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Holy Stone HS360E

Holy Stone HS360E GPS EIS Drone User Manual

Model: HS360E
Brand: Holy Stone

1. Setup

1.1 Unboxing and Components

Carefully unpack all items from the carrying case. Ensure all components are present:

- Holy Stone HS360E EIS Drone with Camera 4K
- Holy Stone HS360E GPS Drone Transmitter
- 4K Drone Carrying Case
- Holy Stone HS360E Intelligent Drone Battery
- HS360E Advanced Drone Battery Charger
- Holy Stone HS360E Drone Spare Propellers (4x)
- Holy Stone HS360E GPS Drone Manual



Image: Holy Stone HS360E Drone, remote controller, battery, charger, spare propellers, and carrying case.

1.2 Battery Installation and Charging

Install the intelligent flight battery into the drone and ensure it clicks securely into place. Charge the drone battery and remote controller using the provided charger until fully charged. A full charge typically takes a few hours.

1.3 Propeller Installation

Attach the propellers to the corresponding motor arms. Ensure they are securely fastened according to the markings in the detailed manual.

1.4 Remote Controller Setup

Download the **HS Fly App** on your smartphone. Connect your smartphone to the remote controller using the provided USB cable. The remote controller supports various connectors for compatibility.

1.5 Initial Calibration

Before the first flight, perform compass and gyroscope calibration as instructed in the detailed manual. This ensures accurate flight performance and stability.

2. Operating the Drone

2.1 Pre-Flight Checklist

- Ensure drone and remote controller batteries are fully charged.
- Verify strong GPS signal (indicated on the remote controller screen).
- Select an open area free from obstacles and interference.
- Confirm propellers are correctly installed and undamaged.

2.2 Take-off and Landing

The drone supports one-key take-off and landing via the remote controller. For manual control, use the joysticks to ascend and descend smoothly.

2.3 Flight Controls and Modes

The HS360E offers various intelligent flight modes for enhanced user experience:

- **GPS Mode:** Ensures stable flight and precise positioning.
- **Follow Me:** The drone automatically follows the remote controller.
- **Waypoint Flight:** Plan a custom flight path on the app.
- **Circle Fly:** The drone orbits a designated point.
- **One Key Return:** Automatically brings the drone back to its take-off point.
- **Optical Flow Positioning:** Provides stable hovering indoors or in areas with weak GPS.



Image: GPS Return Home and Optical Flow Positioning for stable flight.



Image: Overview of various flight and camera features available through the app.

2.4 Camera Operation

The drone features a 4K EIS camera with a 1200W sensor for high-quality photos and videos. Electronic Image Stabilization (EIS) helps ensure smoother footage.

- **Photo Capture:** Tap the camera icon on the app to take still images.
- **Video Recording:** Tap the video icon to start/stop recording.
- **Adjustable Settings:** Control white balance, contrast, saturation, and sharpness via the app for optimal image quality.
- **Panorama Shooting:** Effortlessly capture sweeping landscapes with one-tap panorama mode.
- **Time-Lapse Video & Vertical Shooting:** Explore creative video options.



Image: Detail of the 4K EIS camera with 1200W sensor.



Image: Comparison showing the clarity with and without EIS.

2.5 Image Transmission

The drone offers up to 20,000ft HD image transmission, providing a clear and live view during flight. A wired connection to the remote controller is recommended for smoother live-feed and easier operation compared to wireless connections.



Image: Illustration of the drone's long-distance HD image transmission capability.



Image: Comparison highlighting the benefits of wired connection over wireless for live video feed.

2.6 Safety Features

The HS360E is equipped with a 10-Layer Smart Protect System and GPS auto-return functions for safe flights:

- **Smart RTH (Return to Home):** Initiated manually or automatically when signal is lost or battery is low.
- **Failsafe RTH:** Returns home if connection is lost.
- **Low Voltage RTH:** Returns home when battery is critically low.



Image: GPS Auto Return ensures the drone safely returns to its take-off point.

3. Maintenance

3.1 Cleaning

Regularly clean the drone body and camera lens with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

3.2 Propeller Replacement

Inspect propellers for any damage before each flight. Replace bent, cracked, or chipped propellers immediately using the provided spare parts and tools. Refer to the manual for correct installation.

3.3 Battery Care and Storage

Store batteries in a cool, dry place away from direct sunlight. Do not overcharge or over-discharge batteries. For long-term storage, charge batteries to approximately 50%.

4. Troubleshooting

If you encounter any issues, please refer to the detailed Holy Stone HS360E GPS Drone Manual included in the box for comprehensive troubleshooting steps.

Common Issues:

- **Connectivity Problems:** Ensure proper phone connection to the remote controller and strong Wi-Fi signal.
- **Unstable Flight:** Perform compass and gyroscope calibration. Check for damaged propellers.
- **Short Battery Life:** Ensure batteries are fully charged and not damaged. Flight time is up to 30 minutes.
- **Image/Video Quality:** Adjust camera settings (white balance, contrast, saturation, sharpness) in the app. Ensure good lighting conditions.

5. Specifications

Feature	Specification
Brand	Holy Stone
Model Name	HS360E
Item Weight	8.7 Ounces (249g)
Product Dimensions	8.2"L x 7"W x 2.1"H
Video Capture Resolution	4K
Optical Sensor Technology	CMOS (1200W Sensor)
Image Stabilization	EIS (Electronic Image Stabilization)
Max Transmission Range	20,000ft (approx. 4 Miles)
Battery Capacity	2100 Milliamp Hours (Lithium Polymer)
Flight Time	Up to 30 minutes
Motors	1503 Brushless Motors
Connectivity Technology	Wi-Fi Repeater
Skill Level	All

6. Warranty & Support

Holy Stone is a **7 Years Golden Seller on Amazon**, demonstrating a commitment to customer satisfaction.

Support Resources:

- **One-On-One Tutoring:** Personalized assistance for new users.
- **Quick Start Guide:** A concise guide for immediate use.
- **Tutorial Video:** Visual instructions for setup and flight.
- **Direct Contact:** Online Chat, Email, and Phone Call options are available for support.



Image: Holy Stone offers various support resources including tutoring and tutorial videos.

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