

HOVERAir Hover X1



HOVERAir X1 Self-Flying Camera Drone User Manual

Model: Hover X1

1. INTRODUCTION

Welcome to the HOVERAir X1 Self-Flying Camera Drone user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your HOVERAir X1 drone. Please read this manual thoroughly before using the device to ensure safe and optimal performance.

The HOVERAir X1 is a lightweight, foldable, and intelligent self-flying camera designed for effortless content creation. Its advanced features, including intelligent flight paths and hands-free control, make it an ideal companion for capturing your adventures.



Figure 1.1: The HOVERAir X1 Self-Flying Camera Drone in its unfolded state, ready for flight.

2. WHAT'S IN THE BOX

Upon unboxing your HOVERAir X1, please verify that all components listed below are present and in good condition.

- HOVERAir X1 Self-Flying Camera (with pre-installed battery)
- Battery Charging Hub
- Additional Battery
- USB Cable
- Storage Bag
- User Manual (this document)

Explore More with Smart APP

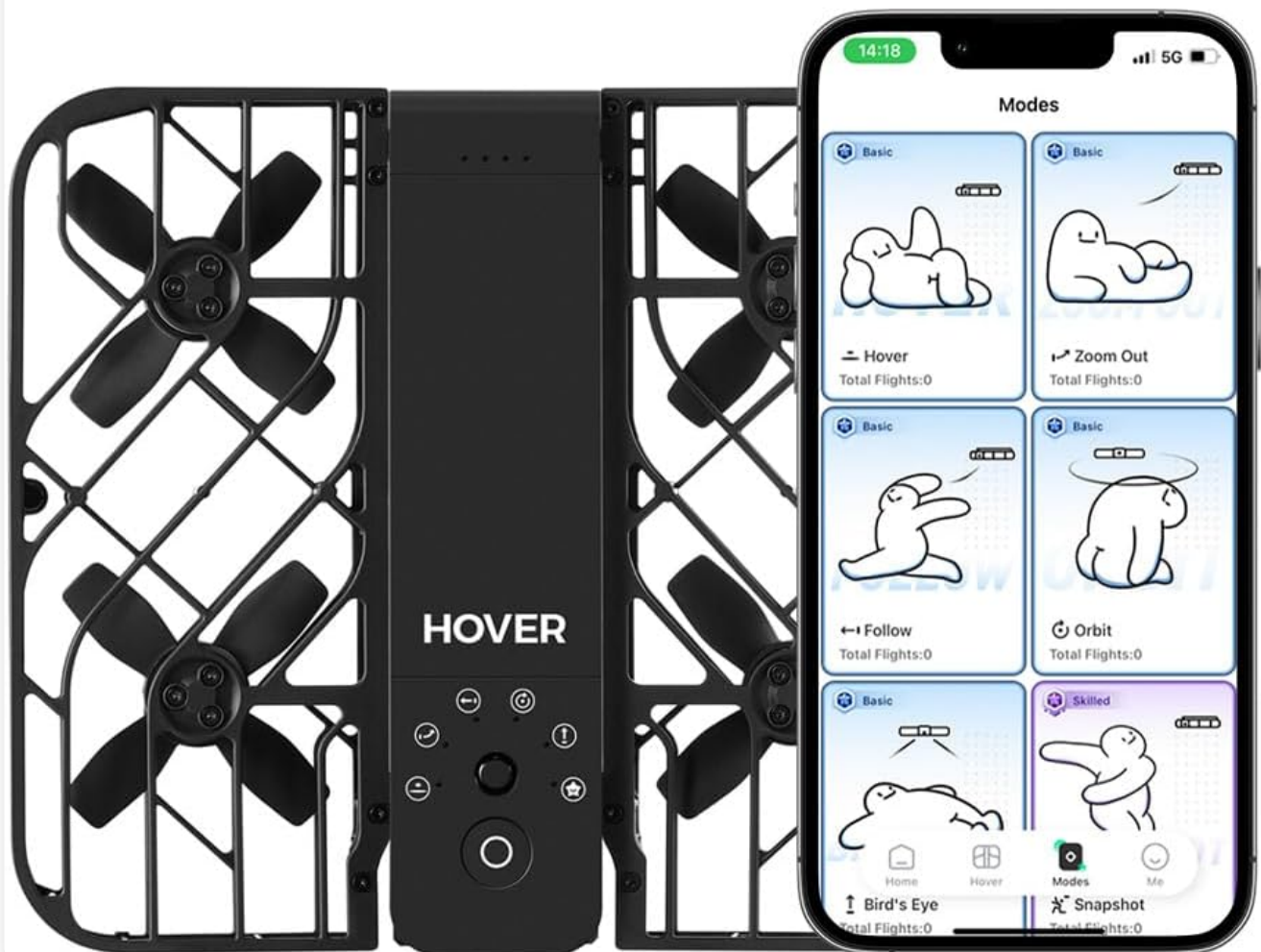


Figure 2.1: All components included in the HOVERAir X1 package.

3. PRODUCT OVERVIEW

The HOVERAir X1 is engineered for portability and ease of use, featuring a compact, foldable design and robust safety features.

3.1. Design and Portability

Weighing only 125g (4.41oz), the HOVERAir X1 is lighter than most smartphones, making it exceptionally portable. Its foldable structure allows it to be easily stored and carried, fitting into small bags or even pockets. This design eliminates the need for FAA registration in many regions.

9+ Intelligent Flight Modes

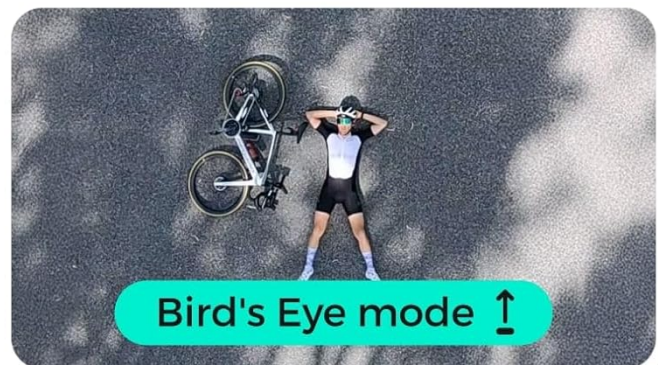


Figure 3.1: The HOVERAir X1's ultra-lightweight and foldable design for easy transport.

3.2. Safety Features

The drone features a fully enclosed design with safety guards around its propellers, providing an additional layer of protection for both the device and its surroundings. This design ensures safe operation, even during close-range interactions.

Face AE Technology

Making Photos Look More Natural

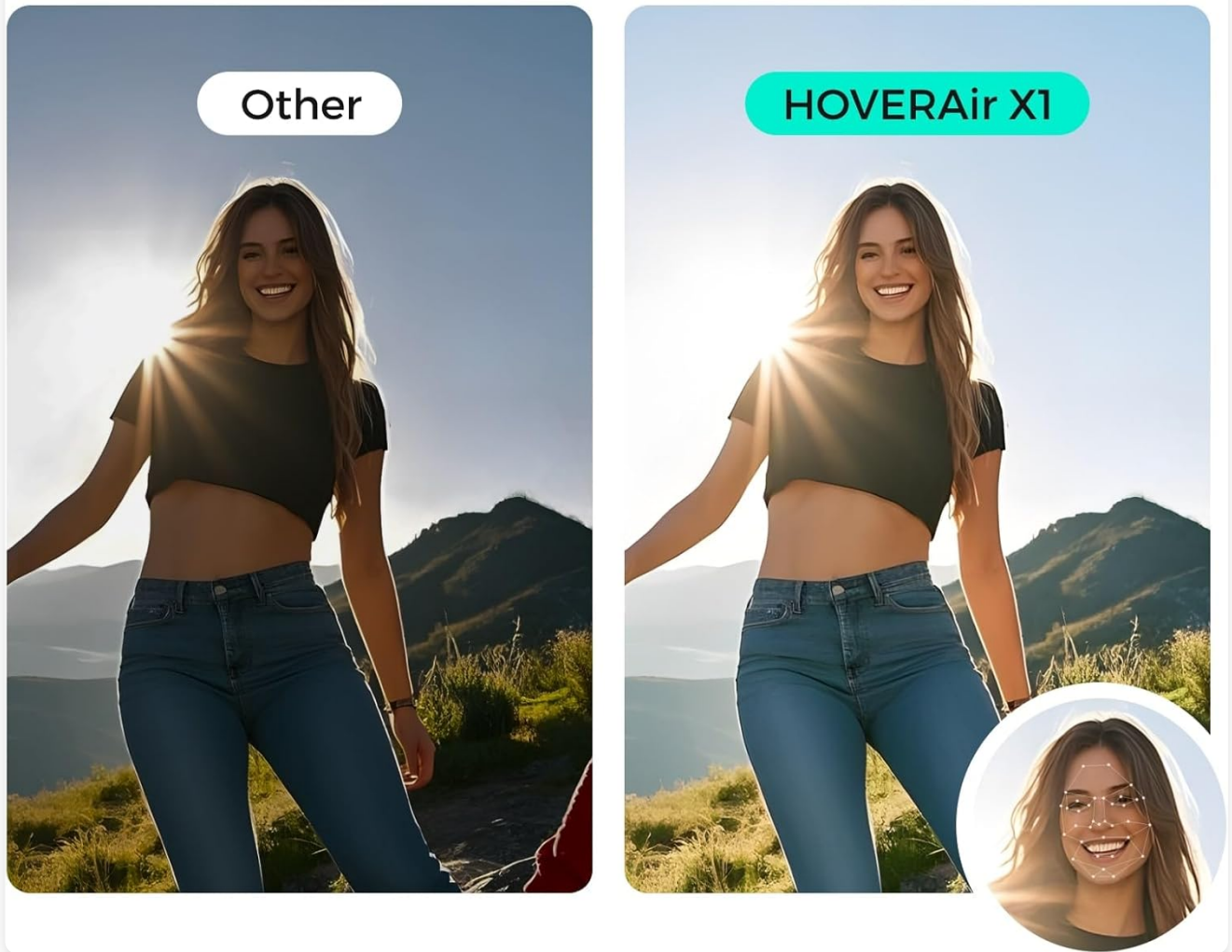


Figure 3.2: The HOVERAir X1's enclosed design and durable material for enhanced safety.

3.3. Camera and Stabilization

The HOVERAir X1 supports a maximum of 2.7K@30fps and 1080P HDR video shooting. It incorporates a triple stabilization system to ensure smooth video effects and excellent fast motion capture, ideal for dynamic activities.



What's in the Box



HOVERAir X1
Self-Flying Camera (with battery)*1



Battery Charging
Hub *1



Battery *1



USB Cable *1



Storage Bag *1



User Manual*1

Figure 3.3: Visual comparison demonstrating the effectiveness of Triple Stabilization for smooth video.

Additionally, the drone features Face AE Technology, which optimizes exposure and color balance to make photos of subjects appear more natural and vibrant.



Figure 3.4: Before and after comparison illustrating the benefits of Face AE Technology for natural-looking photos.

4. SETUP

Follow these steps to prepare your HOVERAir X1 for its first flight.

4.1. Charging the Battery

1. Connect the USB cable to the Battery Charging Hub.
2. Plug the other end of the USB cable into a compatible USB power adapter (not included).
3. Insert the drone batteries into the charging hub. The indicator lights on the hub will show the charging status.
4. Once fully charged, disconnect the batteries and the charging hub.

4.2. Initial Power On

1. Unfold the HOVERAir X1 drone until it clicks into place.

2. Press and hold the power button on the drone until the indicator lights illuminate.



Figure 4.1: Visual guide for turning on the HOVERAir X1 and selecting a flight mode.

5. OPERATING INSTRUCTIONS

The HOVERAir X1 offers various intelligent flight modes and intuitive controls for a seamless flying experience.

5.1. Palm Takeoff

The HOVERAir X1 is designed for easy palm takeoff. Once powered on and a flight mode is selected, simply hold the drone flat in your palm, and it will automatically take off.

5.2. Intelligent Flight Modes

The drone comes pre-programmed with several intelligent flight paths, allowing for hands-free content capture.

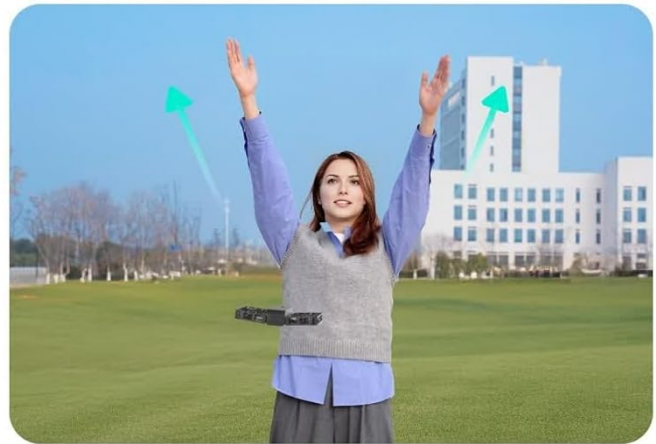
- **Hover Mode:** The drone hovers stably in place, ideal for static shots.

- **Follow Mode:** The drone tracks your movement, keeping you in the frame. It can follow at speeds up to 15 mph.
- **Zoom Out Mode:** The drone flies backward and upward, revealing the surrounding environment.
- **Orbit Mode:** The drone circles around a designated subject.
- **Bird's Eye Mode:** The drone ascends to capture a top-down view.
- **Manual Control:** Allows for direct control via the HOVER X1 App for precise flight adjustments.

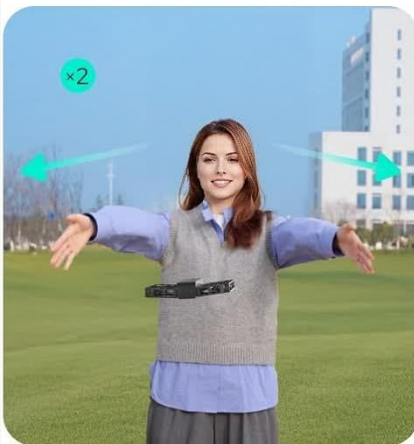
Multiple Gesture Controls



Gesture for Landing
Cross your hands above your head.



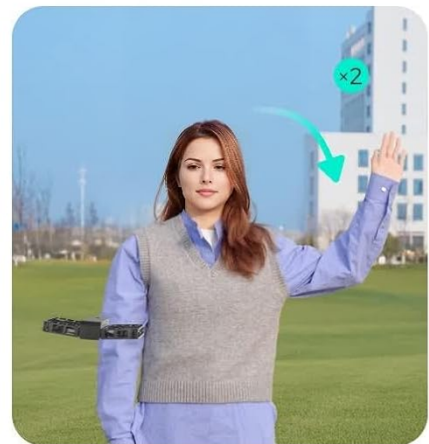
Gesture for Birds' Eye
Raise both your hands.



Gesture for Zoom out
Wave both your hands twice.



Gesture for Orbit-R
Wave your hand twice.



Gesture for Orbit-L
Wave your hand twice.

Figure 5.1: Illustrations of the various intelligent flight modes available with the HOVERAir X1.

5.3. Gesture Controls

The HOVERAir X1 supports intuitive gesture controls for certain flight actions.

- **Gesture for Landing:** Cross your hands above your head.
- **Gesture for Bird's Eye:** Raise both your hands.
- **Gesture for Zoom Out:** Wave both your hands twice.
- **Gesture for Orbit-R (Right):** Wave your hand twice to the right.
- **Gesture for Orbit-L (Left):** Wave your hand twice to the left.

Beginner Friendly

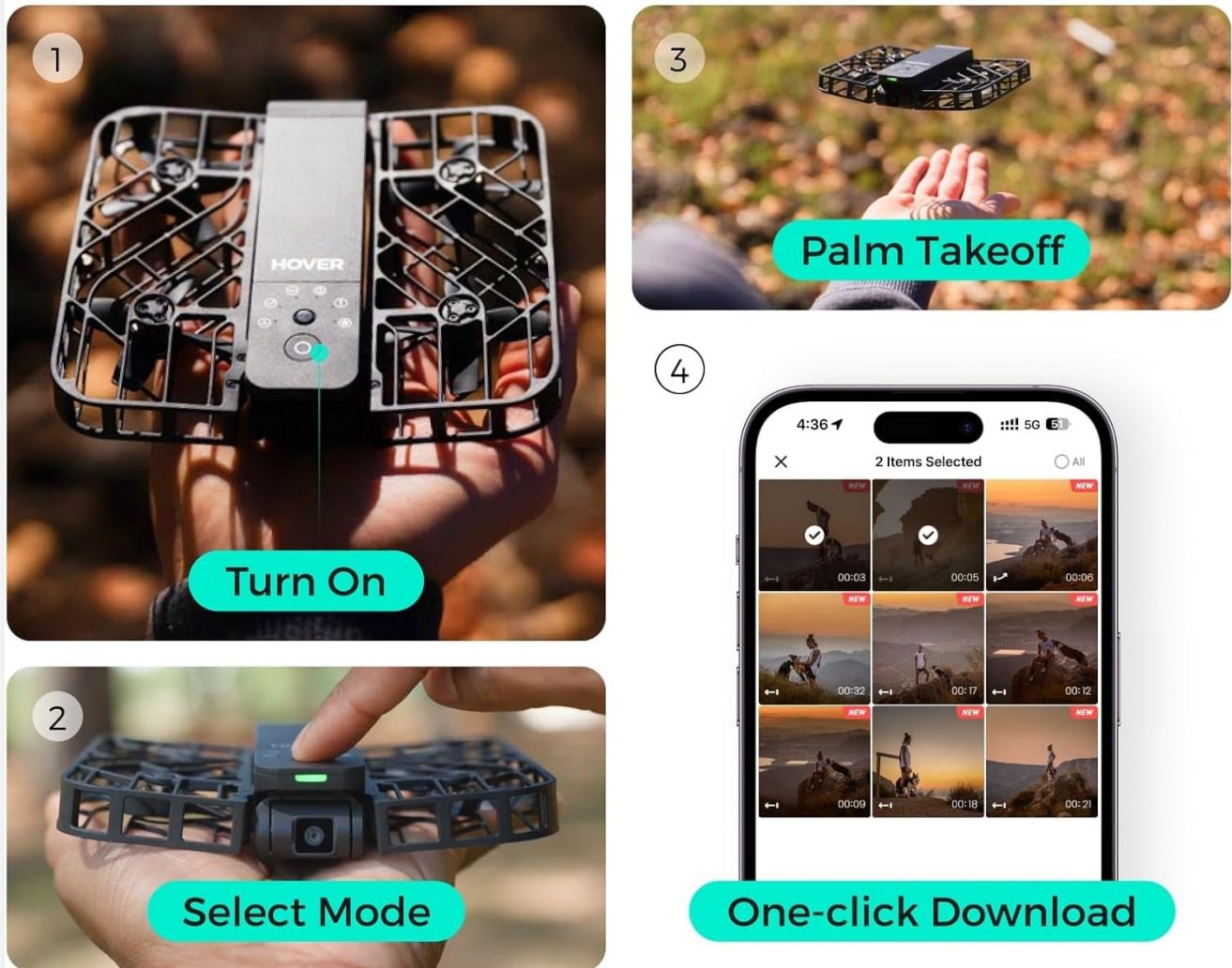


Figure 5.2: Visual guide to performing various gesture controls for the HOVERAir X1.

6. APP FEATURES (HOVER X1 App)

The HOVER X1 App enhances your drone experience with real-time monitoring and content management.

- **Live Monitoring:** View real-time camera feed from the drone on your mobile device.
- **Manual Control:** Take direct control of the drone's flight paths and camera angles.
- **One-click Download:** Easily download photos and videos from the drone's internal 32GB storage to your phone.
- **Instant Sharing:** Share your captured moments directly to social media platforms.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your HOVERAir X1.

- **Cleaning:** Gently wipe the drone's body and propellers with a soft, dry cloth. Avoid using liquid cleaners directly on the drone.
- **Propeller Inspection:** Regularly check propellers for any signs of damage (cracks, bends). Replace damaged propellers immediately.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or fully discharge batteries. If storing for extended periods, charge them to approximately 50-60%.
- **Firmware Updates:** Periodically check the HOVER X1 App for available firmware updates to ensure optimal performance and access to new features.

8. TROUBLESHOOTING

If you encounter issues with your HOVERAir X1, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Drone does not power on	Low battery; Incorrect power button press	Charge the battery fully; Press and hold the power button for 2-3 seconds.
Drone unstable during flight	Propeller damage; Strong winds; Calibration needed	Inspect and replace damaged propellers; Fly in calm conditions; Perform IMU calibration via the app.
Cannot connect to HOVER X1 App	Bluetooth/Wi-Fi off; App not updated; Drone not in pairing mode	Ensure Bluetooth/Wi-Fi is enabled on your device; Update the app to the latest version; Restart drone and app.
Poor image/video quality	Dirty camera lens; Insufficient lighting; Drone vibration	Clean the camera lens; Fly in well-lit conditions; Check for propeller damage or loose parts.
Drone not responding to gestures	Incorrect gesture; Insufficient lighting; Drone too far	Ensure gestures are performed correctly and clearly; Fly in good lighting; Maintain close proximity to the drone.

If the problem persists, please contact HOVERAir customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Brand	HOVERAir
Model Name	Hover X1
Item Weight	125 Grams

Feature	Detail
Dimensions (L x W x H)	10.63"L x 6.69"W x 1.97"H (unfolded)
Video Capture Resolution	2.7K@30fps, 1080P HDR
Video Output Resolution	1920x1080 Pixels
Supported Image Format	JPEG, PNG
Connectivity Technology	Wi-Fi, Bluetooth
Control Type	App Control
Battery Capacity	2100 Milliamp Hours (approx. 11 minutes flight per battery)
Internal Storage	32GB
Maximum Follow Speed	15 mph
Skill Level	Beginner to Intermediate
Material	Nylon, Plastic

10. SAFETY GUIDELINES

Adhere to these safety guidelines to ensure a safe and enjoyable experience with your HOVERAir X1.

- **Pre-Flight Check:** Always inspect the drone for any damage, especially propellers, before each flight.
- **Environmental Awareness:** Fly in open areas, away from people, animals, buildings, and obstacles. Avoid flying in strong winds, rain, or snow.
- **Battery Safety:** Use only original HOVERAir batteries and charging equipment. Do not puncture, disassemble, or expose batteries to extreme temperatures.
- **Respect Privacy:** Be mindful of privacy laws and personal space when capturing photos or videos.
- **Age Recommendation:** This product is recommended for adult use.
- **Emergency Landing:** In case of an emergency, ensure the drone lands in a clear area to prevent injury or damage.
- **No FAA Registration Required:** Due to its lightweight design (under 250g), the HOVERAir X1 is exempt from FAA registration requirements in the United States. However, always check local regulations.

11. WARRANTY AND SUPPORT

The HOVERAir X1 comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or any other questions, please visit the official HOVERAir website or





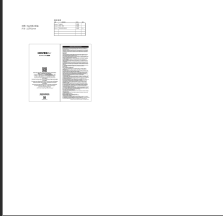

contact their customer service team through the contact information provided on their website or your purchase platform.

Manufacturer: Shenzhen Zero Zero Infinity Technology Co.,Ltd.

UPC: 198168847985

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Related Documents - Hover X1

	<p>Hover X1 App User Manual and Instructions HOVERAir Drone</p> <p>Download and use the Hover X1 App with your HOVERAir drone. This guide covers connecting, controlling, downloading footage, updating firmware, and managing your account.</p>
	<p>HOVERAir Hover X1 Drone: Quick Start Guide</p> <p>Get started quickly with the HOVERAir Hover X1 drone. This guide covers setup, flight basics, safety, and specifications for your aerial photography needs.</p>
	<p>HOVERAir X1 PRO/PROMAX: Safety Instructions and Disclaimer</p> <p>Comprehensive guide to safely operating the HOVERAir X1 PRO and X1 PROMAX flying cameras, covering flight regulations, maintenance, and essential safety precautions.</p>
	<p>HOVERAir X1 PRO/PROMAX: Disclaimer and Safety Instructions</p> <p>Essential safety guidelines, operating procedures, and flight regulations for HOVERAir X1 PRO and X1 PROMAX flying cameras, including maintenance and battery care.</p>
	<p>HOVERAir X1 Pro/Pro Max Drone Battery Safety and Charging Guide</p> <p>Essential safety instructions, charging guidelines, and storage recommendations for HOVERAir X1 Pro and X1 Pro Max drone batteries. Learn how to safely use and maintain your drone battery from Zero Zero Infinity Technology.</p>
	<p>HOVERAir X1 PRO/PROMAX Battery Safety Instructions</p> <p>Comprehensive safety guidelines for the HOVERAir X1 PRO and X1 PROMAX drone batteries, covering warnings, charging precautions, inspection, storage, and transportation.</p>

