing, and the calibration is completed.

Reminder:

1. Before the aircraft takes off, be sure to place the aircraft on a level surface to ensure that the aircraft will fly smoothly after take-off.
2. Flying indoors: Please select nearby obstacles, pets and people's spacious flight.
3. Flying outdoors: Please choose a warm and sunny weather with no wind or breeze.

note:

1. Do not fly in extreme weather conditions. Flying in overheated or cold weather can affect flight performance or damage the model.
2. Do not fly in strong winds. Strong winds may limit flight or hinder flight control. Flying in strong winds may cause the aircraft to be unknown or damaged.

Problem solving guide


Problem	The reason	Approach
The aircraft did not respond	1. The aircraft enters low voltage protection	1. The aircraft is charging
	2. The remote control is low and the power indicator will flash.	2. Replace the remote control battery
	3. The channel selection of the remote control is inconsistent with the aircraft pair code	3. Adjust the remote control aircraft channel to make it consistent
Aircraft flight response is not sensitive	1. The remote control is low on battery or poor battery quality	1. Replace the battery with better quality
	2. The remote control with the same frequency is transmitting interference	2. Change a place that does not have the same frequency to emit interference
Fly sideways while hovering	1. No horizontal correction	1. After restarting the aircraft and remote control, take off after level correction.

Precautions

1. When the power source (aircraft or transmitter) is insufficient, the remote control distance will be shortened.
2. When the aircraft is powered, it is not easy to fly or fly.
3. When the aircraft is damaged, please repair and stop using it in time, otherwise it may cause personal injury.
4. If you are not using the transmitter at any time, please remove the battery to avoid battery leakage.
5. Do not drop the transmitter from high altitude or severely damage it, otherwise it will shorten the service life of the transmitter.

APP Operating Guide

Please scan the corresponding QR code to download APP:



IOS Android(360) Android(Google)

Add device: power on the device wifi hotspot to M8_*****

Special instructions

To ensure that the lens gets a higher recognition rate:

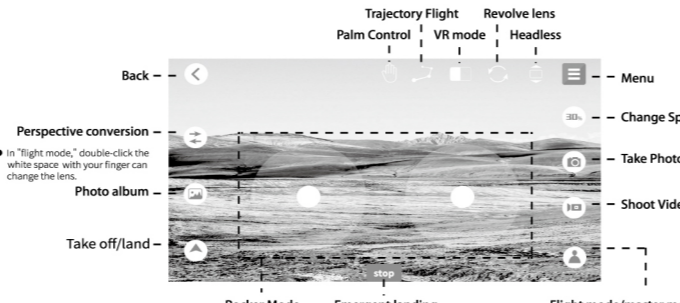
1. Please aim the lens face to face;
2. Please fly in a good light environment;
3. Please conduct gesture recognition operation at a distance of about 2m from the lens.

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 signal is disturbed.

An aircraft, at the same time, only one mobile APP is allowed to connect!


INTRODUCTION TO OPERATION INTERFACE



Labels: Trajectory Flight, Revolve lens, Palm Control, VR mode, Headless, Menu, Change Speed, Take Photos, Shoot Videos, Photo album, Take off/Land, Rocker Mode, Emergent landing, Flight mode/master mode.

ILLUSTRATION ON THE FUNCTIONS OF ICONS (I) Operation and Control Mode

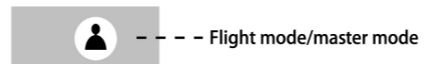
● In "setting", you can switch operation and control mode.



Classic mode

In this mode, the control pad on the left can control the aircraft's upward and downward movement; The control pad on the right can control the aircraft's forward, backward movement, and it can also move the aircraft towards the left and right; Slip your fingers on the screen to the left or right, controlling the aircraft's left or right turn.

ILLUSTRATION ON THE FUNCTIONS OF ICONS (II) Functional Icons (1)



Flight mode/master mode

1 Blue candidate boxes for the -2 target person appears on the screen.

2 On the screen, tap your finger to select the target character.

3 After the target person is locked, the blue box will turn red. Make sure the red box target character is in the middle of the screen.

4 The tracking flight starts when the aircraft is about 2m away from the target figure.

5 If the target character is lost, you need to click the target character again. If there is no alternative character in the screen for 5 seconds, it will jump to "flight mode" automatically.

● When the red frame is more than 80% of the human area, the best effect can be achieved.

Flight Mode

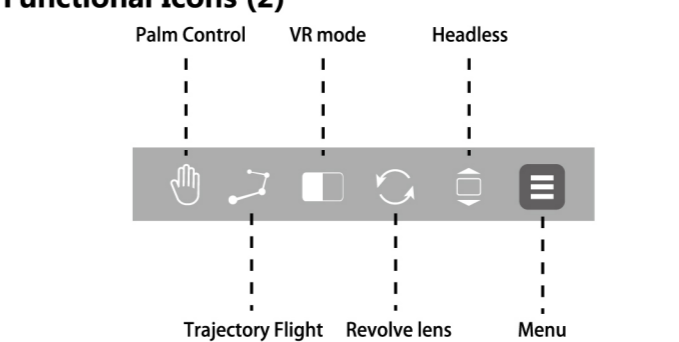
Click this button to switch from the current "Master Mode" to "Flight Mode". The following operations can be performed in Flight Mode:

yeah gestures take pictures: About 2m in front of the camera of the aircraft, hold the Yeah gesture with one hand flat. After the aircraft successfully recognized the gesture, the countdown of 3 seconds began to take photos;

video of box gesture: About 2 meters in front of the camera of the aircraft, put your hands on the position of the face jaw to make a square video gesture. After the aircraft has successfully recognized the gesture, the video will start. When the gesture is recognized again, end the recording (the time difference between two recognitions should be more than 3 seconds); (some models do not support this function)

video of hand gesture: About 2 meters in front of the aircraft lens, with five fingers and one hand flat; After the aircraft has successfully recognized the gesture, the video will start. When the gesture is recognized again, end the recording (the time difference between two recognitions should be more than 3 seconds); (some models do not support this function)

ILLUSTRATION ON THE FUNCTIONS OF ICONS (II) Functional Icons (2)



Labels: Palm Control, VR mode, Headless, Trajectory Flight, Revolve lens, Menu.

● Palm Control (some aircrafts don't support palm control function) Click the "menu" button and click the "palm control" button in the expanded menu bar. Face the lens of the aircraft and lift up with your single hand; When your palm is in the red frame of the App, move your palm slowly; At this moment, the aircraft will follow the movement of your palm to fly upward and downward.

● The distance between the palm and the camera is about 1m, and the best control effect can be

Trajectory Flight

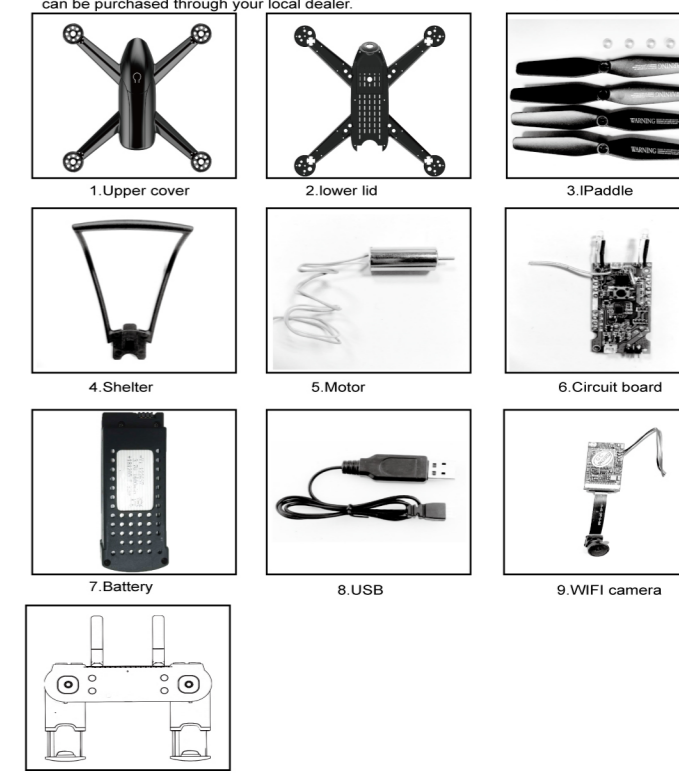
With this function, draw a trajectory in the frame on the right of the screen, and the aircraft will fly according to this trajectory.

Headless

In this mode, the original directions of the aircraft will be redefined; In this mode, the right ahead the controller is the forward direction of the aircraft; Other directions follow the same rule.

Accessories

The following are available accessories. For your convenience, each component is listed and can be purchased through your local dealer.



1. Upper cover
2. lower lid
3. IPaddle
4. Shelter
5. Motor
6. Circuit board
7. Battery
8. USB
9. WIFI camera
10. Remote control