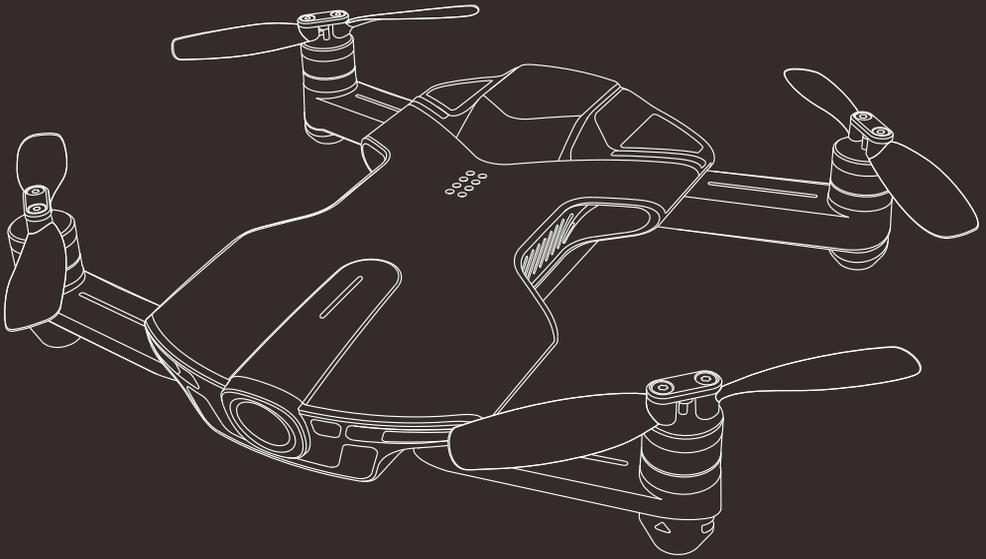


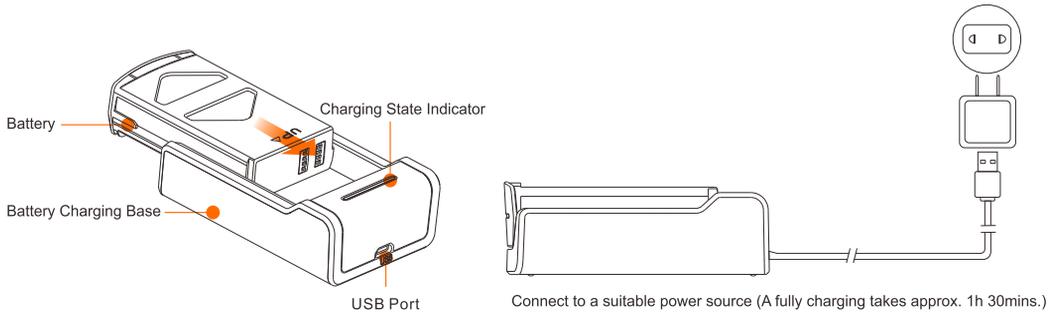
WINGSLAND

WINGSLAND S6
Quick Start Guide V2.1



1.Charge Battery

The rechargeable S6 LiPo Battery has 1400 mAh capacity with standard voltage 7.6V. Charge it by using the S6 specialized charger. The LED light stays solid red when the battery is under charging and the light turns green till the battery is fully charged. Remove the battery and disconnect the charger after it is fully charged. Portable power source is also available for S6 battery charging.



- ❗ Disconnect the charger and remove the battery when green and red LED light flashes alternately, which indicates a battery error.
- ❗ When working temperature is low, the performance of the battery would be affected severely and the flight time would decrease. In this case, please power on the aircraft for 3-5 minutes or warm up the battery to above 20°C in pocket or in hands to further take off.

2.Download WINGSLAND FLY APP

Scan the QR code to download and install the latest version of WINGSLAND FLY. The APP also can be found on WINGSLAND official website (www.wingsland.com) or App Store.



APP Android

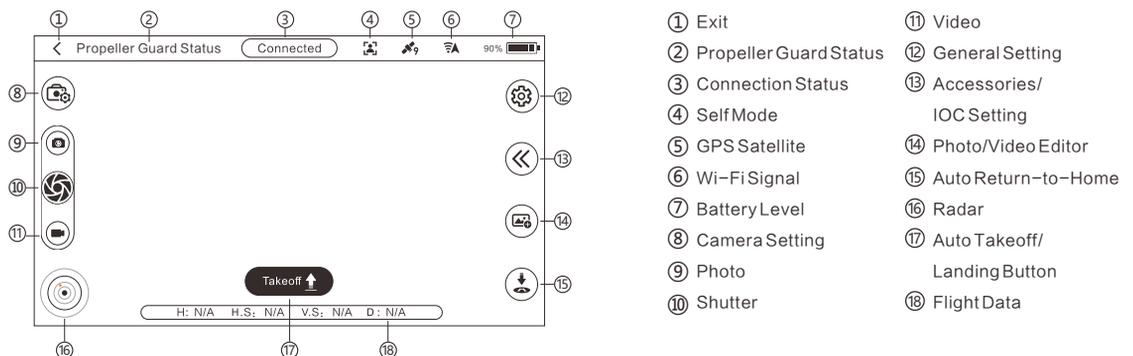


APP iOS

- ❗ WINGSLAND FLY only supports iOS 9.0 (or later) or Android 5.0.1 (or later). Recommend devices: iPhone, Huawei, Xiaomi, MEIZU, OPPO.

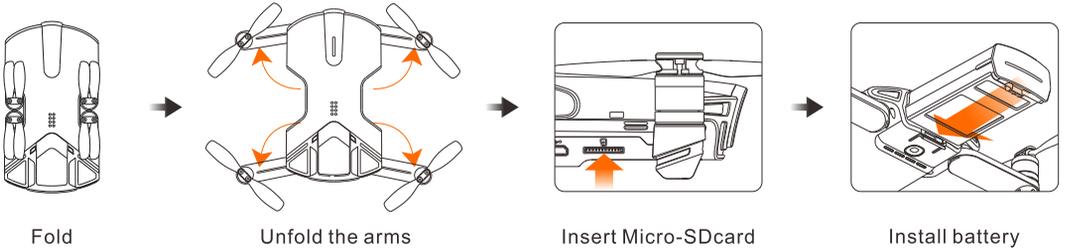
3.WINGSLAND FLY APP

WINGSLAND FLY is a mobile application designed specifically for the S6. WINGSLAND offers an ideal and powerful mobile device remote solution for configuring the camera and the aircraft, piloting through the virtual remote FPV monitor and flight critical information display.



4.Prepare the Aircraft

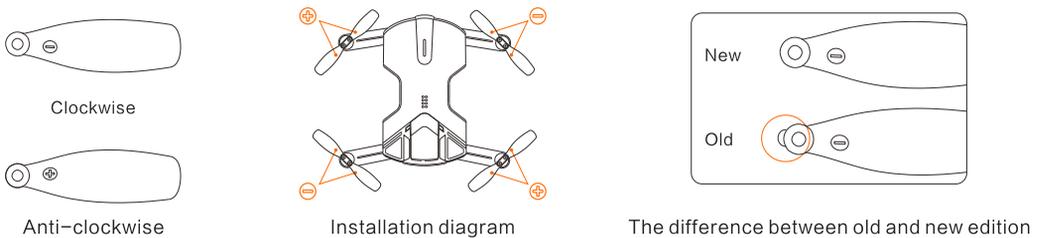
Unfold the front and rear arm to maximum position. Insert Micro-SD card into SD card slot (max. capacity supported: 32G) and slide the battery into the compartment.



⚠ The old version propeller blades need to be unfolded and extended into ready-to-fly position before takeoff. The new version propellers can be spread out automatically by the centrifugal force after takeoff. They cannot be mixed and used as the whole set.

Change the propellers

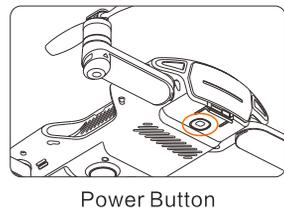
Distinguish marks of directions on propellers, ⊕ stands for clockwise and ⊖ stands for counter-clockwise. Unscrew the screws counter-clock wisely and take out the used propellers, then replace new propellers with the same marks of direction and fasten the screws securely.



⚠ Recommend: Please fasten screws securely after every 5 hours flight time by using provided screw driver to protect it from falling off.

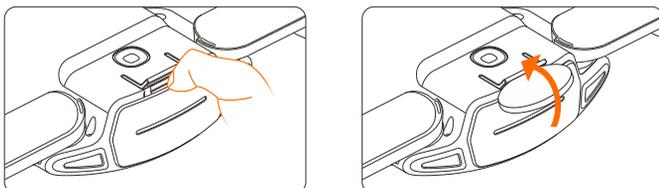
Battery

Press and hold the power button for 5 seconds to power up the aircraft. After that, a continuously short beep sound indicates the aircraft is self-checking, a long beep sound indicates self-checking is complete and the aircraft is ready to go.



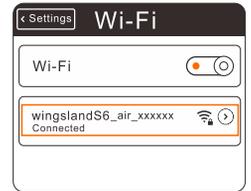
Replace the Battery

Flip over the aircraft, use your thumb to lever up the compartment lock and pull out the battery. If you are unable to do that with your thumb, please use a flat and small hard-object to pull out the used battery and replace the new one.



5. Connect the drone with Mobile Device

After powering on the aircraft, enable the Wi-Fi connection on your mobile device, select wingslandS6_air_xxxxxx from the Wi-Fi list. Enter the default Password 12345678 OR wingsland. Check the label of WiFi name and password beside the aircraft arm. Launch the WINGSLAND FLY when WiFi is connected



! S6 uses Wi-Fi transmission, live-view quality and control distance will vary and the actual performance may depend on different mobile devices.

6. Flight Mode

Before the takeoff, please confirm the propeller guards prompt whether the aircraft is with or without propellers guard. The following flight modes are available in S6

GPS Mode

S6 can use the internal GPS/GLONASS dual-module system to take off and hover outdoor where the aircraft can receive 7 or more satellites signal. Flying and geographical conditions can have a significant impact for the GPS reception, please pay attention to the following cases.

1. Always fly the aircraft in an open area with clear sight and keep away from the crowds and animals.
2. Always fly at locations that are clear of buildings, power lines and locations where may have a strong electromagnetic interference.
3. Do not fly the aircraft in no-fly zone or any other legally restricted areas. Observe local laws and regulations. Keep the aircraft flight range and height within 100 meters.
4. Do not use the aircraft in severe weather conditions: snow, rain, smog, wind speeds exceeding 5m/s, etc.
5. Be more cautious when flying it at 6000 meters or more above sea level. The performance of the aircraft and the battery might be affected by the environmental conditions.

Assistant Positioning System

With the help of the Vision Positioning System, the aircraft can hover in place precisely when flying indoor or in other environments where the GPS signal is insufficient or unavailable. The system is only valid when the aircraft is between 0.45m and 2.5m above the surface. The performance of the Vision Positioning System is subjected to the flight speed, brightness and texture of the surface which the aircraft is flying over. Please be more cautious to use the assistant positioning system in the following cases:

- Flying at a high speed while at a low altitude.
- Flying over a surface with unclear patterns or highly repeating patterns.
- Flying over a monochrome surface or a water surface.
- Flying in an extremely dark or bright environment.
- Flying over a inclined surface which is tilted over 30 degrees.
- Flying over a moving surface or other environment which may affect the ultrasonic or optical flow positioning.

! When flying indoor, the aircraft can only be landed by One-key Land operation.

! When the Vision Positioning System is not working, the aircraft can only use barometer to only maintain its altitude (the aircraft may drift horizontally). In this case, Land the aircraft as soon as possible.

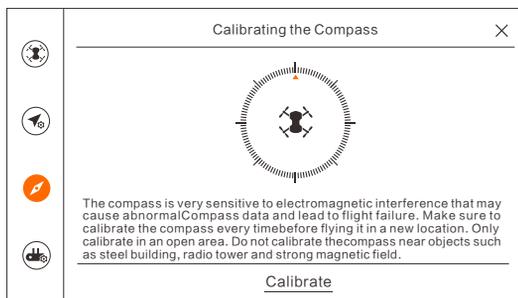
7. GO Start to Fly

Calibrate the Compass

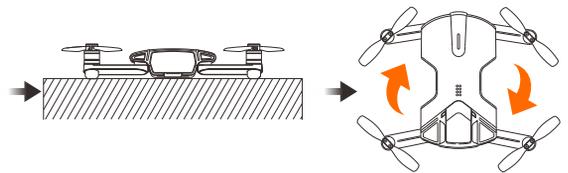
Please calibrate the aircraft for the following cases:

- First Flight.
- Flying in a new location or in a location that is far apart from the last flight.
- A drift occurs when the aircraft is hovering.

Tap into the general setting menu  and select the compass calibration icon  ①. Place the aircraft on a flat ground  and confirm to start the calibration and follow the APP prompt to rotate the aircraft 360 degree clockwise horizontally for at least 6 times  ③. Place the aircraft on a flat ground and wait for the prompt shows Calibrating Data Updating. Tap yes to finish the calibrating. If a “Gyroscope Error” prompt shows up, please redo the above process.



①



②

③

Takeoff/Landing

In the flying interface, tap the One-key Takeoff icon , then confirm  to active the feature. The aircraft will automatically take off and hover above the ground .

After takeoff, the One-key Takeoff icon will change to One-key Landing icon , By Tapping the icon the aircraft will automatically perform the landing. Check the landing area condition and make sure no obstacle below the aircraft before the landing.

- ⚠ One-key Takeoff hover up attitude reference: Indoor 1.2m / Outdoor 2.5m
- ⚠ Please do not takeoff in a narrow and relatively small space. Follow the indoor and outdoor flying notices. For more information please refer to the user manual.

Return-to-Home

Tap the Auto Return-to-Home icon  in the flying interface and Confirm to command the aircraft return to the last recorded home point in a preset altitude. The auto Return-to-Home function can be canceled during a Return-to-Home flight by tapping the exit icon or moving virtual joysticks.

- ⚠ If the aircraft is flying under 7 meters, the aircraft will automatically ascend to 7 meters from the current height. If the current height is 7 meters or above 7 meters, the aircraft will return to home point with the current height. When the aircraft is between 5m from the Home point, it will return to the Home point at the current altitude with the Return-to-Home function.

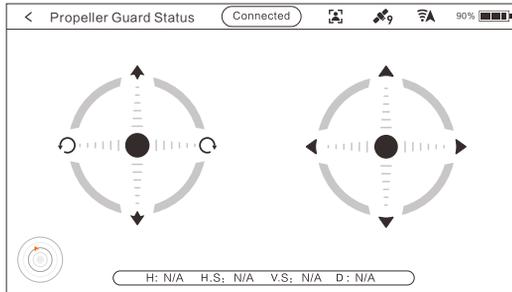
8. Control Mode

Virtual Joystick Mode

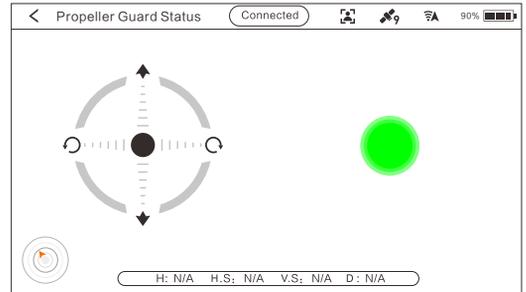
Ensure the smart device has been connected to the aircraft before using the virtual joystick mode. By pressing on the screen, the virtual joystick will be displayed on the APP screen . The virtual joysticks are set to Mode2 by default (Mode1 and Mode2 can be switched under general setting). The left joystick controls the throttle and rotation of the aircraft, the right joystick controls forward, backward, left, right movement of the aircraft.

Motion Sensitive Mode

Tap the general setting icon . Then change to the motion-sensitive mode by choosing the control stick setting icon. By pressing on the left half of the screen, a joystick will be displayed on left of the screen, which controls the throttle and rotation of the aircraft. By pressing on the right half of the screen, hold the green round on the right of the APP screen. The APP will record current inclined position of mobile device as a referenced position. Then tilt the mobile device to control the motion of aircraft when the circle button turns green. Tilt the mobile device forward/backward, the aircraft will fly forward/backward. Tilt the mobile device left/right, the aircraft will fly toward left/right.



Virtual Joystick



Motion Sensitive (Mode 2)

- ! Motion Sensitive Mode only works under the Mode2. (Model 1 –The right joystick serves as the throttle. Mode2 – The left joystick serves as the throttle. For more information, please refer to the S6 User Manual)

9. Photos/Videos

Photos: Under single shot mode: Tap shutter icon  once to take one photo. Choosing burst mode on camera setting: Tap shutter icon  once to take continuous 6 photos.

- ! By opening Timer Photo Mode on camera setting, tap shutter icon once, the camera will take a picture automatically after 5 seconds delay.

Videos: Tap the video icon  to change to the video record mode. Tap record icon  once to start recording video, then tap icon  again to stop recording. A recording timer will be displayed during the video shooting.

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For more information, please refer to the “S6 User Manual”
www.wingsland.com



* Information included in this Quick Start Guide could be amended without notice. Please download the latest version from website:
www.wingsland.com.