Holy Stone HS360S

Holy Stone HS360S GPS Drone User Manual

Model: HS360S

Introduction

This manual provides comprehensive instructions for the safe operation, maintenance, and troubleshooting of your Holy Stone HS360S GPS Drone. Please read this manual thoroughly before operating the drone to ensure proper usage and to maximize your flight experience.

The Holy Stone HS360S is a lightweight, foldable FPV RC Quadcopter designed for adults, featuring a 4K camera, extended control range, brushless motors, and intelligent flight modes such as Follow Me and Smart Return Home. Weighing less than 250g, it offers a hassle-free flying experience without the need for FAA or Remote ID registration in many regions.

Safety Guidelines

Adhering to these safety guidelines is crucial for preventing accidents and ensuring safe operation of your drone.

- **Pre-Flight Check:** Always inspect the drone, propellers, and battery before each flight. Ensure all components are securely attached and undamaged.
- **Flight Environment:** Fly in open areas, away from people, buildings, trees, and power lines. Avoid flying in strong winds, rain, or other adverse weather conditions.
- **Battery Safety:** Use only original Holy Stone batteries. Do not overcharge or over-discharge batteries. Store batteries in a cool, dry place away from flammable materials.
- **Propeller Safety:** Keep hands, face, and loose clothing away from rotating propellers. Never attempt to catch a flying drone.
- **Respect Privacy:** Be mindful of privacy laws and regulations when operating the drone and capturing footage.
- **Local Regulations:** Familiarize yourself with local drone flying regulations and restrictions.

What's in the Box

The Holy Stone HS360S package includes the following components:

- Holy Stone HS360S GPS Drone
- Remote Control

- Flight Batteries (Quantity: 2)
- USB Charging Cable
- Spare Propellers
- Screwdriver
- User Manual (this document)
- Carrying Case



Image: The Holy Stone HS360S drone, remote control, two batteries, spare propellers, charging cable, and screwdriver, all neatly packed in a protective carrying case.

Setup

1. Unfolding the Drone

Gently unfold the drone arms until they click into place. Ensure all four arms are fully extended and locked.

2. Battery Installation and Charging

- Insert the fully charged flight battery into the battery compartment on the rear of the drone until it clicks securely.

- To charge the battery, connect the USB charging cable to the battery and a suitable USB power adapter (5V/2A recommended). The charging indicator light will show charging status.
- For the remote control, insert 3 AA batteries (not included) into the compartment on the back.

3. Remote Control Setup

Extend the phone holder on the remote control and securely mount your smartphone. Ensure the phone is centered and stable.

4. App Installation and Connection

- Download the "Holy Stone HS Fly" app from your smartphone's app store (iOS/Android).
- Power on the drone and the remote control.
- On your smartphone, connect to the drone's Wi-Fi network (usually named "HolyStone_HS360S_XXXXXX").
- Open the "Holy Stone HS Fly" app. The app should automatically connect to the drone, displaying the live camera feed.

5. GPS Calibration

Before the first flight and whenever flying in a new location, perform GPS calibration as instructed by the app. This typically involves rotating the drone horizontally and vertically to calibrate the compass.

Operating the Drone

Basic Flight Controls

Control Stick/Button	Function
Left Stick (Up/Down)	Throttle (Ascend/Descend)
Left Stick (Left/Right)	Yaw (Rotate Left/Right)
Right Stick (Up/Down)	Pitch (Forward/Backward)
Right Stick (Left/Right)	Roll (Left/Right Sideways Flight)
One-Key Takeoff/Landing Button	Initiates automatic takeoff or landing.
Return-to-Home (RTH) Button	Initiates automatic return to the takeoff point.

Intelligent Flight Modes

- **Follow Me:** The drone will automatically follow the remote controller or the mobile device, keeping you in the frame. Activate via the Holy Stone HS Fly app.
- **Smart Return Home (RTH):** The drone will automatically return to its recorded home point if the battery is low, connection is lost, or the RTH button is pressed.
- **GPS Positioning:** Utilizes GPS for stable hovering and precise positioning, enhancing flight stability and safety.



Image: Visual representation of the drone's powerful GPS functions, including Return to Home, Follow Me, and Image Follow, ensuring stable and intelligent flight.



Image: The Holy Stone HS360S drone in flight, illustrating its impressive 10,000 feet long-range transmission capability.

Camera Operation

- The 4K UHD camera can be adjusted within 90° via the remote control or the app.
- To capture photos, press the photo button on the remote control or tap the camera icon in the app.
- To record videos, press the video button on the remote control or tap the video icon in the app to start/stop recording.
- Captured media is saved to your smartphone via the app or to an inserted SD card (if applicable).



Image: A detailed view of the drone's 4K HD camera, highlighting its 90-degree electric adjustable angle and 85-degree FOV, capable of 4K video at 20fps with advanced 5GHz Wi-Fi transmission.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals or solvents.
- **Propeller Care:** Regularly check propellers for cracks, bends, or damage. Replace any damaged propellers immediately using the provided spare parts and screwdriver. Ensure propellers are installed correctly (A and B types).
- **Battery Storage:** If storing the drone for an extended period, ensure batteries are charged to approximately 50-60% capacity. Store them in a cool, dry place.
- **Motor Inspection:** Periodically check the brushless motors for any debris or obstructions.
- **Firmware Updates:** Check the Holy Stone official website or app regularly for firmware updates to ensure optimal performance and new features.

Troubleshooting

Problem	Possible Cause	Solution
Drone does not power on.	Low battery; Battery not installed correctly.	Charge the flight battery; Reinstall the battery securely.
No live video feed in app.	Wi-Fi not connected; App not open or crashed.	Ensure phone is connected to drone's Wi-Fi; Restart app and drone.
Drone drifts during flight.	Improper calibration; Strong wind interference.	Perform GPS and gyroscope calibration; Fly in calmer conditions.
Return-to-Home (RTH) not accurate.	Weak GPS signal; Home point not properly recorded.	Ensure strong GPS signal (at least 7-8 satellites); Take off from an open area.
Remote control not connecting to drone.	Remote control battery low; Pairing issue.	Replace remote control batteries; Re-pair the remote control with the drone (refer to app instructions).

Specifications

Feature	Detail
Model Name	HS360S
Weight	Under 250g
Camera Resolution	4K UHD (3840x2160P photos, 4K videos)
Camera Sensor	1/3" CMOS GalaxyCore Sensor
Camera Angle	85° wide-angle, 90° adjustable
Control Range	Up to 10,000 Feet
Flight Time	Approx. 20 minutes per battery
Motor Type	Brushless Motor
Transmission	5G Transmission
Connectivity Technology	Cellular (for app connection)
Video Capture Format	MP4
Supported Image Format	JPEG, PNG

Warranty and Support

Holy Stone provides customer support for their products. For any issues, questions, or concerns regarding your HS360S drone, please contact Holy Stone customer support. Details on warranty coverage and how to claim warranty services are typically provided with your product purchase or can be found on the official Holy Stone website.

As stated by Holy Stone, their support team is always available to assist you with any drone-related issues.

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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.

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