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Holy Stone HS360S

Holy Stone HS360S GPS Drone User Manual

Model: HS360S

1. Introduction

Welcome to the Holy Stone HS360S GPS Drone user manual. This guide provides detailed instructions for the safe operation, setup, maintenance, and troubleshooting of your new HS360S drone. Please read this manual thoroughly before operating the drone to ensure a safe and enjoyable flight experience.



Figure 1.1: Holy Stone HS360S GPS Drone and included components.

2. Safety Information

Your safety and the safety of others are paramount. Always follow these guidelines:

- **Pre-Flight Check:** Always ensure the drone and remote controller batteries are fully charged. Inspect propellers for damage.
- **Flight Environment:** Fly in open areas, away from people, buildings, and obstacles. Avoid flying over crowds.
- **Weather Conditions:** Do not fly in strong winds, rain, or fog.
- **Line of Sight:** Maintain visual line of sight with the drone at all times.
- **No FAA Registration Required:** The HS360S weighs less than 250g, meaning no FAA or Remote ID registration is required for recreational use in the United States.
- **Emergency Stop:** Familiarize yourself with the emergency stop function on the remote controller.

For detailed safety guidelines, please refer to the official Safety Information PDF provided by Holy Stone.

3. Package Contents

Verify that all items are present in your package:

- Holy Stone HS360S GPS 4K Drone
- 4K GPS Drone Battery
- Charging Cable
- Transmitter (Remote Controller)
- Connection Cable (Type C, USB, Lightning)
- Propellers (Spare Set)
- Screwdriver
- Instructions for Use (This Manual)

4. Product Overview

4.1 Drone Features

The Holy Stone HS360S is a lightweight, foldable GPS drone designed for ease of use and high-quality aerial photography. It features a 4K UHD camera and advanced flight capabilities.



Figure 4.1: The HS360S drone is ultra-lightweight, weighing less than 249g.

4.2 4K UHD Camera

Equipped with a 1/3" CMOS GalaxyCore Sensor, the 4K UHD camera captures stunning 3840x2160P photos and 4K videos. The 85° wide-angle camera can be adjusted within 90° via the remote control or the app, allowing for flexible shooting angles.



Figure 4.2: The 4K UHD camera offers remote adjustment for optimal shots.

4.3 Remote Controller

The enhanced remote controller allows for a stable connection and real-time image streaming. It supports direct smartphone connection via a data cable, eliminating the need for Wi-Fi for FPV transmission.

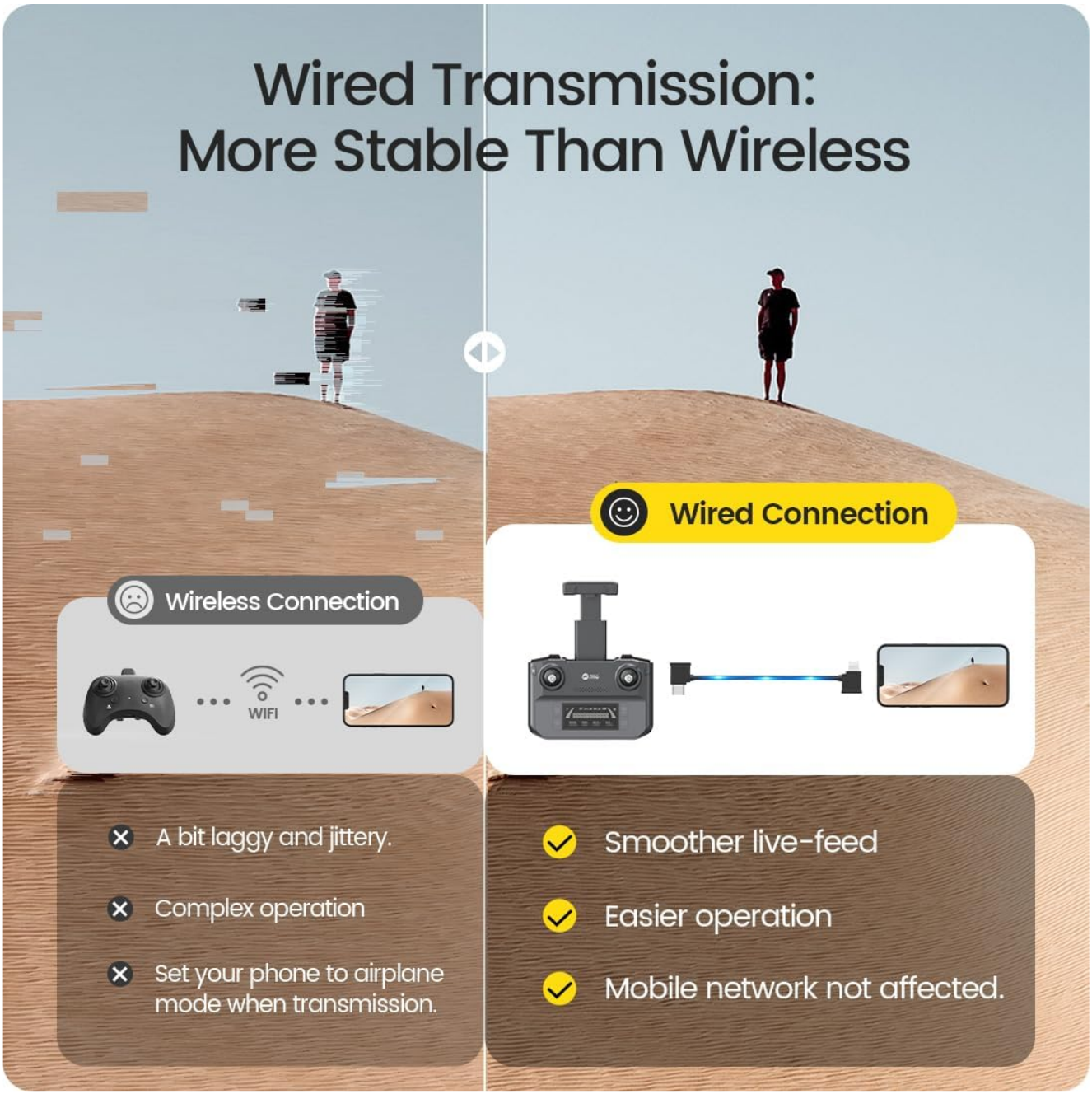


Figure 4.3: Wired transmission provides a smoother and more reliable live feed.

The APP Interface

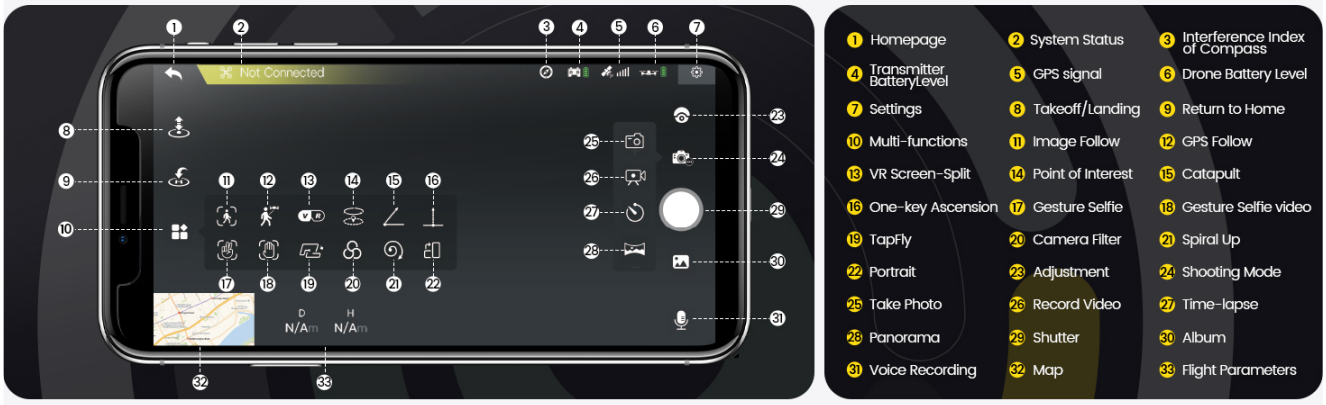


Figure 4.4: Functionality at a Glance: The Transmitter.



Figure 4.5: Functionality at a Glance: The LCD Screen.

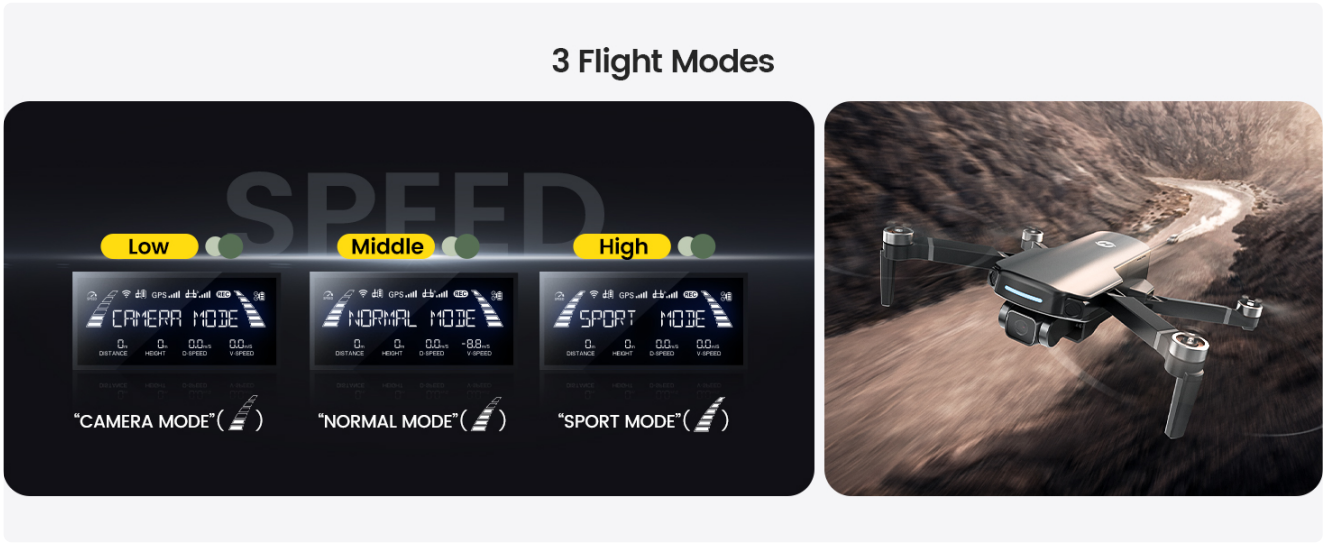


Figure 4.6: The APP Interface.

5. Setup

5.1 Battery Charging

Charge the drone battery using the provided charging cable. The modular battery supports approximately 20 minutes of flight time per charge. Ensure the battery is fully charged before each flight.

5.2 Propeller Installation

Attach the propellers according to the markings on the drone arms and propellers. Use the provided screwdriver to secure them firmly. Ensure correct propeller types (A and B) are installed on the corresponding motor arms.

5.3 Controller Pairing

Power on the drone and then the remote controller. The drone and controller will automatically attempt to pair. Refer to the LCD screen indicators for pairing status.

5.4 App Installation and Connection

Download the Holy Stone HS Fly App from your device's app store. Connect your smartphone to the remote

controller using one of the provided data cables (Type C, USB, or Lightning). This wired connection provides a stable real-time image transmission without relying on Wi-Fi.

6. Operating the Drone

6.1 Pre-Flight Checks

- Ensure drone and controller batteries are charged.
- Check propellers for damage and ensure they are securely attached.
- Confirm GPS signal strength on the controller's LCD screen or app.
- Choose an open, clear area for flight.

6.2 Take-off and Landing

Press the dedicated Takeoff/Landing button on the remote controller for automatic take-off or landing. Alternatively, you can manually control take-off by pushing the left joystick up after unlocking the motors.

6.3 Basic Flight Controls

Use the joysticks on the remote controller to maneuver the drone:

- **Left Joystick (Throttle/Yaw):** Push up/down to control altitude (ascend/descend). Push left/right to rotate the drone (yaw).
- **Right Joystick (Pitch/Roll):** Push up/down to move the drone forward/backward (pitch). Push left/right to move the drone left/right (roll).

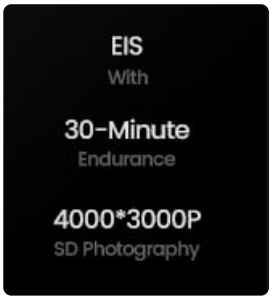


Figure 6.1: The HS360S offers three distinct flight modes for varying skill levels and flight experiences.

6.4 Intelligent Flight Modes

The HS360S offers several intelligent flight modes to enhance your flying and filming experience:

- **Follow Me:** The drone will automatically follow the remote controller, keeping you in the frame.
- **Waypoint Flight:** Plan a custom flight path by tapping points on the map in the app, and the drone will fly along the designated route.
- **Point of Interest:** Select a central point, and the drone will circle around it at a set radius and altitude, capturing cinematic footage.
- **Spiral Up:** The drone ascends in a spiral motion, capturing a wide, sweeping shot.
- **Catapult:** A dynamic flight mode for quick, exciting take-offs.
- **1-Tap Ascension:** Simplifies vertical take-off with a single tap.



Figure 6.2: Intelligent GPS Functions: Return to Home, Follow Me, and Image Follow.



Figure 6.3: Sky Cinema features: Spiral Up, One-key Ascension, Catapult, and Time-lapse.

6.5 Camera Operation

Use the dedicated buttons on the remote controller or the app interface to capture photos and record videos. The drone supports 4K video recording and high-resolution still images.

6.6 GPS Functions and Return-Home

The precise GPS positioning ensures stable flight and enables the Return-Home (RTH) function. The drone will automatically return to its take-off point if the battery runs low or the connection is lost. You can also initiate RTH manually.

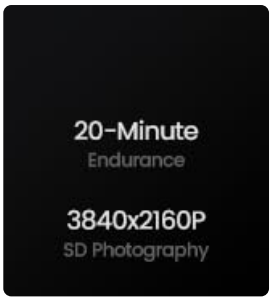


Figure 6.4: Triple Precision Stabilization: GPS/Glonass, Optical Flow, and Altitude Hold for stable flight.

7. Maintenance

7.1 Cleaning

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

7.2 Storage

When not in use, store the drone in a cool, dry place, away from direct sunlight and extreme temperatures. Fold the arms for compact storage in its carrying case.



Figure 7.1: The foldable design makes the HS360S highly portable.

7.3 Battery Care

To prolong battery life, do not overcharge or over-discharge the battery. Store batteries at approximately 50% charge if not used for extended periods. Avoid exposing batteries to extreme heat or cold.

8. Troubleshooting

If you encounter issues with your Holy Stone HS360S drone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drone does not power on	Low battery; Battery not properly inserted	Charge battery fully; Reinsert battery securely

Problem	Possible Cause	Solution
No image transmission to phone	Cable not connected; App not open; Phone settings	Ensure data cable is securely connected; Open HS Fly App; Check phone's USB connection settings
Drone drifts during flight	Insufficient GPS signal; Calibration needed; Wind interference	Fly in open area with strong GPS; Perform compass calibration; Avoid flying in strong winds
Return-Home (RTH) not accurate	Weak GPS signal at take-off point; Environmental interference	Ensure strong GPS signal before take-off; RTH accuracy can vary slightly

If you continue to experience issues, please contact Holy Stone customer support.

9. Specifications

Detailed technical specifications for the Holy Stone HS360S GPS Drone:

Feature	Specification
Brand	Holy Stone
Model Name	HS360S
Item Weight	249 Grams (8.8 ounces)
Product Dimensions	11.6"L x 8.4"W x 2.2"H
Video Capture Resolution	4K
Camera Sensor	1/3" CMOS GalaxyCore Sensor
Camera Adjustment	90° adjustable
Connectivity Technology	Wired (USB, Type C, Lightning) for FPV, WiFi Repeater
Maximum Control Range	Up to 10,000 Feet (3000 Meters)
Battery Capacity	Approx. 20 minutes flight time
Battery Type	Lithium Polymer
Skill Level	All
Material	Plastic
Color	Black

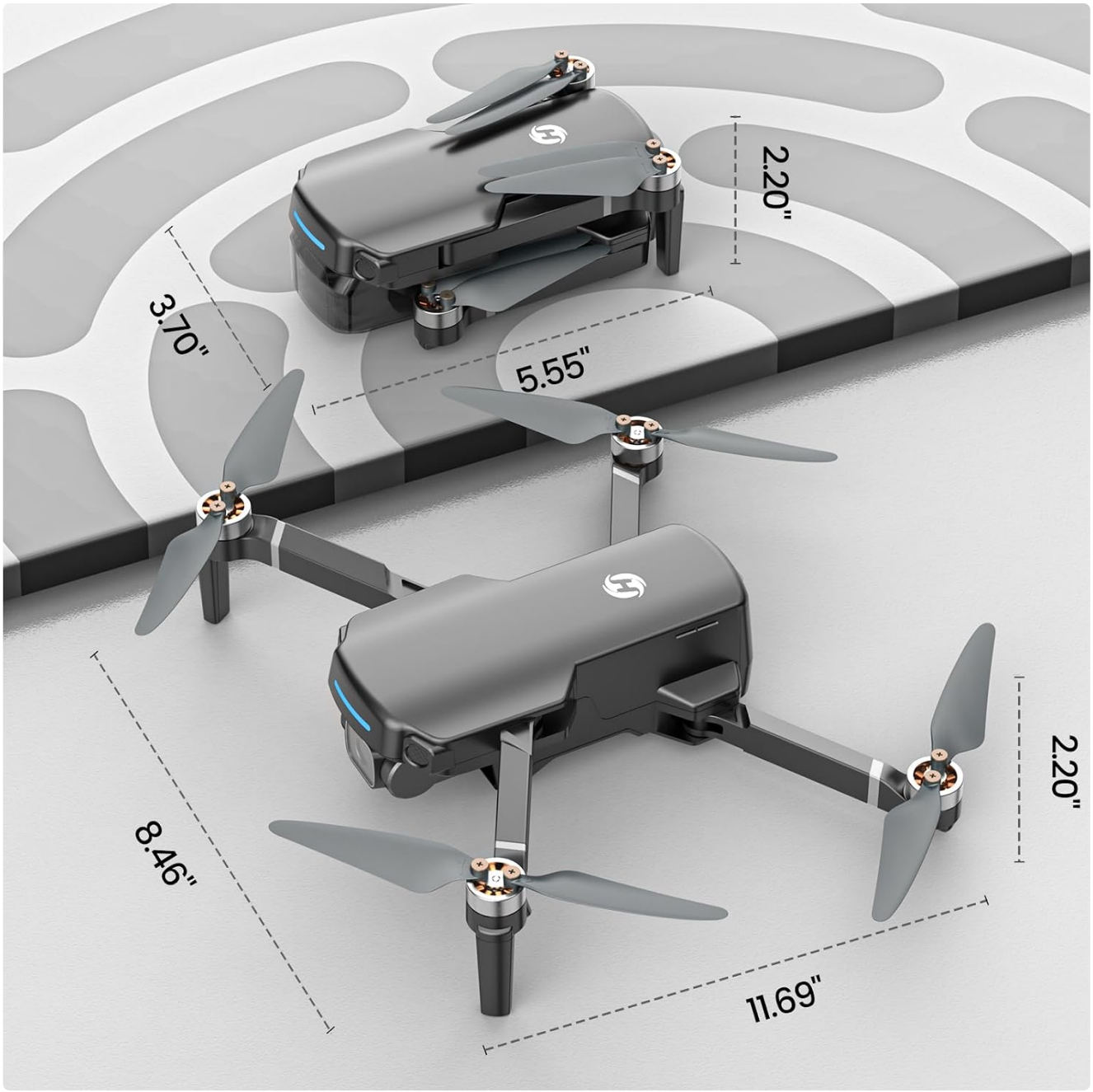


Figure 9.1: HS360S Drone Dimensions.

10. Warranty and Support

Holy Stone is committed to providing high-quality products and excellent customer service. Your Holy Stone HS360S drone comes with a standard warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Holy Stone website.

Holy Stone continuously upgrades the HS Fly App to improve flight experience and shooting quality. If you have any questions, concerns, or require technical assistance with your drone, Holy Stone support is always available to assist you.

Contact Information:

- **Online Support:** Scan the QR code in the app for Live Chat.
- **Phone Support:** +1 (833) 766-4733 (Monday to Sunday, 24H Available)

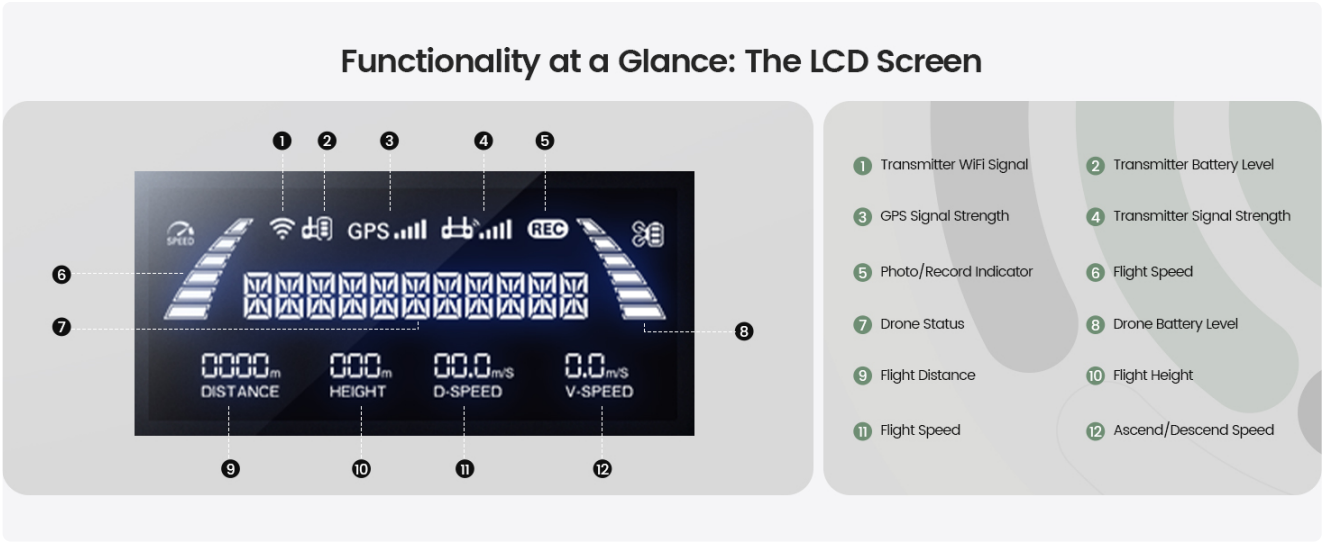


Figure 10.1: Holy Stone Customer Support.

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