

Holy Stone HS710

Holy Stone HS710 4K GPS FPV Foldable 5G Quadcopter User Manual

Comprehensive instructions for setup, operation, and maintenance of your Holy Stone HS710 drone.

1. PRODUCT OVERVIEW

The Holy Stone HS710 is a high-performance, foldable drone designed for both beginners and experienced pilots. It features a 4K camera for stunning aerial photography and videography, advanced GPS functions for stable flight, and powerful brushless motors for reliable operation.

- **4K Camera with 5G FPV Transmission:** Captures UHD 4K video and features a 120° wide-angle lens with 90° remote-controlled adjustable structure. 5GHz FPV ensures smooth image transmission.
- **Intelligent Flight Features:** Includes GPS functions like Follow Me, Waypoint Flight, Tap Fly, and Point of Interest for automated flight and hands-free operation.
- **Easy to Fly:** Altitude Hold, Smart Return to Home, Emergency Stop, and One Key Take Off/Landing simplify operation, making it ideal for beginners.
- **Triple Stability Guarantee:** Utilizes GPS and GLONASS dual-mode positioning combined with Optical Flow Positioning for extremely stable hovering indoors and outdoors.
- **Lasting and Powerful:** Equipped with brushless motors for stable flight even in windy conditions. Modular batteries provide up to 25 minutes of flight time.
- **Super Lightweight:** Weighs less than 0.55LB, eliminating the need for FAA registration.



The Holy Stone HS710 drone, its remote controller, and compact carrying case.

2. WHAT'S IN THE BOX

Your Holy Stone HS710 package includes the following items:

- Holy Stone HS710 Drone
- Remote Control
- Flight Battery (Modular)
- USB Charging Cable
- Spare Propellers
- Screwdriver
- User Manual (this document)
- Carrying Case



All components included in the Holy Stone HS710 drone package.

3. SETUP GUIDE

3.1 Charging the Battery

Before first use, fully charge the flight battery. The modular battery can be charged directly using the provided USB-C cable.

- Connect the USB charging cable to the battery.
- Plug the other end of the USB cable into a USB power adapter (not included) or a computer USB port.
- The battery indicator lights will show charging progress. Once all lights are solid, the battery is fully charged.

3.2 Remote Controller Setup

The remote controller requires 2 AA batteries (not included). Insert them into the battery compartment on the back of the controller.

- Extend the phone holder and antennas from the remote controller.
- Power on the remote controller by pressing the power button.



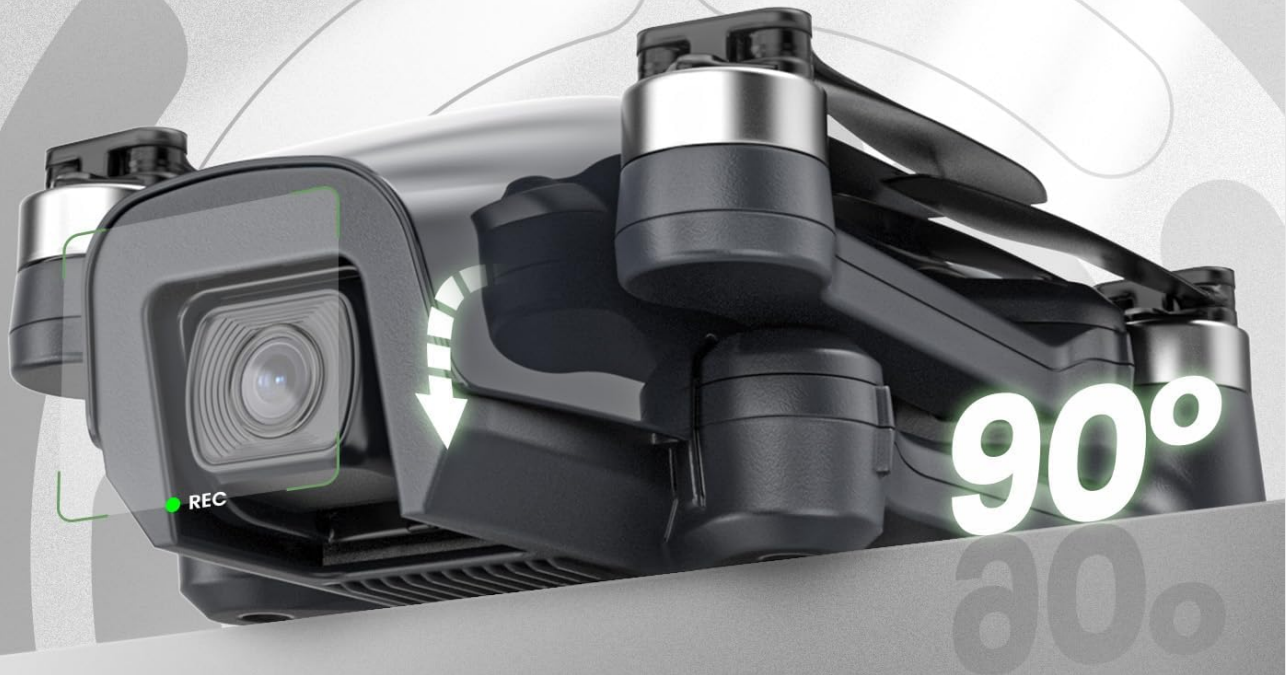
The intelligent transmitter with LCD screen for vital flight metrics.

3.3 Drone Assembly and Power On

The HS710 drone features a foldable design for portability. Follow these steps to prepare it for flight:

1. Unfold the drone arms. Ensure they click into place.
2. Insert the charged flight battery into the drone's battery compartment until it clicks securely.
3. Press and hold the power button on the drone until the indicator lights illuminate.
4. Place the drone on a flat, level surface.

Clearer Vision, Bigger Enjoyment



4K
Camera



120°
FOV Lens



90°
Adjustable

The Holy Stone HS710 drone in its unfolded, flight-ready configuration.

3.4 Calibration

Proper calibration is crucial for stable flight. Follow the instructions in the app or on the remote's display for compass calibration. This usually involves rotating the drone horizontally and vertically.

4. OPERATING THE DRONE

4.1 Basic Flight Controls

Familiarize yourself with the remote controller's joysticks and buttons for basic flight maneuvers:

- **Left Joystick:** Controls altitude (up/down) and rotation (left/right).

- **Right Joystick:** Controls forward/backward and left/right movement.
- **One Key Take Off/Landing:** Press to automatically take off or land the drone.
- **Emergency Stop:** Press in an emergency to immediately stop the drone's motors.



The HS710 drone demonstrating stable flight and hovering capabilities.

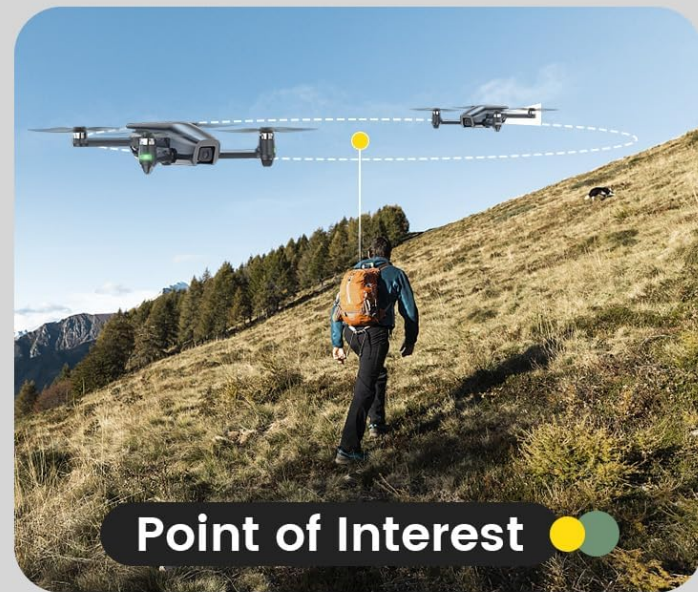
4.2 Intelligent Flight Modes

The HS710 offers several intelligent flight modes for enhanced user experience:

- **Follow Me:** The drone automatically tracks and follows the remote controller (and linked mobile device), capturing your movements.
- **Waypoint Flight:** Set a custom flight path on the map within the app, and the drone will automatically follow it.
- **Point of Interest:** Select a specific building or point, and the drone will continuously orbit it, capturing footage from various angles.
- **Smart Return to Home (RTH):** The drone will automatically return to its take-off point. This feature is activated by a

button press, low battery, or loss of signal.

Intelligent Features, Multiple Pleasure



Visual representation of the drone's intelligent flight modes.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Holy Stone HS710 drone:

- **Battery Care:** Always fully charge batteries before use. Store batteries in a cool, dry place away from direct sunlight. Do not overcharge or over-discharge.
- **Propeller Inspection:** Regularly check propellers for any signs of damage (cracks, bends). Replace damaged propellers immediately using the provided screwdriver and spare parts.
- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals or liquids.
- **Storage:** When not in use, fold the drone and store it along with the remote controller and accessories in the provided carrying case to protect it from dust and physical damage.

6. TROUBLESHOOTING

If you encounter issues with your Holy Stone HS710, refer to the following common troubleshooting tips:

- **Drone Not Connecting/Calibrating:**
 - Ensure both the drone and remote controller are fully charged and powered on.
 - Perform compass calibration as per the user manual or app instructions. Some users have reported needing multiple power cycles to achieve proper calibration.
 - Verify that your mobile device's Wi-Fi is connected to the drone's network.
- **Drone Drifting/Unstable Flight:**
 - Ensure proper GPS signal acquisition (indicated on the remote's display).
 - Recalibrate the compass.
 - Check for strong winds. While the brushless motors offer stability, extreme winds can still affect performance.
- **Short Battery Life:**
 - Ensure batteries are fully charged before each flight.
 - Flight time can vary based on flight conditions (wind, aggressive maneuvers) and camera usage.
- **Poor Camera Quality/Shakiness:**
 - Ensure the camera lens is clean.
 - Record directly to a high-speed micro SD card for best quality.
 - The HS710 does not have a 3-axis gimbal, so some shakiness is normal, especially in windy conditions. Post-processing software can help stabilize footage.
- **Return to Home (RTH) Inaccuracy:**
 - Ensure strong GPS signal before initiating RTH.
 - RTH accuracy can be affected by environmental factors and signal interference.

7. SPECIFICATIONS

Feature	Specification
Brand	Holy Stone
Model Name	US-HS710
Video Capture Resolution	4K (3840x2160P)
Connectivity Technology	Wi-Fi
Item Weight	240 Grams (0.53 lbs)
Battery Capacity	1820 Milliamp Hours
Maximum Range	1968 Feet (600m)
Flight Time	Up to 25 minutes per battery
Skill Level	Beginner

Product Dimensions	10.55"L x 11.85"W x 2.13"H (Unfolded)
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8. WARRANTY AND SUPPORT

Holy Stone provides dedicated after-sales support and resources to ensure a smooth experience with your drone.

- For detailed safety information, please refer to the [Safety Information PDF](#).
- A comprehensive User Manual is also available as a [PDF download](#).
- For additional support, guidance videos, and to explore other Holy Stone products, visit the [Holy Stone Store on Amazon](#).
- Holy Stone is committed to providing high-tech, affordable, and fun-to-fly drones, backed by dedicated customer service.

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Model: HS710 | ASIN: B08YMZX6DW