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Bwine F7GIM 6K

Bwine F7GIM Pro Drone User Manual

Model: F7GIM 6K | Brand: Bwine

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the safe operation, setup, maintenance, and troubleshooting of your Bwine F7GIM Pro Drone. Please read this manual thoroughly before operating the drone to ensure optimal performance and safety.

The Bwine F7GIM Pro Drone features a groundbreaking industrial aesthetic design with a 3D laser-etched texture and bold orange propeller accents. It is equipped with a 6K Ultra HD camera and a 3-axis brushless gimbal for professional imaging.



Image: The Bwine F7GIM Pro Drone with its remote controller, two batteries, charging cables, spare propellers, and a portable carrying case.

2. WHAT'S IN THE BOX

Verify that all components are present in the package before proceeding with setup.

- 1 × Bwine F7GIM Professional Drone with Gimbal Camera
- 1 × Rechargeable Smart Remote Controller
- 2 × High-Capacity Intelligent Batteries (Up to 35 minutes flight time each)
- 1 × Military-Grade Shockproof Carrying Case (Water & Dust Resistant)
- 4 × Quick-Release Spare Propellers
- Charging Cable (USB-C Fast Charging)
- Screwdriver & Maintenance Screw Set
- Illustrated User Manual (this document)

What's in the Box



F7GIM Drone



Remote Controller



Battery * 2



Portable Bag



Data Cable * 3
(Type-C cable installed)



USB Charging Cable * 2
(Charger not included)



Propeller * 4



Camera Cover

Image: Visual representation of all items included in the Bwine F7GIM Pro Drone package.

3. SETUP GUIDE

3.1 Battery Charging

Before first use, fully charge both the drone batteries and the remote controller. Connect the provided USB-C charging cable to a compatible charger (sold separately). The batteries have a capacity of 3200 Amp Hours, providing up to 35 minutes of flight time each.

70 Mins=35x2

Charge Shorter, Fly Longer



Image: Two Bwine F7GIM Pro Drone batteries connected to a charger, illustrating the charging process.

3.2 Propeller Installation

Attach the quick-release propellers to the drone's motors. Ensure each propeller is securely fastened according to the markings (e.g., A and B) on the propellers and motor arms. Refer to the included illustrated user manual for detailed steps.

3.3 Connecting to the Remote Controller and App

The Bwine F7GIM Pro Drone utilizes advanced digital image transmission technology, eliminating the need for Wi-Fi for connection.

1. Download the latest version of the Bwine Mini App on your smartphone or tablet.
2. Power on the drone and the remote controller.
3. Connect your smartphone/tablet to the remote controller using the provided data cable. This wired connection ensures instant, real-time, and interference-free transmission.
4. Follow the on-screen prompts in the Bwine Mini App for initial calibration and pairing.

Advanced Digital Transmission

Anti-Interference & Low Latency

Bwine



Cable Connection

- ✓ Instant Connect
- ✓ Real-Time
- ✓ Enhanced Stability
- ✓ Interference-Free Frequency

Other



... ...



Wireless connection

- ✗ Complex setup
- ✗ Transmission delay
- ✗ Unstable signal

Image: A user holding the Bwine remote controller with a smartphone attached, demonstrating the wired connection for advanced digital transmission.

4. OPERATING INSTRUCTIONS

4.1 Pre-Flight Checklist

- Ensure all batteries (drone and controller) are fully charged.
- Check that propellers are securely attached and undamaged.
- Verify the camera gimbal is free from obstructions.
- Perform compass calibration as instructed by the app in an open area away from magnetic interference.
- Ensure sufficient GPS signal before takeoff for stable flight and return-to-home functionality.

4.2 Basic Flight Controls

The Bwine F7GIM Pro is designed to be user-friendly for all skill levels.

- **One-Button Takeoff/Landing:** Simplifies initial flight and safe return.

- **Intelligent Novice Mode:** Automatically activates height limit protection for new pilots, reducing operational anxiety.
- **TOF + GPS Dual Protection:** Six high-precision sensors and millimeter-wave radar enhance low-altitude stability by 55%.



Image: The Bwine F7GIM Pro Drone demonstrating its TOF + GPS dual protection system, hovering stably above a landing pad.

4.3 Advanced Flight Modes (GPS Smart Modes)

Utilize the Bwine Mini App to access and activate various intelligent flight modes for cinematic shots:

- **Cruise Control:** Maintains a set speed and direction.
- **Follow Me:** The drone automatically follows the subject (user with controller).
- **Orbit Flight:** The drone circles a designated point of interest.
- **Waypoint Planning:** Plan a custom flight path by setting multiple waypoints on the map.
- **Intelligent Return-to-Home:** Automatically returns the drone to its takeoff point when battery is low or signal is lost.



Image: The Bwine F7GIM Pro Drone executing an orbit flight around a person on a bicycle, showcasing its intelligent flight capabilities.

4.4 Camera Operation

The drone's 6K UHD camera with a 3-axis brushless gimbal provides stable and high-quality aerial footage.

- **6K Photos:** Capture ultra-clear still images.
- **4K/30fps Video:** Record smooth, detailed video footage.
- **3-Axis Brushless Gimbal:** Ensures dynamic stability, even in challenging conditions, for shake-free footage.
- **Night Mode 2.0:** Reduces noise by 70% in low-light conditions, allowing for clear night photography and videography.
- **5X Digital Dolly Zoom:** Zoom in and out to capture distant subjects with clarity.

6K Ultra HD Aerial Shooting

Capture the Best, Restore the Colors

6K Photos

4K/30fps Videos

1/32" 8MP
FOV75° F2.0

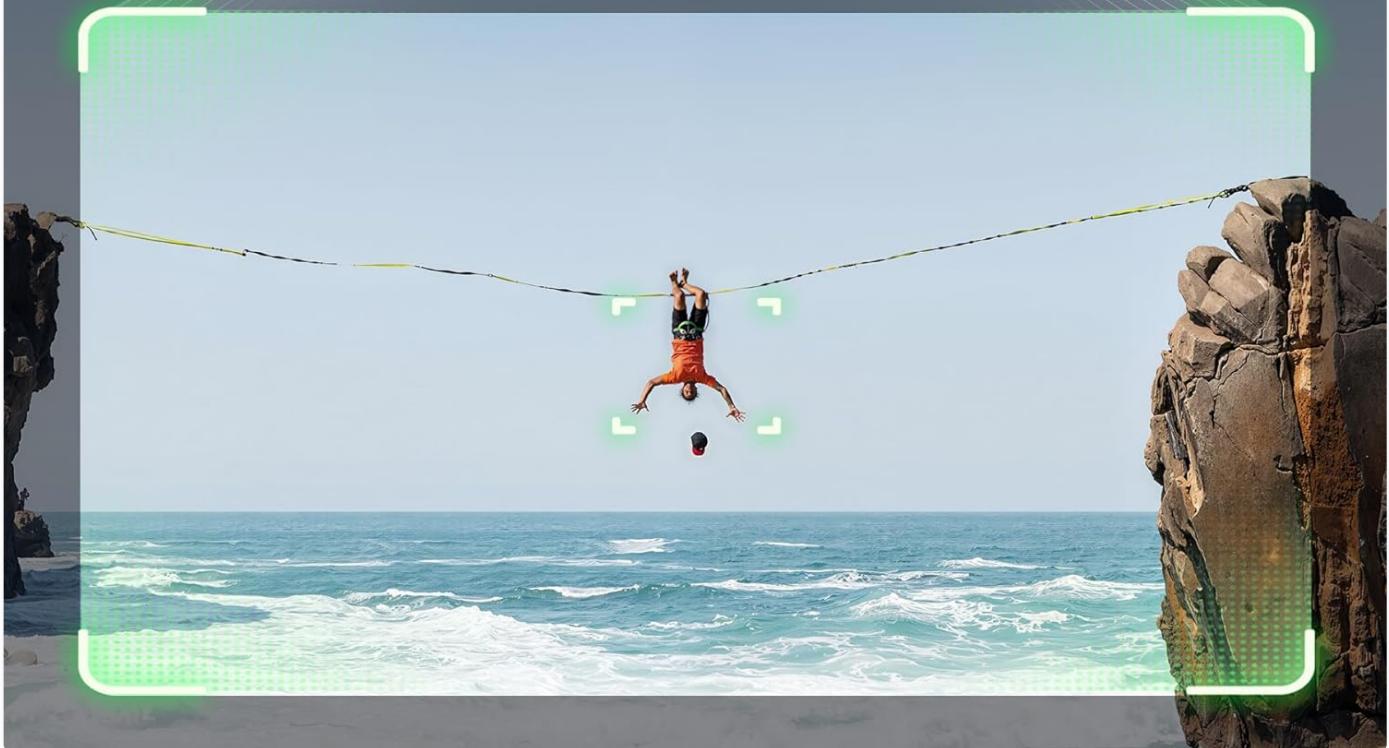


Image: Close-up view of the Bwine F7GIM Pro Drone's 6K Ultra HD camera, highlighting its capability for high-resolution aerial shooting.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bwine F7GIM Pro Drone.

- Propellers:** Inspect propellers for cracks, bends, or damage before each flight. Replace damaged propellers immediately using the provided spare set.
- Motors:** Keep motors free from dust and debris. Ensure they spin freely.
- Gimbal and Camera:** Gently clean the camera lens with a soft, lint-free cloth. Ensure the gimbal moves freely and is not obstructed.
- Batteries:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If storing for extended periods, charge them to approximately 50-60%.
- Drone Body:** Wipe the drone body with a clean, damp cloth to remove dirt. Avoid using harsh chemicals.

6. TROUBLESHOOTING

If you encounter issues with your Bwine F7GIM Pro Drone, refer to the following common troubleshooting tips. For more complex problems, contact customer support.

- **Drone not powering on:** Ensure batteries are fully charged and correctly inserted.
- **No video feed:** Check the wired connection between the remote controller and your smartphone. Ensure the Bwine Mini App is open and updated.
- **Unstable flight:** Perform compass calibration in an open area. Check for damaged propellers. Ensure you are flying in an environment with good GPS signal.
- **Drone not responding to controls:** Re-pair the remote controller with the drone. Check battery levels of both the drone and controller.

Bwine offers 5 professional guidance videos to assist with setup and operation. These can be accessed via the Bwine Mini App or the official Bwine website.

7. SPECIFICATIONS

Feature	Detail
Brand	Bwine
Model Name	F7GIM
Color	Dark Gray
Video Capture Resolution	4K@30fps
Connectivity Technology	Digital Transmission (No Wi-Fi needed)
Skill Level	All (Beginner - Professional)
Item Weight	357 Grams (12.6 ounces)
Battery Capacity	3200 Amp Hours
Video Capture Format	MP4
Control Type	Remote Control
Maximum Range	3 Kilometers (10,000ft)
Material	Plastic, Carbon Fiber
Product Dimensions	6.5" L x 3.54" W x 2.56" H
FAA Compliance	Built-in FAA-compliant Remote ID

8. WARRANTY AND SUPPORT

Bwine is committed to providing excellent customer service and support for your F7GIM Pro Drone.

- **Lifetime Drone Warranty:** Enjoy peace of mind with a lifetime warranty on your drone.
- **Firmware Upgrades:** Benefit from continuous improvements and new features through firmware upgrades.
- **24/7 Bilingual Support:** Contact Bwine support via APP, email, or phone for assistance. Response time is typically less than 15 minutes.

- **Contact Information:**

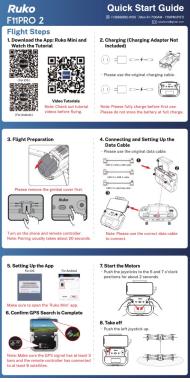
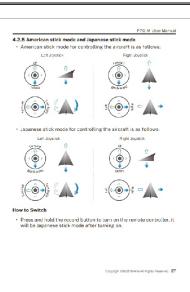
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For more information and to explore other Bwine products, visit the official Bwine Store: [Bwine Store on Amazon](https://www.amazon.com/Bwine-Drone).

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Related Documents - F7GIM 6K

	<p>Ruko F11PRO 2 Drone Quick Start Guide</p> <p>A quick start guide for the Ruko F11PRO 2 drone, covering flight steps, charging, setup, precautions, and return rules.</p>
	<p>Bwine F7GIM Drone User Manual: Operation and Features</p> <p>Comprehensive user manual for the Bwine F7GIM drone, covering remote controller operation, app interface, flight modes, parameters, and pairing. Learn how to fly and utilize advanced features.</p>
	<p>Bwine F7 Drone User Manual & Operating Instructions</p> <p>Comprehensive user manual and operating instructions for the Bwine F7 4K Camera Drone, covering package contents, product overview, technical specifications, remote controller operation, pre-flight preparation, flight operations, camera functions, maintenance, troubleshooting, safety guidelines, and warranty information.</p>
	<p>Bwine F7MINI Drone Quick Start Guide</p> <p>Concise guide to setting up and flying the Bwine F7MINI drone, covering app download, charging, pairing, calibration, takeoff, landing, and troubleshooting.</p>

[Bwine F7MINI User Manual](#)

Comprehensive user manual for the Bwine F7MINI drone, covering setup, flight operations, app usage, and troubleshooting. Learn about the aircraft's features, transmitter functions, and safety guidelines for an optimal flying experience.



[Bwine F7MINI Drone: Quick Start Guide & Safety Disclaimer](#)

Comprehensive guide for the Bwine F7MINI drone, covering setup, flight operations, safety precautions, and troubleshooting for adult users.