

E88

E88 Drone

USER MANUAL

Introduction

Thank you for choosing the E88 Drone with 4K UHD FPV Camera. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your drone. Please read this manual thoroughly before operating the drone to ensure proper usage and to maximize your flying experience.



Image: The E88 Drone in gray, showcasing its foldable design, 4K camera, and propellers. The image also displays the remote control, a battery, charging cable, spare blades, and propeller guards.

Package Contents

Please verify that all items listed below are included in your package:

- 1x E88 Drone
- 1x Remote Control
- 2x Rechargeable Batteries (1800mAh Lithium)
- 2x Spare Blades (Sets)
- 1x USB Charging Cable
- 1x Screwdriver
- 1x Protective Rack (Propeller Guards)
- 1x Portable Storage Bag
- 1x User Manual (this document)

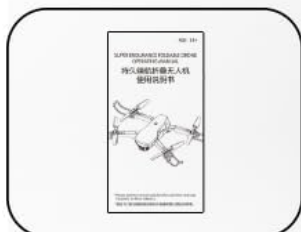
Hd dual cameras



Storage bag



Remote control unit



specification



Spare blade



screwdriver



Packing box



Battery *2

Image: A comprehensive view of the E88 Drone's package contents, including the drone, remote control, batteries, charging cable, screwdriver, and spare propellers.

HD dual camera/optical flow positioning



Intelligent aerial photography drone Hd dual camera shot

Optical flow
localization

Intelligent
following

Three speed
adjustment

Image: The E88 Drone in its folded state, alongside its remote control, batteries, and other accessories, neatly arranged within the portable storage bag.

Setup

1. Battery Installation

Drone Battery: Insert the fully charged 1800mAh lithium battery into the battery compartment on the back of the drone until it clicks into place. Ensure it is securely fastened.

Remote Control Batteries: Open the battery cover on the back of the remote control. Insert 3x AA batteries (not included) according to the polarity markings. Close the cover.

2. Propeller Installation (if detached)

If propellers are not pre-installed, attach them to the motor shafts. Ensure propellers with 'A' marking are installed on 'A' motor shafts and 'B' on 'B' motor shafts. Use the provided screwdriver to secure them. Attach the protective racks (propeller guards) for added safety, especially for beginners.

3. App Download and Connection

Download the official drone application (refer to the QR code in the quick start guide or search for "E88 FPV" in your app store).

Turn on the drone and then the remote control. On your smartphone, connect to the drone's Wi-Fi network (usually named "E88-XXXXXX"). Open the app to establish a connection and view the FPV feed.

4. Calibration

Place the drone on a flat, level surface. Perform gyroscope calibration by pushing both joysticks on the remote control to the bottom-right corner simultaneously until the drone's lights flash rapidly and then become solid. This ensures stable flight.

Operating Instructions

Basic Flight Controls

- **One-Key Take-off/Landing:** Press the one-key take-off/landing button on the remote control (or within the app) to automatically launch or land the drone.
- **Altitude Hold:** The drone features an altitude-hold function, allowing it to maintain a stable hover at a set height, making it easier to control and capture steady photos/videos.
- **Directional Control:** Use the left joystick for altitude (up/down) and rotation (left/right). Use the right joystick for forward/backward and left/right strafing movements.

DRONE

Gesture recognition

With just one gesture, you can go, take a picture or video



Image: Illustration demonstrating the one-click take-off and landing feature of the E88 Drone, simplifying operation for all skill levels.

Advanced Features

- **4K UHD FPV Camera:** The drone is equipped with a 4K wide-angle camera. Connect your smartphone to the drone's Wi-Fi to view real-time FPV (First Person View) footage and capture high-definition photos and videos directly to your device.
- **Optical Flow Positioning:** This feature enhances indoor and outdoor stability by accurately locking the target to achieve a stable hover, preventing blurry aerial shots.
- **Gesture Recognition:** Perform specific hand gestures (e.g., a "V" gesture) in front of the camera to trigger automatic photo taking or video recording.
- **Trajectory Flight:** Draw a custom flight path on the app screen, and the drone will automatically follow the designated route.
- **Three Speed Adjustment:** Adjust the flight speed (Fast/Medium/Slow) according to your skill level and environmental conditions for a more controlled and exciting flight experience.
- **360° Flip:** Execute impressive aerial stunts with the 360° flip function.

- **One-Key Return:** Press the one-key return button, and the drone will automatically fly back towards its take-off point.



Image: The E88 Drone in flight, highlighting its HD dual camera and optical flow positioning capabilities for stable aerial photography.

DRONE

Optical flow positioning hover Indoor and outdoor stability

Accurately lock the target to achieve hover
Prevent blurry aerial shots

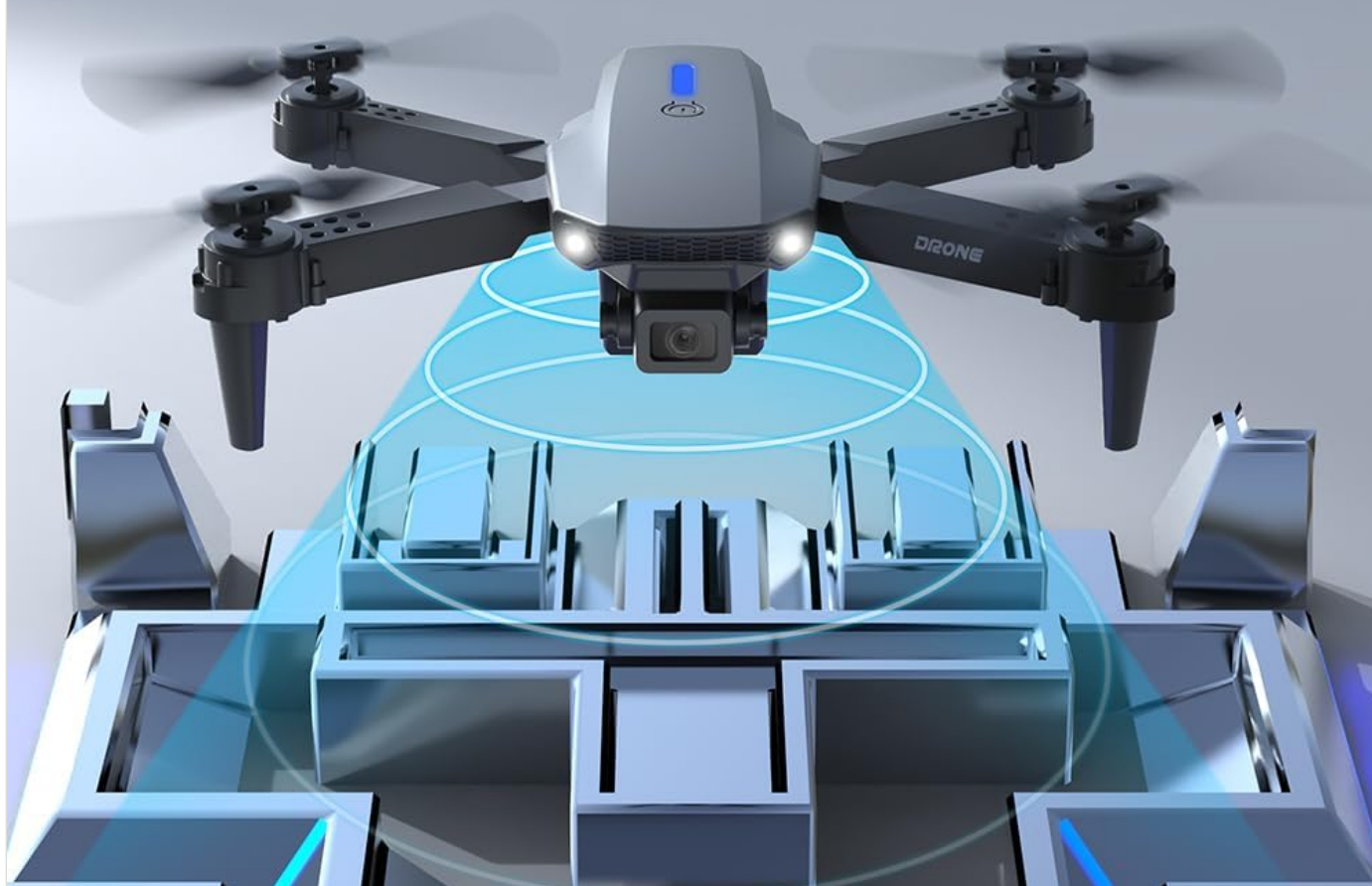


Image: The E88 Drone demonstrating its intelligent aerial photography features, designed for high-definition capture.

DRONE

Three speed adjustment A more exciting flight experience

Multiple flight speeds can be configured according to individual operating proficiency
Choose flight gear, safe and intimate, play more assured



Image: The E88 Drone maintaining a stable hover using its optical flow positioning system, ensuring clear and steady shots.

DRONE

Intelligent one-click control One click take off/land

One-click control makes flying easier
Even a novice can handle it quickly



Image: The E88 Drone illustrating its three-speed adjustment capability, allowing users to select flight speeds based on proficiency.

DRONE

Real-time image transmission Enjoy HD



Image: A visual representation of the drone's gesture recognition feature, enabling hands-free photo and video capture.

Real-time image transmission Enjoy HD



Image: The remote control with a smartphone mounted, demonstrating the real-time image transmission feature for an immersive FPV experience.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using liquid cleaners.
- **Propeller Replacement:** Inspect propellers regularly for damage. Replace any bent or broken propellers using the provided screwdriver and spare blades. Ensure correct 'A' and 'B' propeller placement.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If not used for extended periods, charge batteries to about 50% capacity.
- **Storage:** When not in use, fold the drone and store it in its portable carrying case to protect it from dust and damage.

Troubleshooting

Problem	Solution
Drone does not respond to remote control.	Ensure both drone and remote control are powered on and properly paired. Re-pair if necessary by turning both off and on, then pushing the left joystick up and down. Check battery levels.
Drone drifts during flight.	Perform gyroscope calibration on a flat surface. Adjust trim controls on the remote control if minor drifting persists.
FPV camera feed is not displayed in the app.	Ensure your smartphone is connected to the drone's Wi-Fi network. Restart the app and the drone. Check app permissions.
Short flight time.	Ensure batteries are fully charged before each flight. Battery performance may decrease over time; consider replacing old batteries.
Drone crashes frequently.	Practice in an open area. Ensure propellers are not damaged and are installed correctly. Check for strong winds. Use propeller guards.

Specifications

Feature	Detail
Model Name	E88
Color	Gray-4k Dual Lens
Material	Plastic / Metal / Electronic Components
Frequency	2.4G
Channel	4CH
Video Capture Resolution	4K UHD (120° wide-angle lens)
Connectivity Technology	Wi-Fi
Drone Battery Capacity	1800mAh Lithium (1.5V)
Flight Time (single battery)	Up to 12-15 minutes
R/C Distance	60-80 meters
Image Transmission Distance	40-60 meters (196-292 feet via APP)
Charging Mode	USB charging cable
Remote Control Battery	3x AA Battery (NOT Included)
Folded Product Size	12.5 x 8 x 5.5 cm (4.9 x 3.15 x 2.16 in)
Unfolded Product Size	25 x 20 x 5.5 cm (9.84 x 7.87 x 2.16 in)

Feature	Detail
Item Weight	300g / 0.66lb (Drone only)
Skill Level	Beginner

Warranty and Support

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or inquiries regarding replacement parts, please contact the seller or manufacturer through the platform where the product was purchased. Provide your order number and a detailed description of the issue for prompt assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question