

HOVERAir X1

HOVERAir X1 Self-Flying Camera Drone User Manual

Model: X1 | Brand: HOVERAir

1. INTRODUCTION

The HOVERAir X1 is a compact, self-flying camera drone designed for ease of use and capturing dynamic aerial footage. Its intelligent flight paths and hands-free operation make it suitable for various activities, from sports to casual recording. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HOVERAir X1 drone.



Image: The HOVERAir X1 drone, a compact and foldable self-flying camera, shown in an aerial perspective.

2. WHAT'S IN THE BOX

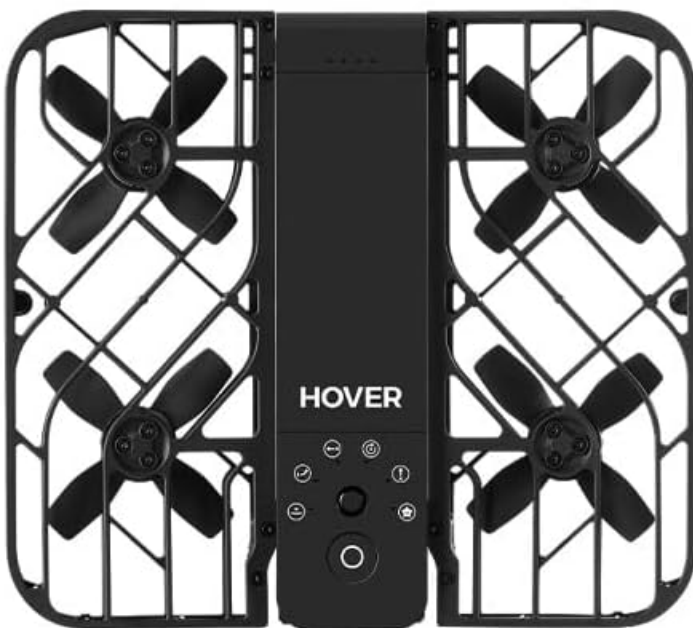
Upon unboxing your HOVERAir X1, please verify that all components are present:

- HOVERAir X1 Self-Flying Camera (with battery) x1
- Storage Bag x1

- USB Cable x1
- User Manual x1

What's in the Box

standard



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



User Manual *1



Storage Bag *1



USB Cable *1

Image: A visual representation of the HOVERAir X1 package contents, showing the drone, storage bag, USB cable, and user manual.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the HOVERAir X1 battery using the provided USB cable. Connect the USB cable to the drone and a compatible USB power adapter (not included). The charging indicator light will provide status updates.

3.2 App Download and Connection

Download the Hover X1 App from your device's app store. This app is essential for controlling the drone, accessing flight modes, and managing captured content. Follow the in-app instructions to connect your drone via Wi-Fi.



Image: A smartphone displaying the Hover X1 application icon, indicating where to download the control app.

3.3 Pre-Flight Checklist

- Ensure the drone battery is fully charged.
- Check that the propellers are free from obstructions and damage.
- Confirm sufficient internal storage (32GB built-in).
- Perform flights in open, clear areas, away from obstacles, water, and strong winds.

4. OPERATING INSTRUCTIONS

4.1 Palm Takeoff

The HOVERAir X1 is designed for easy palm takeoff. With one click, the drone can launch directly from your open palm, making it user-friendly for all skill levels.

3-Second Palm Takeoff



4.2 Intelligent Flight Paths

The drone features several pre-programmed flight paths for hands-free operation:

- **Hover:** Maintains a stationary position.
- **Follow:** Tracks the user at speeds up to 15 mph.
- **Zoom Out:** Flies backward and upward to capture a wider scene.
- **Orbit:** Circles around a designated subject.
- **Bird's Eye:** Captures footage from directly above.
- **Dolly Track:** Moves backward while keeping the subject in frame.
- **Manual Control:** Allows for direct control via the Hover X1 App.

Multiple Intelligent Flight Paths



Hover



Zoom Out



Follow



Orbit



Bird's Eye



Manual Control



Snapshot



Dolly Track

Image: An illustration detailing the multiple intelligent flight paths of the HOVERAir X1, such as Hover, Follow, Zoom Out, Orbit, Bird's Eye, Manual Control, Snapshot, and Dolly Track.

4.3 Intelligent Auto-Track (Follow Me Mode)

The HOVERAir X1 utilizes advanced tracking algorithms to follow you seamlessly. This mode is ideal for capturing dynamic footage during activities like cycling or skateboarding, ensuring you remain the focus of the video.

Intelligent Auto-Track

Smart Human Following



Smart Human
Recognition



Follow Mode

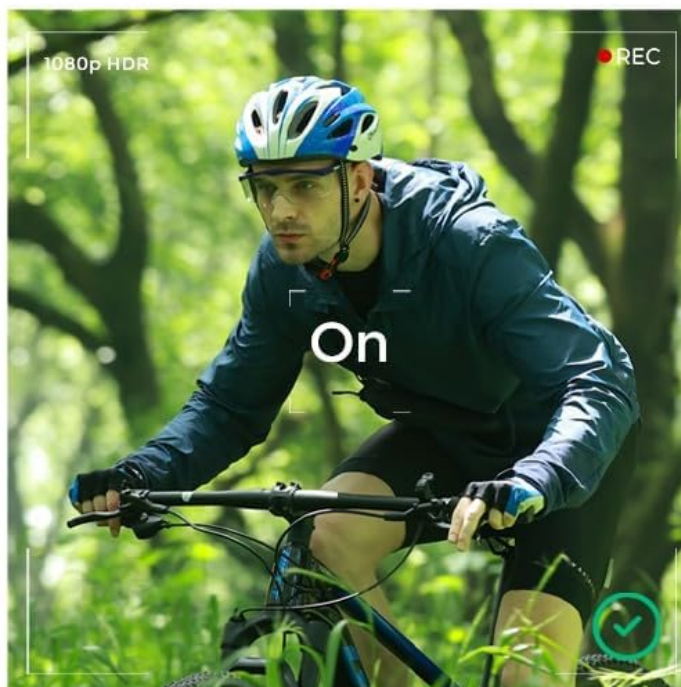
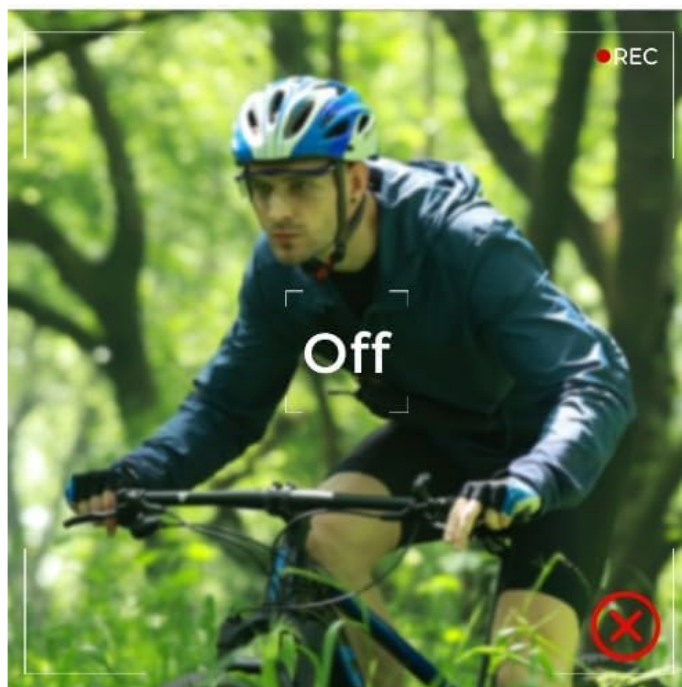
Up To 15 Mph Following Speed

Image: The HOVERAir X1 drone actively tracking a skateboarder, illustrating its intelligent auto-track and follow-me capabilities.

4.4 Image and Video Capture

The drone supports 2.7K@30fps and 1080P HDR video shooting. A triple stabilization system (Gimbal Horizon Levelling, EIS Electronic Image Stabilization, Level-4 Wind Resistance) ensures smooth and stable footage.

Triple Stabilization, Keep Your Shot Steady



Gimbal
Horizon Levelling



EIS Electronic
Image Stabilization



Level-4
Wind Resistance

Image: A visual comparison demonstrating the effectiveness of the HOVERAir X1's triple stabilization system, showing a clear and steady shot versus an unstabilized one.

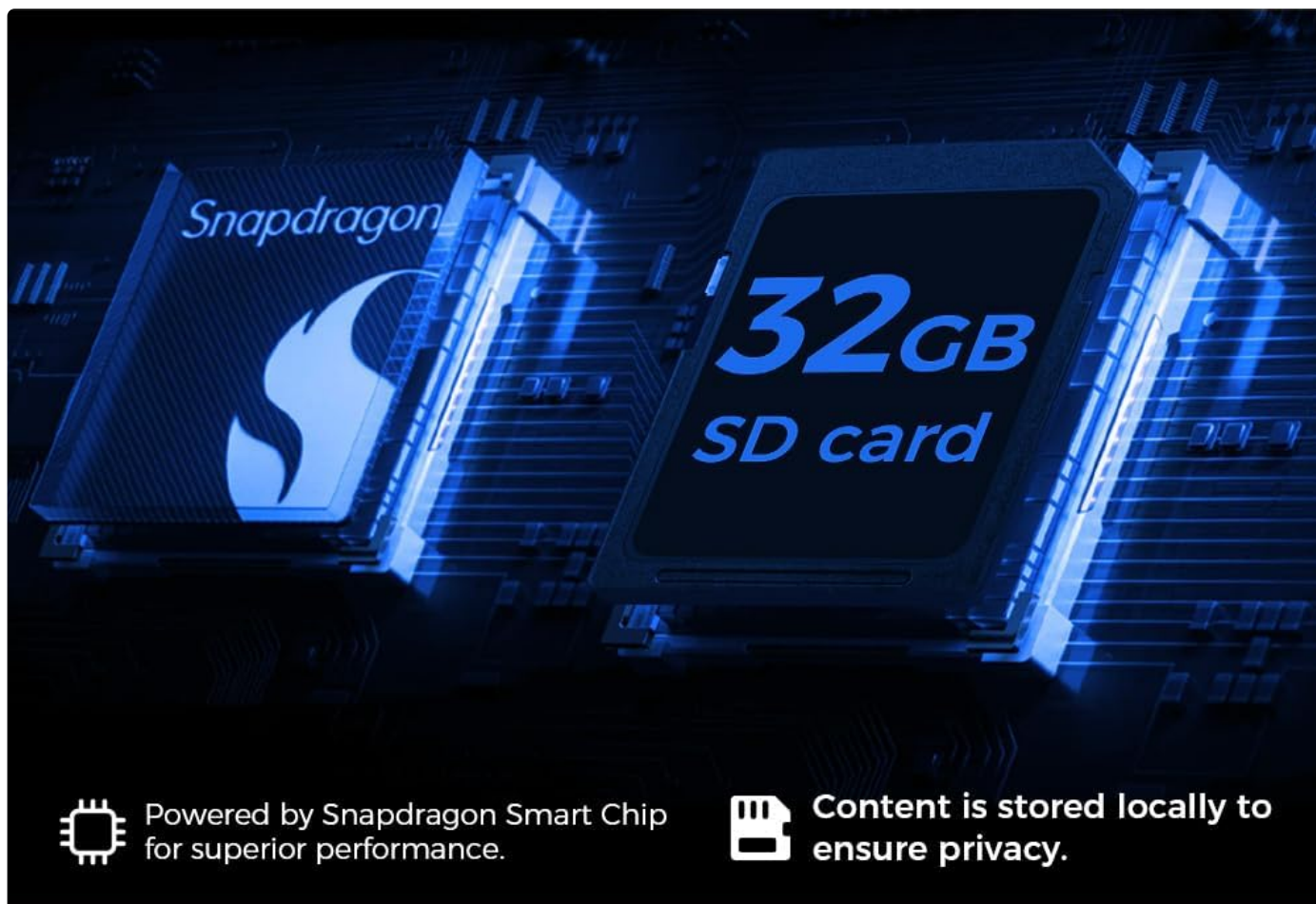
4.5 Live Monitoring and Manual Control

Use the Hover X1 App for real-time previews of the drone's camera feed. The app also allows for manual control, enabling precise adjustments to flight paths for optimal shot composition.

5. CONTENT MANAGEMENT

The HOVERAir X1 features 32GB of internal storage. You can download your photos and videos using two methods:

- **Method 1:** Connect your phone to the HOVERAir X1's internal Wi-Fi network and download content directly via the Hover X1 app.
- **Method 2:** Connect the HOVERAir X1 to your computer using a Type-C USB cable to download all files simultaneously.



Powered by Snapdragon Smart Chip
for superior performance.



Content is stored locally to
ensure privacy.

Instructions for Downloading Content from the HOVERAir X1



Method 1:

Connect your phone to the HOVERAir X1 internal Wi-Fi network to download content via the Hover X1 app.

Method 2:

Use a Type-C USB cable to connect the HOVERAir X1 to your computer and download all files at once.

6. MAINTENANCE

6.1 Cleaning

- Gently wipe the drone's body with a soft, dry cloth.
- Ensure propellers are free of dust and debris.
- Do not use liquid cleaners or immerse the drone in water.

6.2 Battery Care

- Store batteries in a cool, dry place.
- Avoid overcharging or completely draining the battery.
- If storing for extended periods, charge the battery to approximately 50-60%.

6.3 Storage

When not in use, fold the drone and store it in its provided storage bag to protect it from dust and physical damage.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Drone does not power on.	Low or depleted battery.	Charge the battery fully.
Unstable flight or drift.	Propeller damage or obstruction; strong wind conditions.	Inspect propellers for damage and replace if necessary. Fly in calmer conditions.
Cannot connect to Hover X1 App.	Wi-Fi not enabled on phone; drone not in pairing mode; app outdated.	Ensure phone Wi-Fi is on and connected to the drone's network. Restart drone and app. Update app to the latest version.
Poor video quality.	Low light conditions; camera lens obstruction; drone vibration.	Ensure adequate lighting. Clean camera lens. Check for propeller damage.
Drone loses tracking in Follow Me mode.	Subject moving too fast (over 15 mph); obstacles blocking line of sight.	Maintain a speed within the drone's tracking capabilities. Ensure clear line of sight between drone and subject.

8. SPECIFICATIONS

Feature	Detail
Model Name	X1
Brand	HOVERAir
Item Weight	125 Grams (4.4 ounces)

Feature	Detail
Dimensions (Folded)	Approximately 10.63"L x 6.69"W x 1.97"H (when unfolded, the product dimensions are given, but the folded state is implied by 'foldable')
Video Capture Resolution	2.7K@30fps, 1080P HDR
Video Output Resolution	1920x1080 Pixels
Video Capture Format	MP4
Supported Image Format	JPEG
Connectivity Technology	Wi-Fi, Bluetooth
Battery Capacity	1050 Milliamp Hours (Lithium Polymer)
Special Features	Enclosed & Foldable Frame, Intelligent Flight Paths, Triple Stabilization, Visual Inertial Odometry Technology
Internal Storage	32GB

9. SAFETY GUIDELINES





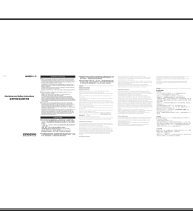

- Always operate the drone in open areas, away from people, animals, and obstacles.
- Do not fly over water or glass surfaces, as this can interfere with positioning systems.
- Avoid flying in strong winds (above Level 4 wind resistance) or adverse weather conditions (rain, snow).
- The fully enclosed design with safety guards provides protection, but always exercise caution during operation.
- Keep hands and loose clothing away from propellers when the drone is powered on.
- The drone is lightweight (125g) and exempt from FAA registration requirements in many regions, but always check local regulations.

10. WARRANTY AND SUPPORT

HOVERAir is committed to providing excellent customer service and product support.

- **Warranty:** The HOVERAir X1 comes with a 1-year warranty against manufacturing defects.
- **Customer Service:** 24/7 customer service is available for assistance.
- **After-sales Support:** For any inquiries or support needs, please contact via email:support@hoverair.com.



	<p>HOVERAir X1 Quick Start Guide: Setup, Flight, and App Connection</p> <p>Get started with your HOVERAir X1 drone. This quick start guide provides step-by-step instructions for setup, charging, flight modes, takeoff, landing, and connecting to the companion app.</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 Quick Start Guide - ZEROZERO ROBOTICS</p> <p>Get started with your HOVERAir X1 PRO/PROMAX drone. This guide covers charging, app setup, flight controls, and specifications from ZEROZERO ROBOTICS.</p>
	<p>HOVERAir X1 PRO/PROMAX Quick Start Guide and User Manual</p> <p>Comprehensive guide for the HOVERAir X1 PRO/PROMAX drone, covering setup, flight modes, specifications, PowerCase usage, battery safety, and warranty information.</p>
	<p>HOVERAir X1: Disclaimer and Safety Instructions</p> <p>Comprehensive disclaimer and safety instructions for the HOVERAir X1 drone by ZeroZero Robotics. Covers operating guidelines, flight environment, pre-flight checks, storage, transportation, and regulatory compliance.</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>