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› UranHub G30 4K GPS Drone Instruction Manual

UranHub DR-UHG30G

UranHub G30 4K GPS Drone Instruction Manual

Model: DR-UHG30G | Brand: UranHub

1. INTRODUCTION

This manual provides essential instructions for the safe operation and maintenance of your UranHub G30 4K GPS Drone. Please read this manual thoroughly before operating the drone to ensure proper usage and to maximize your flying experience.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- UranHub G30 Drone
- Remote Control
- Battery (2000mAh)
- Charging Dock
- Spare Propellers A/B (4 sets)
- USB Charging Cable
- Screws
- Screwdriver
- User Manual (this document)
- Camera Cover
- Spare Control Sticks

Package List



Box



Drone



Camera Cover



Charging Dock



Battery



Remote



Spare Propellers A/B



Charging Cable



Screws



Screwdriver



User Manual

URANHUB

Image: All components included in the UranHub G30 Drone package.

3. SETUP

3.1. Download the App

To control your UranHub G30 drone and access its full features, download the "URANHUB DRONE" app. Scan the QR code on the drone packaging or search for "URANHUB DRONE" in your device's app store (available for iOS and Android).

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Video: Instructions on how to download the UranHub Drone app.

3.2. Drone Preparation

1. Remove the camera cover from the drone.
2. Unfold the drone arms carefully.
3. Insert the fully charged battery into the drone's battery compartment.

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Video: Demonstrates removing the camera cover, unfolding the drone, and inserting the battery.

3.3. Remote Controller Preparation

1. Remove the control sticks from their storage slots at the bottom of the remote controller and screw them into place.
2. Connect the USB charging cable to the remote controller's charging port to ensure it is fully charged. The LED screen will display "CHARGING" and then "CHARGE DONE" when complete.

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Video: Shows how to install control sticks and charge the remote controller.

3.4. Memory Card Installation

Insert a memory card into the drone's designated slot to ensure high-quality footage recording and sufficient storage space.

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Video: Demonstrates inserting a memory card into the drone.

4. LINKING AND PAIRING

1. Place the drone on a level surface. Press and hold the drone's power button for 3 seconds to turn it on. The rear LED indicator will flash red quickly, indicating it's ready to pair.
2. Press the power button on the remote controller once, then press and hold the same button for 3 seconds to turn it on. The remote controller will automatically pair with the drone. Once paired, the LED display will show "GPS Mode" and both the front and rear LED indicators will flash white slowly.
3. Extend the mobile device clamp on the remote controller and place your smartphone inside. Enable WLAN on your mobile device, connect to the "URANHUB G30" Wi-Fi network, and launch the "URANHUB DRONE" app.

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Video: Step-by-step guide for powering on, pairing the drone and remote, and connecting to the app.

5. FLIGHT PREPARATION (CALIBRATION)

5.1. Safety Precautions

Always ensure you are flying in an open, unobstructed environment with strong GPS signals. Avoid areas with limited space or potential interference.

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Video: Highlights important safety precautions and ideal flying environments.

5.2. Compass Calibration

Perform compass calibration before each flight for accurate positioning.

1. **Horizontal Calibration:** Simultaneously push the left control stick to the upper-right corner and the right control stick to the upper-left corner. Follow the app instructions, hold the drone horizontally with its head facing forward, then rotate it 360 degrees. You will hear a single beep from the remote controller, indicating horizontal calibration is complete.

2. **Vertical Calibration:** Hold the drone vertically with its head facing down and turn it 360 degrees. You will hear a single beep from the remote controller, indicating vertical calibration is complete.

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Video: Detailed steps for performing horizontal and vertical compass calibration.

5.3. Satellite Acquisition

After completing compass calibration, place the drone on a level surface and wait for it to acquire sufficient satellite signals. The app will display "Ready to Fly" once enough satellites are locked.

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Video: Shows the drone acquiring satellite signals and the app indicating "Ready to Fly."

5.4. Beginner Mode Settings

You can adjust flight parameters such as flight distance, altitude, and return altitude within the app's settings interface. For beginners, it is recommended to keep Beginner Mode enabled.

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Video: Demonstrates adjusting beginner mode settings in the app.

6. BASIC FLIGHT OPERATIONS

6.1. Manual Takeoff

To unlock the motors, simultaneously push the left control stick to the lower-right corner and the right control stick to the lower-left corner until the propellers start rotating. Then, push the left control stick forward to take off the drone.

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Video: Illustrates the manual takeoff procedure using the remote control sticks.

6.2. Auto Takeoff

Tap the One-Key Takeoff icon on the app, then slide to unlock and take off the drone. After takeoff, the icon will change to Landing.

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Video: Shows how to perform an automatic takeoff using the app interface.

6.3. Flight Orientation

After takeoff, the left control stick is used for adjusting the flight altitude. The right control stick allows the drone to move forward, backward, and to the left and right.

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Video: Explains how to control the drone's altitude and direction using the remote control sticks.

6.4. Manual Landing

To land the drone manually, push the left stick down and hold. The drone will descend and land on the ground, and the motors will stop.

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Video: Demonstrates the manual landing procedure for the drone.

7. TAKING PHOTOS AND VIDEOS

7.1. Shooting Modes and Parameters

Tap the shooting modes button on the right side of the camera view in the app to choose your desired shooting mode (e.g., Photo, Video, Time-lapse, Panoramic Shooting). You can also tap the Shooting Parameters menu to adjust camera settings like white balance, contrast, and saturation.

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Video: Shows how to select shooting modes and adjust camera parameters in the app.

7.2. Gimbal and Zoom Adjustment

Adjust the tilt of the gimbal using the gimbal dial on the right side of the remote controller. Use the dial on the left side of the remote controller to adjust the zoom.

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Video: Demonstrates adjusting the gimbal tilt and zoom using the remote controller dials.

7.3. Recording and Viewing Footage

Press the video button on the right side of the remote controller's screen to start recording and press again to stop. Tap the Album icon in the app to view and download your captured footage.

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Video: Shows how to start/stop video recording and access the album in the app.

8. INTELLIGENT FLIGHT MODES

The UranHub G30 offers several intelligent flight modes to enhance your experience:

- **GPS Follow Mode:** The drone intelligently tracks your movements, capturing dynamic footage hands-free.
- **Interest Point:** The drone can orbit a designated point of interest.
- **Route Rules (Waypoint Flight):** Plan a flight path by setting multiple waypoints on the map, and the drone will follow the route automatically.
- **Rocket Fly:** The drone ascends vertically while recording, creating a "rocket" effect.



Image: GPS Follow Mode in action.



Image: Drone executing an Interest Point flight.



Image: Drone following a pre-defined Route Rule.



Image: Drone performing a Rocket Fly maneuver.

8.1. Smart Return to Home (RTH)

During flight, press the RTH button on the left side of the screen to initiate Smart RTH. The remote controller will start beeping, and the drone will automatically return to the last recorded Home Point.

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Video: Demonstrates initiating Smart Return to Home (RTH) and the drone's automatic return.

9. MAINTENANCE

9.1. Battery Care

Always ensure the battery is fully charged before flight. Avoid overcharging or completely draining the battery. Store batteries in a cool, dry place.

9.2. Propeller Replacement

Inspect propellers for any damage before each flight. Replace damaged propellers immediately using the provided spare propellers and screwdriver.



Image: Spare propellers for the UranHub G30 Drone.

9.3. Storage

When not in use, power off the drone and remote controller. Fold the drone arms, attach the camera cover, and remove the control sticks from the remote controller, storing them in their designated slots.

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Video: Demonstrates powering off the drone and remote, folding the arms, attaching the camera cover, and storing control sticks.

10. TROUBLESHOOTING

If you encounter any issues with your UranHub G30 drone, please refer to the following common troubleshooting tips:

- **Drone not powering on:** Ensure the battery is fully charged and correctly inserted. Press and hold the power button for 3 seconds.
- **Remote controller not pairing:** Ensure both the drone and remote controller are powered on correctly. Re-attempt the pairing process as described in Section 4.
- **GPS signal weak or unavailable:** Move to an open outdoor area away from tall buildings or strong magnetic interference. Perform compass calibration again.
- **Unstable flight:** Check for damaged propellers and replace if necessary. Ensure compass calibration is

performed correctly. Fly in calm weather conditions.

- **App connection issues:** Ensure your mobile device's WLAN is enabled and connected to the drone's Wi-Fi network. Restart the app and try again.

For further assistance, please contact UranHub customer support.

11. SPECIFICATIONS

Feature	Specification
Brand	UranHub
Model Name	DR-UHG30G
Item Weight	249 Grams
Video Capture Resolution	4K
Effective Still Resolution	12 MP
Connectivity Technology	Wi-Fi
Battery Capacity	2000mAh (approx. 31-minute flight time)
Motor Type	Brushless Motors
Special Features	Auto Follow, Auto Return, Extended Flight Time, Integrated GPS, Optical Flow Positioning, Beginner Mode
Material	ABS
Item Dimensions (L x W x H)	5.51"L x 3.34"W x 2.22"H (Folded)

12. WARRANTY AND SUPPORT

Your UranHub G30 drone comes with a standard manufacturer's warranty. For detailed warranty information, product support, or service inquiries, please visit the official UranHub website or contact their customer service team. Keep your purchase receipt as proof of purchase.

UranHub is committed to providing excellent customer support, including one-on-one assistance, quick start guides, and tutorial videos.

Excellent Customer Support



One-On-One Customer Support



Quick Start Guide



Tutorial Video



Image: UranHub customer support services.