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**S1S**

# S1S Drone User Manual

Model: S1S | Brand: Generic

## Product Overview

The S1S Drone is an advanced quadcopter designed for aerial photography and recreational flight. It features an HD dual camera capable of 4K video capture, WiFi FPV for real-time transmission, and intelligent functions such as One Key Return, Gesture Control, and Automatic Obstacles Avoidance. Its 2.4GHz anti-interference technology ensures stable control, making it suitable for intermediate skill levels.



Image: The S1S Drone, showcasing its foldable design, dual cameras, and included remote control and carrying case.

## What's in the Box

Please verify that all components are present upon unboxing:

- S1S Drone Unit
- Remote Control
- HD Dual Camera (integrated or separate, depending on model variant)
- Rechargeable Battery (1800 mAh Lithium Ion)
- Spare Propellers
- USB Charging Cable
- Carrying Case
- User Manual (this document)




Image: A visual representation of the S1S Drone, its remote controller, and the compact carrying case, illustrating the complete package contents.

## Setup Guide

1. **Charge the Battery:** Connect the drone battery to the provided USB charging cable and plug it into a 5V/2A USB power adapter (not included). The charging indicator will show status. Ensure the battery is fully charged before first use.
2. **Install Propellers:** Attach the propellers to the motor shafts according to the markings (e.g., A and B). Ensure they are securely fastened. Incorrect installation can affect flight stability.
3. **Insert Drone Battery:** Carefully insert the charged battery into the drone's battery compartment until it clicks into place.
4. **Prepare Remote Control:** Install 3x AAA batteries (not included) into the remote control. Extend the phone holder if you plan to use a smartphone for FPV.
5. **Download App:** Scan the QR code in the quick start guide or search for the designated app (e.g., 'S1S FPV'

or similar, refer to packaging) on your smartphone's app store. Install the app.

6. **Power On & Pair:**
    - Place the drone on a flat, level surface.
    - Press and hold the power button on the drone until the indicator lights turn on.
    - Turn on the remote control.
    - Push the left joystick up then down to pair the remote with the drone. The drone lights will stop flashing and become solid when paired successfully.
7. **Connect to Wi-Fi (FPV):** On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (usually named 'S1S-XXXXXX'). Open the drone app to view the live FPV feed.

# Operating Instructions

## Basic Flight Controls

- **Take-off/Landing:** Press the One Key Take-off/Landing button on the remote or app. Alternatively, push both joysticks diagonally outwards to arm motors, then slowly push the left joystick up to ascend.
- **Altitude Hold:** The drone features optical flow positioning for stable hovering. Once airborne, release the left joystick, and the drone will maintain its current altitude.
- **Directional Control:** Use the right joystick to control forward, backward, left, and right movement.
- **Rotation:** Use the left joystick left/right to rotate the drone horizontally.
- **One Key Return:** Press the One Key Return button. The drone will automatically fly back towards its take-off point. Ensure a clear path.

## Advanced Features

- **Automatic Obstacles Avoidance:** The drone is equipped with sensors to detect and avoid obstacles automatically, enhancing flight safety.
- **Gesture Control:** Perform specific hand gestures in front of the camera to trigger photo or video recording. Refer to the app's instructions for specific gestures.
- **HD Dual Camera & 4K Video:** Switch between the front and bottom cameras via the remote or app. Record high-resolution 4K video and capture clear aerial photos. The camera angle can be remotely adjusted up to 90 degrees.
- **WiFi FPV & App Control:** View real-time footage on your smartphone via the app. The app also allows comprehensive control over flight functions and camera settings.
- **Electronic Fence & Low Power Alarm:** The drone has a built-in electronic fence feature (e.g., 100m limit) to prevent it from flying too far. If the distance is exceeded or battery power is low, an alarm will sound, and the drone may initiate an automatic return.




Image: The S1S Drone in flight, with a smartphone displaying the live FPV feed and app controls, demonstrating HD image transmission and app control capabilities.




Image: A close-up view of the S1S Drone's electric condenser HD dual camera system, highlighting its ability for 90-degree remote control angle adjustment.




Image: An illustration depicting the S1S Drone's electronic fence feature, indicating a 100m limit, and a low power alarm, designed to prevent loss.

## Maintenance

- **Cleaning:** After each flight, gently wipe the drone body and camera lenses with a soft, dry cloth to remove dust and debris. Avoid using liquid cleaners directly on electronic components.
- **Propeller Inspection:** Regularly check propellers for any cracks, bends, or damage. Replace damaged propellers immediately using the provided spare parts. Ensure they are installed correctly.
- **Battery Care:**
  - Do not overcharge or over-discharge the battery.
  - Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
  - If storing for extended periods, charge the battery to approximately 50-60% capacity.
- **Storage:** When not in use, fold the drone and store it in its carrying case to protect it from physical damage and environmental factors.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Drone does not power on | Battery not charged or improperly inserted. | Ensure battery is fully charged and correctly inserted. |
| Remote control not connecting | Remote batteries low or pairing failed. | Replace remote batteries. Re-attempt pairing procedure (joystick up-down). |
| No FPV feed on smartphone | Not connected to drone's Wi-Fi or app issue. | Verify Wi-Fi connection to drone. Restart app and drone. |
| Drone drifts during flight | Not calibrated on a flat surface or wind interference. | Ensure drone is placed on a flat surface for power-on. Perform gyroscope calibration if available (refer to app/quick guide). Avoid strong winds. |
| Poor image/video quality | Dirty camera lens or insufficient lighting. | Clean camera lens. Ensure adequate lighting conditions for photography/videography. |

## Specifications

| Feature | Detail |
|---|---|
| Brand | Generic |
| Model Name | S1S |
| Age Range (Description) | Adult |
| Color | Black |
| Video Capture Resolution | 4K |
| Connectivity Technology | USB, Wi-Fi |
| Skill Level | Intermediate |
| Battery Capacity | 1800 Milliamp Hours |
| Video Capture Format | 4k |
| Control Type | Gesture Control |
| Media Type | SD (for storage, if applicable) |
| Wireless Communication Technology | Wi-Fi |

| Feature | Detail |
| --- | --- |
| Battery Cell Composition | Lithium Ion |
| Optical Sensor Technology | CMOS |

## Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.

For further assistance, please visit the product page on Amazon.com or contact the manufacturer's customer service.

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Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

**Answered questions about this manual**

**How do I lift the S1S drone so that it stops at a specific height, and why does it automatically move forward when I push the left joystick up?**

Based on the S1S Drone manual, here is how to manage the flight controls and address the issues you are experiencing: Stopping at a specific height (Altitude Hold): The S1S drone is equipped with...

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