Holy Stone HS110G

Holy Stone GPS Drone HS110G User Manual

Model: HS110G

Brand: Holy Stone

1. Product Overview

The Holy Stone HS110G GPS Drone is designed for both adults and kids, offering an easy-to-use flying experience with advanced features. It includes a 1080P HD camera for FPV live video, GPS auto-return, altitude hold, and intelligent flight modes like Follow Me.



Figure 1: Holy Stone HS110G GPS Drone, remote controller, and two modular batteries.

2. Package Contents

Ensure all items are present in your package:

- HS110G GPS Drone
- Remote Control
- Modular Batteries (x2)
- Propellers (Spare set)
- USB Charging Cable
- Screwdriver
- User Manual (this document)
- Carrying Case

3. Setup Guide

3.1 Battery Installation & Charging

The drone comes with two modular batteries, providing up to 26 minutes of flight time. Ensure batteries are fully charged before use.

1. Insert the modular battery into the drone's battery compartment until it clicks securely.
2. To charge, connect the battery to the provided USB charging cable. A full charge takes approximately 2 hours.

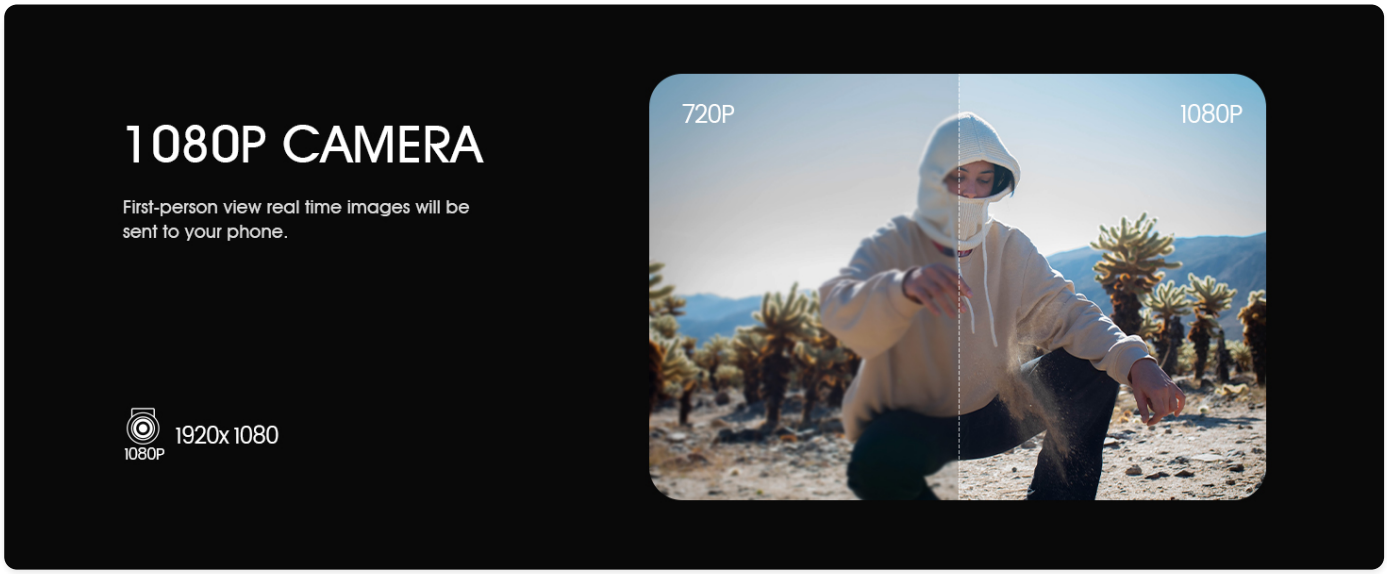


Figure 2: Modular battery installation for extended flight time.

3.2 Propeller Installation

The propellers are detachable for easy transport. Ensure they are securely attached before flight.

1. Match the propellers to their corresponding motor arms (indicated by markings).
2. Press down firmly until the propeller locks into place.

3.3 Remote Controller Setup & App Connection

The remote controller holds your smartphone for FPV viewing and app control.

1. Install 3 AA batteries (not included) into the remote controller.
2. Download the Holy Stone app from your device's app store.
3. Power on the drone, then the remote controller.
4. Connect your smartphone to the drone's Wi-Fi network (usually named 'HolyStone-HS110G-XXXX').
5. Open the Holy Stone app to establish connection and view the live feed.



Figure 3: Remote controller with smartphone for FPV and one-click sharing.

3.4 GPS Calibration

For stable flight and accurate GPS features, proper calibration is essential.

1. Place the drone on a flat, open surface.
2. Follow the on-screen instructions in the app or refer to the quick start guide for the specific calibration sequence (horizontal and vertical rotations).
3. Wait for the GPS signal to lock (indicated by solid green lights on the drone).

4. Operating Instructions

4.1 Basic Flight Functions

- **One Key Takeoff/Landing:** Press the dedicated button on the controller or in the app for automatic takeoff or landing.
- **Altitude Hold:** The latest Altitude Control System enables stable flight, maintaining a consistent height.
- **Headless Mode:** Simplifies controls by eliminating the need to adjust the drone's orientation relative to the pilot.
- **Emergency Stop:** Press the emergency stop button on the controller to immediately cease propeller rotation in critical situations.



Figure 4: User-friendly features for simplified drone operation.

4.2 Intelligent Flight Modes

- **Follow Me:** The drone will automatically follow the controller, keeping you in the frame.
- **Custom Flight Path (Tap Fly):** Draw a desired flight path on the app's map, and the drone will fly along it.
- **Point of Interest:** Set a central point, and the drone will circle around it, capturing footage.



Figure 5: Drone demonstrating Follow Me mode.



Figure 6: Point of Interest and Tap Fly intelligent flight modes.

4.3 Camera Operation

The HS110G drone features a 1080P HD camera for high-quality photo and video capture.

- Record images and voice simultaneously.
- Share content directly to social media through the app.



Figure 7: High-definition 1080P camera for clear aerial footage.

4.4 Auto Return

The drone is equipped with GPS Auto Return for safe recovery.

- The drone will automatically return to the 'HOME' point if it loses signal or power.
- You can also initiate auto-return by pressing the dedicated button on the controller.



Figure 8: GPS assisted return features for drone safety.

5. Maintenance

5.1 Propeller Care and Replacement

Regularly inspect propellers for damage. Replace any bent or chipped propellers immediately to ensure stable flight.

- Use the provided screwdriver to remove and install propellers.
- Ensure correct propeller type (A or B) is installed on the corresponding motor.

5.2 Battery Care

Proper battery care extends battery life and ensures safe operation.

- Store batteries in a cool, dry place away from direct sunlight.
- Do not overcharge or over-discharge batteries.
- If not used for an extended period, charge batteries to about 50% capacity.

5.3 Cleaning

Keep your drone clean for optimal performance.

- Wipe the drone body with a soft, dry cloth.
- Gently clean the camera lens with a microfiber cloth.

6. Troubleshooting

Problem	Possible Cause	Solution
Drone does not respond to controller.	Not paired; low battery; signal interference.	Re-pair drone and controller; charge batteries; move to open area.
Unstable flight / Drifting.	Improper calibration; windy conditions; damaged propellers.	Perform GPS calibration; fly in calm conditions; replace damaged propellers.
Camera not recording to SD card.	Incorrect SD card format/class; faulty camera.	Ensure MicroSD card is Class 10 and formatted as FAT32. Contact support if issue persists.
Auto Return not working accurately.	Weak GPS signal; no 'HOME' point set.	Ensure strong GPS signal (solid green lights) before takeoff; set 'HOME' point.

7. Specifications

Feature	Detail
Model Name	HS110G
Age Range (Description)	Adult (Manufacturer recommended: 14 years and up)
Color	Black
Video Capture Resolution	1080p (1920x1080 pixels)
Effective Still Resolution	250 MP
Connectivity Technology	Wi-Fi
Item Weight	6.2 Ounces
Battery Capacity	1500 Milliamp Hours (2 batteries included)
Maximum Range	300 Meters (984ft)

Feature	Detail
Material	Plastic
Product Dimensions	12.05"L x 7.6"W x 3.6"H
Skill Level	Beginner

8. Warranty and Support

Holy Stone offers comprehensive customer support for their products. For any issues or inquiries, please refer to the official Holy Stone support channels.

- **Protection Plans:** Extended protection plans are available for purchase (e.g., 2-Year, 3-Year plans).
- **User Manual (PDF):** A detailed PDF user manual is available for downloadhere.
- **Safety Information (PDF):** Important safety guidelines can be found here.
- **Customer Support:** Holy Stone is committed to providing 24/7 customer support.

9. Official Product Videos

Below are official product videos from the seller to assist with setup and operation. Please note that only videos from the official seller are included.

No official seller videos were found for this product based on the provided criteria.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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