



Manuals.plus /

› SKYROVER /

› SKYROVER X1 Drone User Manual

## SKYROVER X1

# SKYROVER X1 Drone User Manual

Model: X1

## PRODUCT OVERVIEW

---

The SKYROVER X1 drone is a compact and advanced aerial photography tool, featuring 8K photo and 4K/60fps HDR video capabilities. Weighing under 249g, it often bypasses FAA registration requirements. It includes 360° obstacle sensing for enhanced safety and a 50,000ft (15KM) SkyBridge transmission for stable live feeds. The drone also boasts Super Night Mode for low-light capture, Smart Spotlight and Dual Tracking for dynamic filming, and vertical shooting for social media content. With a 32-minute flight time, it's designed for both beginners and experienced pilots.



Figure 1: SKYROVER X1 Drone and Remote Controller.

## SETUP

---

### Preparing the Aircraft

Before first use, ensure the drone's battery is charged to activate it. Insert a microSD card into the designated slot for media storage.

 **32mins**

Standard Combo

 **96mins**

Fly More Combo



## ● Tailor Your Sky Adventures

Our Combo Triples Your Flight Time

Figure 2: The SKYROVER X1 drone in its folded and unfolded states, demonstrating portability and readiness for flight.

### Preparing the Remote Controller

Attach the control sticks to the remote controller. Connect your mobile device to the remote controller using the provided cable. Ensure the mobile device holder is securely adjusted to hold your device.

### Initial Activation

Power on both the aircraft and the remote controller. Follow the on-screen prompts in the SKYROVER app to activate the device. For Android devices, select "charging only" if a USB connection notification appears to avoid connection failures.

### Pre-flight Checklist

- Ensure propellers and battery are securely installed.
- Only fly in open areas, away from obstacles and crowds.
- Place the aircraft on level ground with the rear facing you.
- Verify all settings in the SKYROVER app, including flight protection parameters like Max Altitude and Max Distance.

### Taking Off and Landing

Initiate automatic takeoff via the SKYROVER app. The aircraft will ascend to a safe altitude. For landing, select the landing option in the app. You can cancel landing at any time if needed.

### Controlling the Camera

Use the remote controller's shutter/record button to take photos or start/stop video recording. The gimbal dial controls the tilt of the camera. A customizable button allows for digital zoom adjustments.



Figure 3: Key camera specifications of the SKYROVER X1, highlighting its 4K/60fps HDR video, 8K/48MP photo capabilities, f/1.7 aperture, and 1/1.32" CMOS sensor.

### Flight Controls

The remote controller provides precise control over the drone's movement. Adjust the remote controller's orientation to maintain optimal transmission range, ensuring a stable connection for smooth flight and live feed.

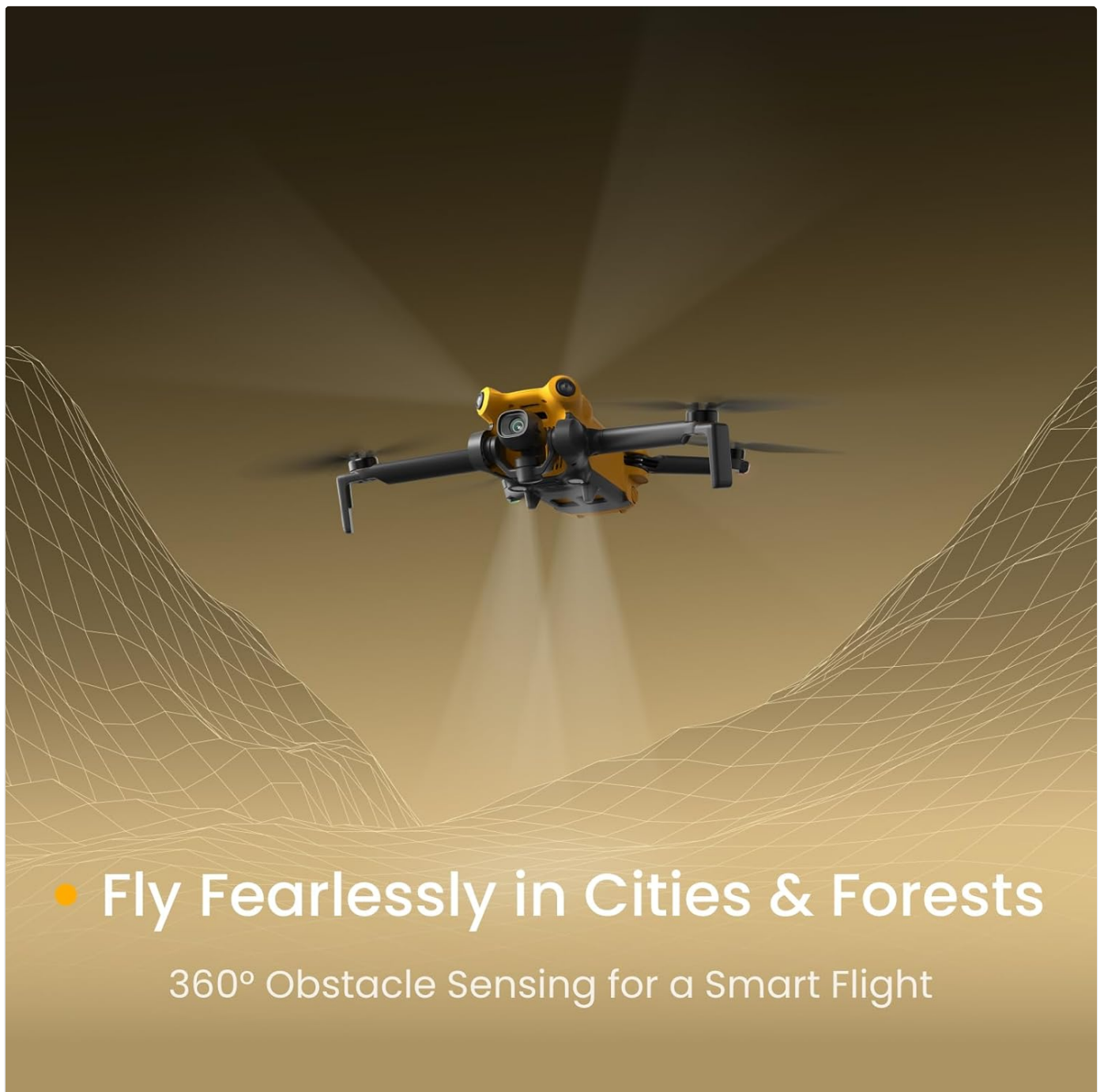


Figure 4: The SKYROVER X1 features 360° obstacle sensing, allowing for safer flights in complex environments.

### **Return to Home (RTH)**

The Return to Home function allows the drone to automatically return to its takeoff point. This feature is crucial for safety and convenience, especially when battery levels are low or connection is lost.



Figure 5: The SKYROVER X1 boasts a 50,000ft (15KM) SkyBridge transmission range, ensuring stable and smooth 1080p/60fps live feeds.

### [Official Product Video: How to Use SKYROVER X1 Drone](#)

Your browser does not support the video tag.

Video 1: This official video from Skyrover Direct provides a comprehensive guide on how to use the SKYROVER X1 Drone, covering setup, flight, and camera operations.

## MAINTENANCE

---

### Charging the Devices

Ensure both the drone battery and remote controller are fully charged before each flight. Use the provided charging cables and adapters. The drone battery can be charged directly via USB-C, and additional batteries can be charged using a multi-battery charging hub (if included in your kit).

 **32mins**

Standard Combo

 **96mins**

Fly More Combo



## • Tailor Your Sky Adventures

Our Combo Triples Your Flight Time

Figure 6: The SKYROVER X1 drone battery and an optional multi-battery charging hub, illustrating charging options.

### Attaching/Detaching the Propellers

To attach propellers, align them with the motor base and secure them with the provided screws. Ensure the correct propeller type (indicated by markings) is used for each motor. To detach, unscrew and carefully remove the propellers.

### TROUBLESHOOTING

---

Problem	Possible Cause	Solution
Drone does not power on.	Low battery; Battery not properly inserted.	Charge the drone battery; Reinsert battery securely.
Loss of connection with remote controller.	Out of range; Interference; Low remote controller battery.	Fly closer to the drone; Move to an area with less interference; Charge remote controller.
Poor image/video quality.	Dirty camera lens; Incorrect camera settings; Insufficient lighting.	Clean the lens; Adjust camera settings in the app; Fly in better lighting conditions or use Super Night Mode.
Drone drifts during flight.	Strong winds; Calibration needed.	Avoid flying in strong winds; Perform IMU and compass calibration via the app.

## SPECIFICATIONS

---

- **Brand:** SKYROVER
- **Model:** X1
- **Item Weight:** 249 Grams
- **Product Dimensions:** 5.9"L x 3.66"W x 2.6"H
- **Video Capture Resolution:** 4K
- **Effective Still Resolution:** 48 MP (8K Photo)
- **Special Feature:** 50000ft(15KM) Transmission Range, 4K/60fps, 32 Mins Flight Time, 1/1.32 CMOS, 8K Photo, 360° Obstacle Sensing
- **Battery Capacity:** 2560 Milliamp Hours
- **Battery Cell Composition:** Lithium Polymer
- **Skill Level:** All
- **Connectivity Technology:** USB
- **Color:** Yellow

## WHAT'S IN THE BOX

---

- SKYROVER Drone x1
- SKYROVER Remote Controller x1
- RC Cable (Lightning Connector) x1
- RC Cable (USB-C Connector) x1
- USB-C Cable x1
- Flight Battery x1
- Spare Propellers Pair x3
- Gimbal Protector x1
- User Manual x1

# What's in the box



Figure 7: All components included in the SKYROVER X1 Drone standard kit.

## WARRANTY AND SUPPORT

---

For warranty information, technical support, or service inquiries, please visit the official SKYROVER website or contact their customer service. Keep your proof of purchase for warranty claims.

Official Brand Store: SKYROVER Store on Amazon