

Contixo F29A

Contixo F29A Foldable Drone User Manual

Model: F29A | Brand: Contixo

1. INTRODUCTION AND OVERVIEW

The Contixo F29A is a high-performance foldable drone designed for capturing stunning aerial photography and videography. Featuring a 4K UHD camera with a 3-axis gimbal, a 5-inch HD touchscreen remote, and intelligent flight modes, it offers a comprehensive and user-friendly flying experience. This manual provides essential information for safe and effective operation of your F29A drone.

Key Features:

- 4K UHD Camera & 3-Axis Gimbal:** Capture crystal-clear 3840×2160 photos and cinematic 4K videos with a wide 105° field of view and 70° adjustable angle. The 3-axis gimbal ensures smooth, shake-free footage.
- 5" HD Touchscreen Remote:** Built-in 5-inch HD touchscreen remote delivers live video feed and flight data without the need for a smartphone.
- Intelligent Flight Modes:** Featuring GPS follow, orbit mode, one-key spiral, far fly, and skyrocket for creative shots.
- Safety & Stability Features:** Equipped with GPS-assisted return-to-home, optical flow positioning, and reliable brushless motors.
- Long Range & Flight Time:** Fly up to 3000m with a 2000m image transmission range. Each intelligent battery provides up to 23 minutes of flight, with 2 batteries included for extended fun.



F29 Drone



3-Axis
Gimbal



4k
Camera



Optical
Flow



One-Key
Takeoff / Landing



GPS Return
Home



Follow
Me



Orbit
Mode



5" Screen
Remote



Up to 2 x 23 MIN
Flight Time



Flying Range up
to 1.9 Miles (3KM)



Image: Contixo F29 Drone showcasing its features while flying over a mountainous landscape.

Video: An overview of the Contixo F29 Foldable Drone, highlighting its key features and capabilities.

Video: A detailed overview of the Contixo F29 Drone's design and functionality.

2. WHAT'S IN THE Box

Your Contixo F29A drone package includes the following items:

- 1 x F29 Drone
- 1 x Screen Remote Control
- 2 x Batteries
- 8 x Propeller Blades (4 installed, 4 spares)
- 1 x USB Cable
- 1 x Landing Pad
- 1 x Carrying Case
- 1 x 32GB SD Card
- 1 x User Manual



Image: The Contixo F29 Drone and its complete set of accessories, including the remote, batteries, propellers, and carrying case.

Video: An unboxing video of the Contixo F29 Drone, showing all components included in the package.

3. PRODUCT COMPONENTS

3.1. Drone (Contixo F29A)

The F29A drone features a compact, foldable design for easy portability. It is equipped with a 4K UHD camera mounted on a 3-axis gimbal for stable footage, and powerful brushless motors for efficient flight.



Image: The Contixo F29 Drone shown in both its folded and unfolded states, highlighting its compact design.

COMPACT DESIGN

Foldable Arms and Propeller Blades Make the Quadcopter Compact and Travel-Friendly

**WEIGHT LESS THAN
249 g / 0.55 lbs**

No registration required—fly without the hassle of government paperwork.

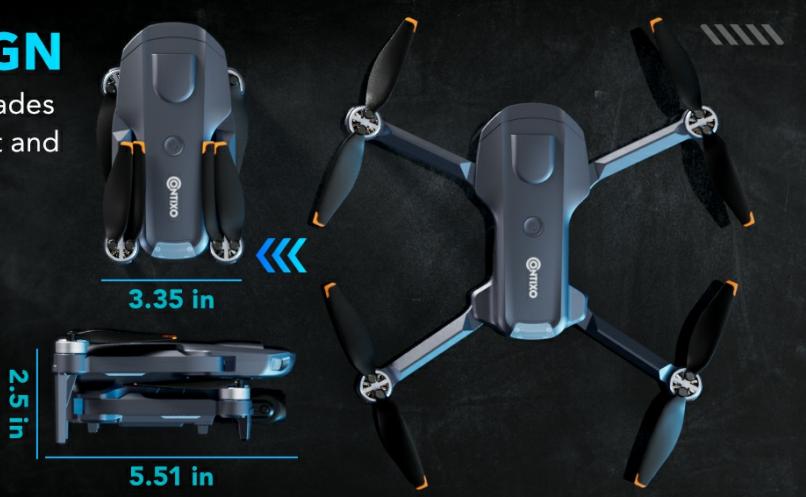


Image: Diagram illustrating the compact, foldable design and lightweight nature of the Contixo F29 Drone.

3.2. Remote Control

The remote control features a built-in 5-inch HD touchscreen for direct viewing of live video feed and flight data. It includes dual joysticks for flight control and dedicated buttons for various functions.



Image: Detailed layout of the Contixo F29 Drone's remote control, with labels for each button and joystick function.

- **Power Switch:** Press once then hold for 3 seconds to turn on/off the remote.
- **GPS Switch:** Activates or deactivates GPS functions.
- **Auto Return:** Quick press to initiate Return-to-Home.
- **Take off / Landing:** Hold for 3 seconds to initiate one-key takeoff or landing.
- **Headless Mode:** Quick press to activate headless flight mode.
- **Compass Calibration:** Hold for 3 seconds to calibrate the compass.
- **Throttle Stick:** Controls altitude (up/down).
- **Direction Stick:** Controls forward/backward and left/right movement.
- **Speed Switch:** Toggles between different flight speeds.
- **Camera Up / Down:** Adjusts the camera's vertical tilt.
- **Photo:** Quick press to take a photo.
- **Video:** Hold for 3 seconds to start/stop video recording.
- **Orbit Mode:** Activates orbit flight mode.

4. SETUP

4.1. Battery Installation and Charging

1. Insert a fully charged battery into the drone's battery compartment until it clicks securely into place.
2. To charge the intelligent batteries, connect them to the provided USB cable and a compatible USB power adapter (not included). The battery indicator lights will show charging status.

4.2. Propeller Installation

The drone comes with propellers pre-installed. If replacement is needed, use the provided spare propeller blades and screwdriver. Ensure propellers are installed correctly according to the user manual to avoid flight instability.

4.3. Compass Calibration

Before your first flight, or if flying in a new location, it is essential to calibrate the drone's compass for accurate navigation.

1. Turn on the drone and the remote control.
2. Hold the Compass Calibration button on the remote for 3 seconds. The drone's indicator lights will change color.
3. Hold the drone horizontally and rotate it 360 degrees clockwise until you hear a beep.
4. Hold the drone vertically (camera facing down) and rotate it 360 degrees clockwise until you hear another beep.
5. The indicator lights will turn solid green, indicating successful calibration.

5. OPERATING THE DRONE

5.1. Takeoff and Landing

1. Place the drone on a flat, open surface.
2. Ensure GPS signal is strong (indicated on the remote screen).
3. Hold the Take off / Landing button on the remote for 3 seconds. The drone will automatically take off and hover at a safe altitude.
4. To land, hold the Take off / Landing button again for 3 seconds. The drone will descend and land automatically.



Image: The Contixo F29 Drone illustrating various one-key flight modes, including takeoff/landing, spiral, far fly, and skyrocket.

5.2. Basic Flight Controls

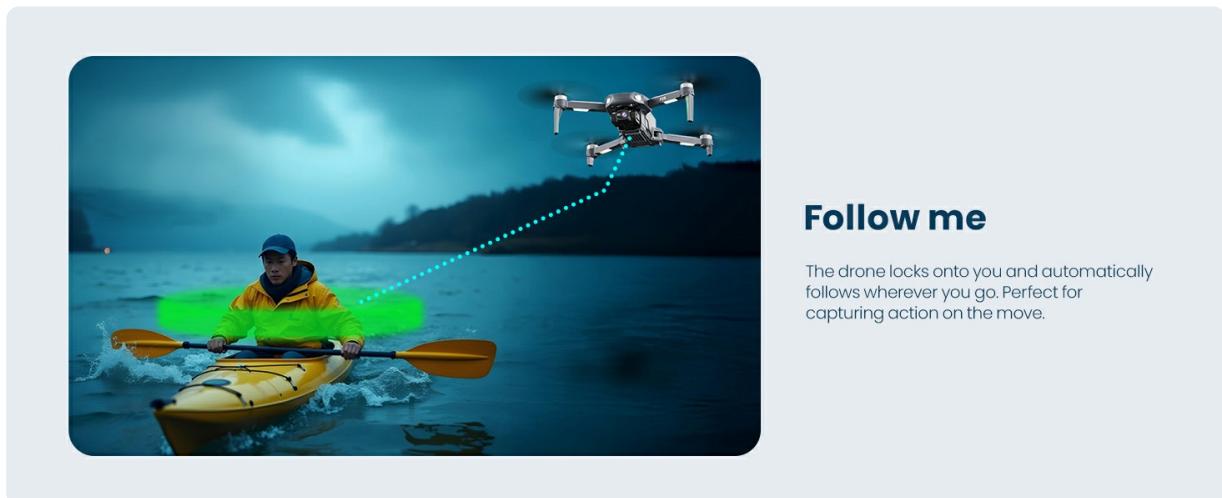
Use the joysticks on the remote control to maneuver the drone:

- **Left Joystick (Throttle):** Push up to ascend, pull down to descend.
- **Right Joystick (Direction):** Push forward to fly forward, pull back to fly backward, push left to fly left, push right to fly right.

5.3. Intelligent Flight Modes

The F29A offers several intelligent flight modes for enhanced creativity and ease of use:

- **Follow Me:** The drone will automatically follow the remote control's position. Activate by short pressing the Follow Me button on the remote.



Follow me

The drone locks onto you and automatically follows wherever you go. Perfect for capturing action on the move.

Image: The Contixo F29 Drone in Follow Me mode, tracking a kayaker on a lake.

- **Orbit Mode:** The drone will circle around a designated point or subject. Activate by pressing the Orbit Mode button on the remote.



Orbit Mode

Circle around the object automatically and capture smooth 360° videos or photos with ease.

Image: The Contixo F29 Drone performing an Orbit Mode flight around a lighthouse.

6. CAMERA OPERATION

The F29A is equipped with a 4K UHD camera and a 3-axis gimbal for superior image and video stability.

6.1. Taking Photos and Videos

1. To take a photo, quick press the Photo button on the remote.
2. To start video recording, hold the Video button on the remote for 3 seconds. Hold again for 3 seconds to stop recording.
3. All photos and videos are saved to the included 32GB SD card.



Experience Ultra-Smooth, Shake-Free Footage with Advanced 3-Axis Gimbal Stability



Without 3-Axis Gimbal

With 3-Axis Gimbal

Image: Comparison showing the difference in footage stability with and without the 3-axis gimbal on the Contixo F29 Drone.

Clear Image with **4K**

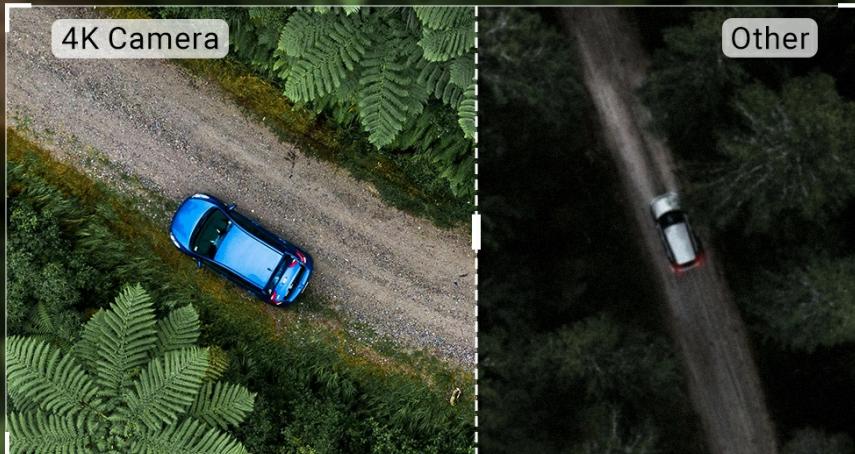
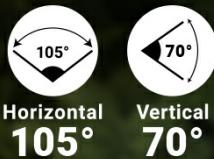


Image: Comparison of 4K camera quality from the Contixo F29 Drone versus another drone, highlighting clarity and wide-angle view.

Video: Demonstration of the Contixo F29 Drone's 3-axis gimbal and camera capabilities.

7. SAFETY FEATURES

The Contixo F29A is equipped with multiple safety features to ensure a secure and reliable flight experience.

- **GPS-Assisted Return-to-Home (RTH):** The drone automatically returns to its takeoff point in cases of low battery, signal loss, or when the RTH button is pressed.



GPS Return To Home



Image: The Contixo F29 Drone illustrating its GPS Return to Home function, showing the drone returning to its takeoff point.

- **Optical Flow Positioning:** Enhances hovering precision, especially in outdoor environments.
- **Brushless Motors:** Provide efficient, quieter performance and increased reliability.



Triple Precise Positioning

GPS + optical flow mode.
The best flying drone for beginners,
Fly Freely without fear of losing.

Image: The Contixo F29 Drone highlighting its Triple Precise Positioning system, including Return to Home, Follow Me, and GPS Control.



Image: The Contixo F29 Drone showcasing its Level 5 Wind Resistance for stable performance in various conditions.

Video: Demonstration of the Contixo F29 Drone's low battery mode and automatic return-to-home function.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Contixo F29A drone, follow these maintenance guidelines:

- Regularly inspect propellers for any damage (cracks, bends). Replace damaged propellers immediately.
- Keep the drone and remote control clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the drone and batteries in the provided carrying case in a cool, dry place when not in use.
- Avoid exposing the drone to extreme temperatures or direct sunlight for prolonged periods.

9. TROUBLESHOOTING

For detailed troubleshooting steps and solutions to common issues, please refer to the comprehensive user

manual included in your package or visit the official Contixo support website.

10. SPECIFICATIONS

Specification	Value
Brand	Contixo
Model Name	F29A
Video Capture Resolution	4K
Special Feature	10,000ft RC Control Range, 7000ft Range Digital Real-time Transmission, 4K Photo & 4K/20fps Video, 3 Axis Gimbal with EIS, 46 min Long Battery Life with 2 Batteries, 5.0" touch screen, Beginner Friendly, One-key takeoff / landing, GPS Return home, Follow Me, Orbit Mode, One-key spiral, One-key far fly, One-key skyrocket, Optical flow, Professional Adult Drones, Under 249g, Lightweight, FAA-Exempt, Pocket-sized
Connectivity Technology	USB
Skill Level	Professional
Battery Capacity	1950 Milliamp Hours
Remote Control Technology	Bluetooth
Material	Plastic
Item Weight	3.78 pounds
Product Dimensions	10.83" L x 2.56" W x 12.6" H

11. WARRANTY AND SUPPORT

For warranty information, technical support, or to access additional resources, please refer to the official Contixo website or the comprehensive user manual included with your F29A drone.