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## Contixo F23

# Contixo F23 GPS Drone User Manual

Model: F23

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## 1. INTRODUCTION

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This manual provides essential instructions for the safe operation, setup, and maintenance of your Contixo F23 GPS Drone. Please read this manual thoroughly before operating the drone to ensure proper function and to prevent damage or injury. The Contixo F23 is a foldable GPS drone equipped with a 720P camera, offering advanced flight modes and a dedicated remote control with a 4.5-inch screen for an enhanced flying experience.



Image 1.1: The Contixo F23 GPS Drone, remote control, two batteries, propeller replacements, charging cable, memory card, and screwdriver, all neatly arranged with a carrying case.

## 2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1 x F23 Drone
- 1 x Remote Control
- 2 x Rechargeable Batteries
- 1 x Memory Card
- 1 x Micro-USB Cable
- 8 x Propeller Replacement (4 pairs)
- 1 x Screwdriver
- 1 x Carrying Case
- 1 x User Manual (this document)

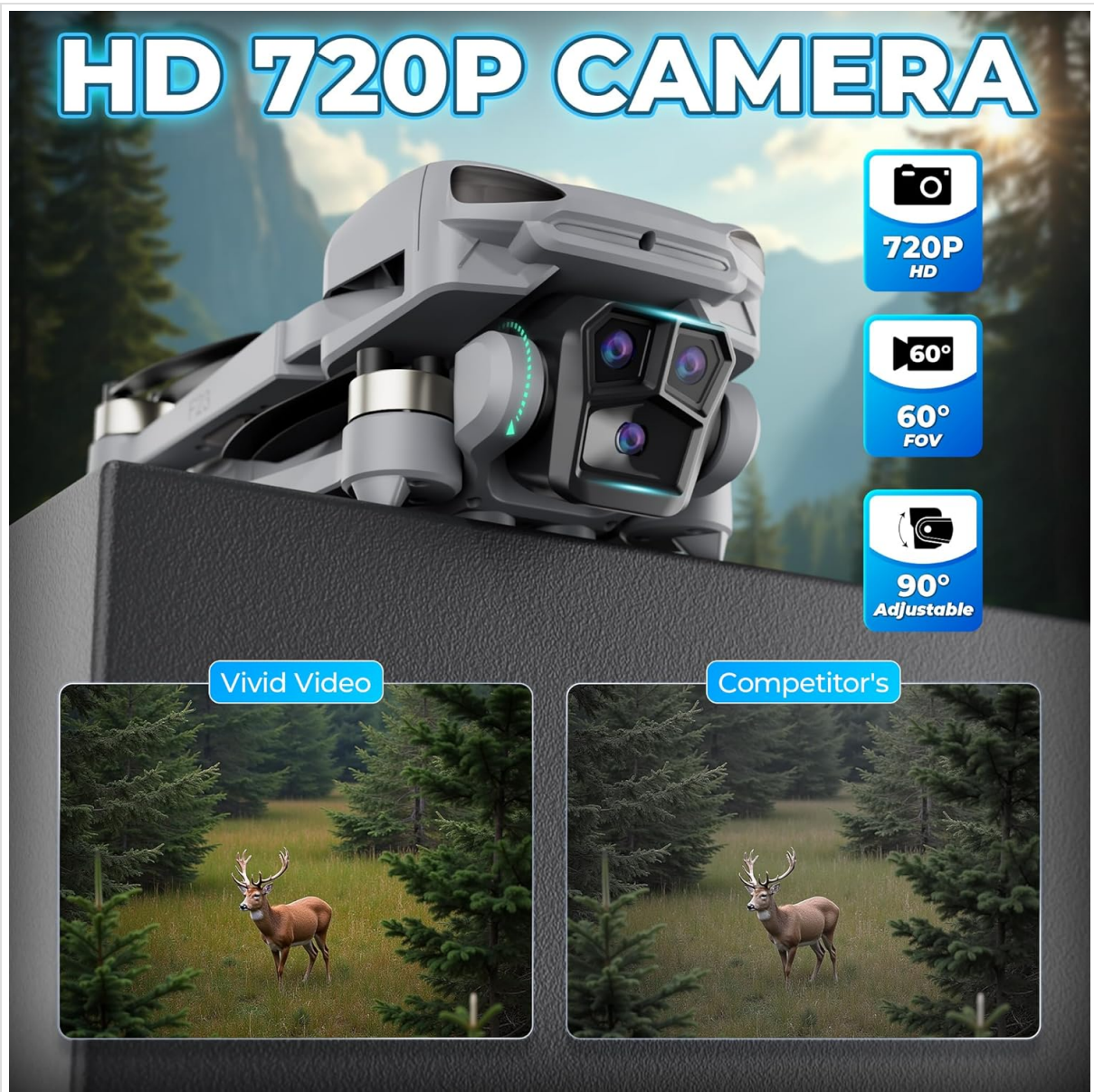


Image 2.1: A visual representation of all items included in the Contixo F23 Drone package, including the drone, remote, batteries, propellers, and accessories.

### 3. SETUP GUIDE

#### 3.1. Battery Charging

Charge both drone batteries (7.4V 1600mAh) using the provided Micro-USB cable. Each battery provides up to 23 minutes of flight time. Ensure batteries are fully charged before each flight.

#### 3.2. Remote Control Setup

Install four new AA batteries into the remote control. The remote features a built-in 4.5-inch screen for live camera feed and flight telemetry.



Image 3.1: The Contixo F23 drone's remote control, featuring a central 4.5-inch display screen and dual joysticks for flight control.

### 3.3. Propeller Installation

Carefully attach the propellers to the drone. Note that propellers are marked 'A' and 'B' and must be installed on the corresponding motor arms. Use the provided screwdriver and ensure screws are tightened securely, paying attention to the correct rotation direction (clockwise/counter-clockwise) to avoid stripping.

### 3.4. Initial Pairing and Calibration

Before your first flight, familiarize yourself with the remote control functions. Power on the drone and then the remote. Follow the on-screen instructions for initial pairing and GPS calibration. Ensure all drone lights are solid blue and white before takeoff, indicating a stable connection and GPS lock.

### 3.5. FAA Registration

The Contixo F23 drone weighs approximately 8.3 oz (under 250 grams), which is below the FAA registration threshold. Therefore, FAA registration is not required for recreational use in the United States.

## 4. OPERATING INSTRUCTIONS

### 4.1. Basic Flight Controls

Use the joysticks on the remote control to maneuver the drone. Practice in an open area away from obstacles. Be aware that the control joystick's direction will change relative to the drone's orientation. For example, if the drone's camera faces away from you, controls will be intuitive (up for forward, down for backward). If the camera faces you, controls will be reversed. Headless mode can assist with orientation challenges, but understand its limitations before use.

### 4.2. GPS Connection

Allow a few minutes for the drone to connect to sufficient GPS satellites before takeoff. A stable GPS connection is crucial for precise flight and the functionality of smart flight modes.



Image 4.1: An illustration depicting the Contixo F23 drone utilizing GPS control for stable flight and precise positioning over a mountainous landscape.

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

The RTH function allows the drone to automatically return to its takeoff point. When activated, the drone will ascend to a safe altitude, hover, and then return. Ensure you use RTH in a wide-open area as the drone does not have obstacle avoidance capabilities. Consistent landings within 6 feet of the takeoff point are typical.

### **4.4. Camera Operation**

The drone is equipped with an HD 720P camera (1280x720 resolution) with a 60° field of view and an adjustable angle from -90° to 0°. Use the controls on the remote to capture photos and videos. The live feed is visible on the remote's 4.5-inch screen.



Image 4.2: A close-up view of the Contixo F23 drone's HD 720P camera, highlighting its 720P HD resolution, 60-degree field of view, and 90-degree adjustable tilt capability.

## 5. SMART FLIGHT MODES

The Contixo F23 offers several intelligent flight modes for enhanced control and creative capture:

- **Follow Me:** The drone will automatically follow the remote controller, allowing you to focus on capturing photos and videos during your outdoor activities.
- **Waypoint Flight:** Set multiple GPS points on the map, and the drone will automatically fly along the designated path, freeing you to control the camera.
- **Orbit Mode:** The drone will circle around a designated point of interest, capturing smooth 360-degree videos or photos.
- **Hand Gestures:** Activate camera functions (photo or video) with simple hand gestures.

# FOLLOW ME

Follow Me mode lets you focus on capturing photos and videos, adding fun to your outdoor adventures.



Image 5.1: Icons representing the Contixo F23 drone's smart flight features: GPS Control, Follow Me, Way Point, Orbit Mode, 4.5-inch Screen Remote, and Selfie Mode.

# GESTURE CONTROL

Activate camera functions with simple gestures.



Photo Gesture



Video Gesture



Image 5.2: A Contixo F23 drone following a person hiking on a mountain trail, illustrating the 'Follow Me' mode.

# WAYPOINT FLY

Set multiple GPS points, or waypoints, and the drone will automatically fly to them, allowing you to focus on controlling the camera.



Image 5.3: Two panels demonstrating the 'Gesture Control' feature, showing hand gestures for taking photos and recording videos with the Contixo F23 drone.

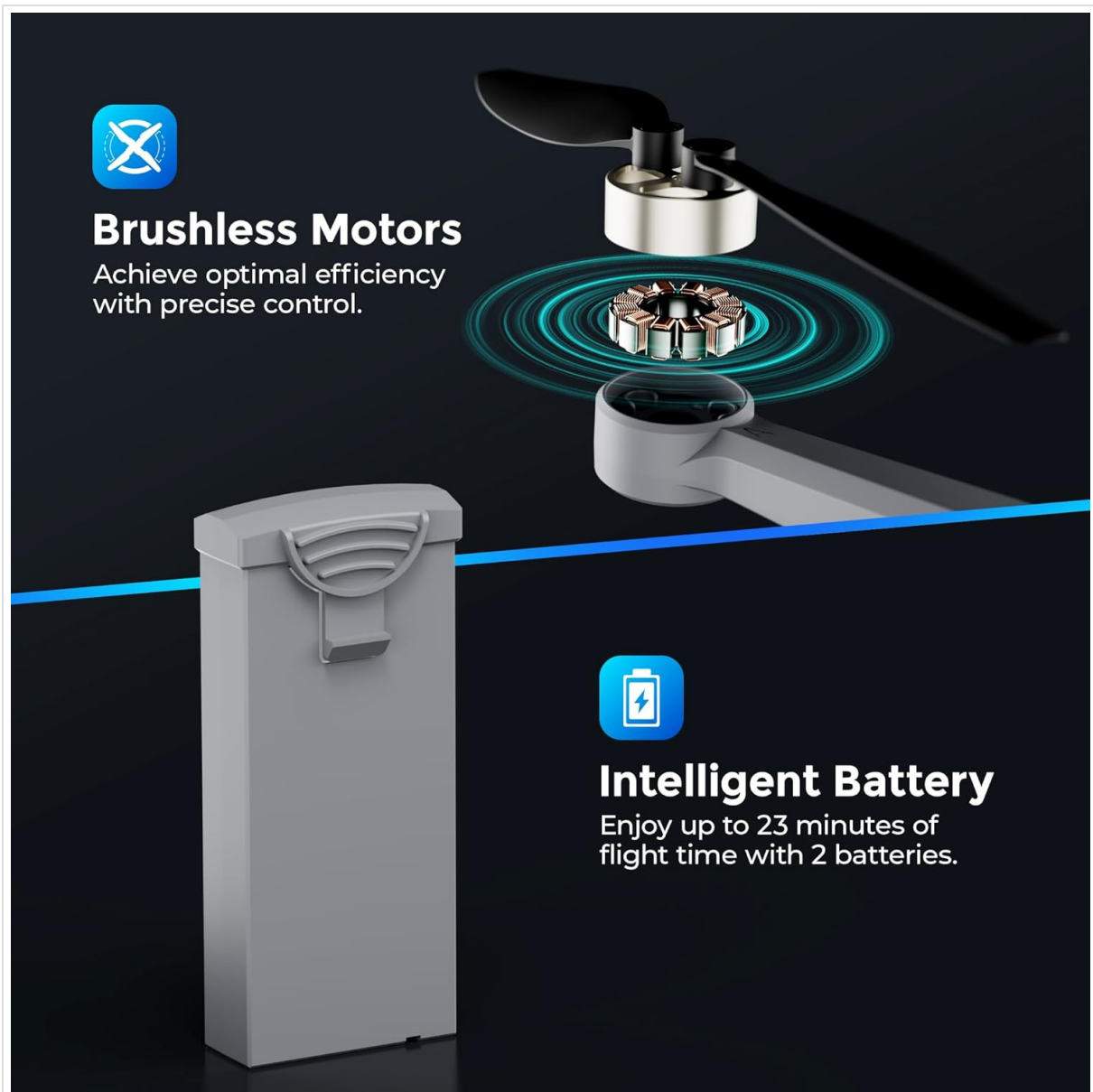


Image 5.4: An illustration of the 'Waypoint Fly' mode, showing the Contixo F23 drone flying along a pre-set path marked by numbered GPS points over a mountainous landscape.

## 6. MAINTENANCE

### 6.1. General Care

Keep the drone clean and free from dust and debris. Store the drone and its components in the provided carrying case when not in use to protect them from damage.

### 6.2. Propeller Replacement

Inspect propellers regularly for any signs of damage (cracks, bends, chips). Replace damaged propellers immediately using the spare parts and screwdriver provided. Ensure correct 'A' and 'B' propeller placement.

### 6.3. Battery Care

Do not overcharge or completely discharge the batteries. Store batteries in a cool, dry place. If the drone will not be used for an extended period, charge the batteries to approximately 50% capacity before storage.



Image 6.1: A detailed view of the Contixo F23 drone's intelligent battery, highlighting its 7.4V 1600mAh specification and sleek design.

## 7. TROUBLESHOOTING

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- **Drone not taking off or flying erratically:**

- Ensure all drone lights are solid blue and white before takeoff, indicating a stable connection and GPS lock.
- Check battery levels for both drone and remote control.
- Verify propellers are correctly installed and undamaged.
- Perform a full calibration as per the setup guide.

- **No live camera feed on remote screen:**

- Ensure the drone's Wi-Fi is connected to the remote.
- Restart both the drone and the remote control.
- If using a companion app on a smartphone, ensure the app is updated and compatible with your device. Some users have reported issues with Android app connectivity; try toggling Wi-Fi, Airplane Mode, Bluetooth, and Power Saving Mode on/off on your phone.

- **Drone drifting during flight:**

- Ensure GPS mode is active and the drone has a strong GPS signal.
- Avoid flying in wind speeds exceeding 7 mph, as this can cause drift and make control difficult.

- **RTH (Return to Home) not accurate:**

- Ensure the drone had a strong GPS lock at the takeoff point.
- RTH accuracy can be affected by environmental factors and GPS signal strength.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	Contixo
Model Name	F23
Color	Grey
Video Capture Resolution	720p (1280x720)
Camera Field of View (FOV)	60 Degrees
Camera Adjustable Angle	-90° to 0°
Connectivity Technology	Wi-Fi (5GHz FPV Transmission)
Included Components	F23 Drone, Memory Card, Micro-USB Cable, 2 Rechargeable Batteries, Remote Control
Skill Level	Beginner
Battery Capacity	1600 Milliamp Hours (per battery)
Total Flight Time	Up to 46 minutes (with 2 batteries)
Maximum Range	600 Feet
Item Weight	8.3 oz (under FAA registration threshold)
Product Dimensions	2.2"L x 2.95"W x 5.91"H (Folded)
Special Features	GPS, Follow Me, Waypoint Flight, Orbit Mode, Return to Home, Hand Gestures, 4.5" Screen Remote

## 9. WARRANTY & SUPPORT

### 9.1. Product Warranty

Contixo products typically come with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included in your product packaging or visit the official Contixo website for specific warranty terms and conditions.

### 9.2. Extended Protection Plans

Optional extended protection plans are available for purchase separately to cover accidental damage or malfunctions beyond the standard warranty period. These plans may include 2-year or 3-year coverage options.

### 9.3. Customer Support

For technical assistance, troubleshooting, or inquiries regarding your Contixo F23 drone, please contact Contixo customer support through their official website or the contact information provided in your product documentation.

