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› le-idea37 GPS Drone User Manual

le-idea IDEA37

le-idea37 GPS Drone User Manual

Model: IDEA37

INTRODUCTION

This manual provides detailed instructions for the safe operation, maintenance, and troubleshooting of your le-idea37 GPS Drone. Please read this manual thoroughly before operating the drone to ensure proper usage and to maximize your flight experience.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- le-idea37 GPS Drone
- Remote Control
- 7.4V 2200mAh Drone Batteries (2 included)
- USB Charging Cable
- Spare Propellers (set of 4)
- Screwdriver
- User Manual (this document)
- Carrying Case



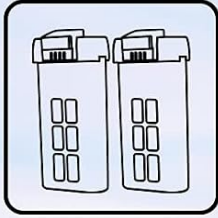
Image: The le-idea37 GPS Drone, remote control, two batteries, spare propellers, charging cable, screwdriver, and carrying case.

SETUP GUIDE

1. Charging the Batteries

Before first use, fully charge both drone batteries and the remote control. Connect the USB charging cable to a compatible USB power adapter (not included) and then to the battery/remote.

- Drone Battery: Approximately 3-4 hours for a full charge.
- Remote Control: Approximately 2 hours for a full charge.



2 BATTERIES | DOUBLE LOCK 50MINS



Image: Two 7.4V 2200mAh drone batteries, which provide up to 52 minutes of flight time combined.

2. Installing Drone Batteries

Insert the fully charged drone battery into the battery compartment on the rear of the drone until it clicks securely into place.

3. Preparing the Remote Control

Ensure the remote control is fully charged. Extend the phone holder and antennas. Power on the remote control.

4. Installing Propellers

Attach the propellers to the corresponding motor shafts. Ensure correct propeller type (A or B) is matched to the motor. Use the provided screwdriver to secure them.

5. App Installation and Connection

Download the official le-idea drone application from your device's app store. Power on the drone and connect your smartphone to the drone's Wi-Fi network (5GHz FPV). Open the app to establish connection.

EIS 4K Camera with 2 Axis Gimbal



ELECTRONIC IMAGE STABILIZATION

Camera can be 90 degree moved by remote or APP

Image: The remote control with a smartphone mounted, showing the live 5GHz FPV transmission from the drone's camera.

Your browser does not support the video tag.

Video: An official le-idea video demonstrating the drone's features, including the 2-axis gimbal, EIS, brushless motor, and various flight modes. This video is provided by the seller.

OPERATING INSTRUCTIONS

Pre-Flight Checklist

- Ensure batteries are fully charged.
- Propellers are correctly installed and secure.
- Drone and remote control are paired.

- GPS signal is acquired (indicated by solid green lights on drone).
- Fly in an open area, free from obstacles and interference.
- Check local drone regulations before flying.

Take-off and Landing

- **One-Key Take-off:** Press the one-key take-off button on the remote or in the app. The drone will automatically ascend to a safe height.
- **Manual Take-off:** Push both joysticks down and outwards to start the motors. Slowly push the left joystick up to ascend.
- **One-Key Landing:** Press the one-key landing button. The drone will descend and land automatically.
- **Manual Landing:** Slowly pull the left joystick down to descend. Once landed, push both joysticks down and inwards to stop the motors.



Image: The le-idea37 drone performing a one-key take-off from a designated landing spot.

Flight Modes and Features

- **GPS Positioning:** The drone utilizes GPS for precise positioning and stable hovering. Ensure sufficient GPS satellites are acquired before flight.
- **Auto Return Home (RTH):**
 - **One-Key RTH:** Press the RTH button on the remote or app.
 - **Low Power RTH:** Drone automatically returns when battery is low.
 - **Lost Control RTH:** Drone automatically returns if signal is lost.



Image: The drone demonstrating its Auto Return Home function, flying back to its take-off point over a beach.

- **Follow Me Mode:** The drone will automatically follow the remote control or the connected smartphone, recording your movements.
- **Surround Mode:** The drone will circle a designated point of interest, capturing panoramic video.
- **Waypoint Flight:** Plan a custom flight path on the app map, and the drone will fly along the specified route.
- **Gesture Control:** Perform specific hand gestures to trigger photo or video recording.

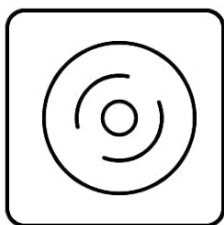
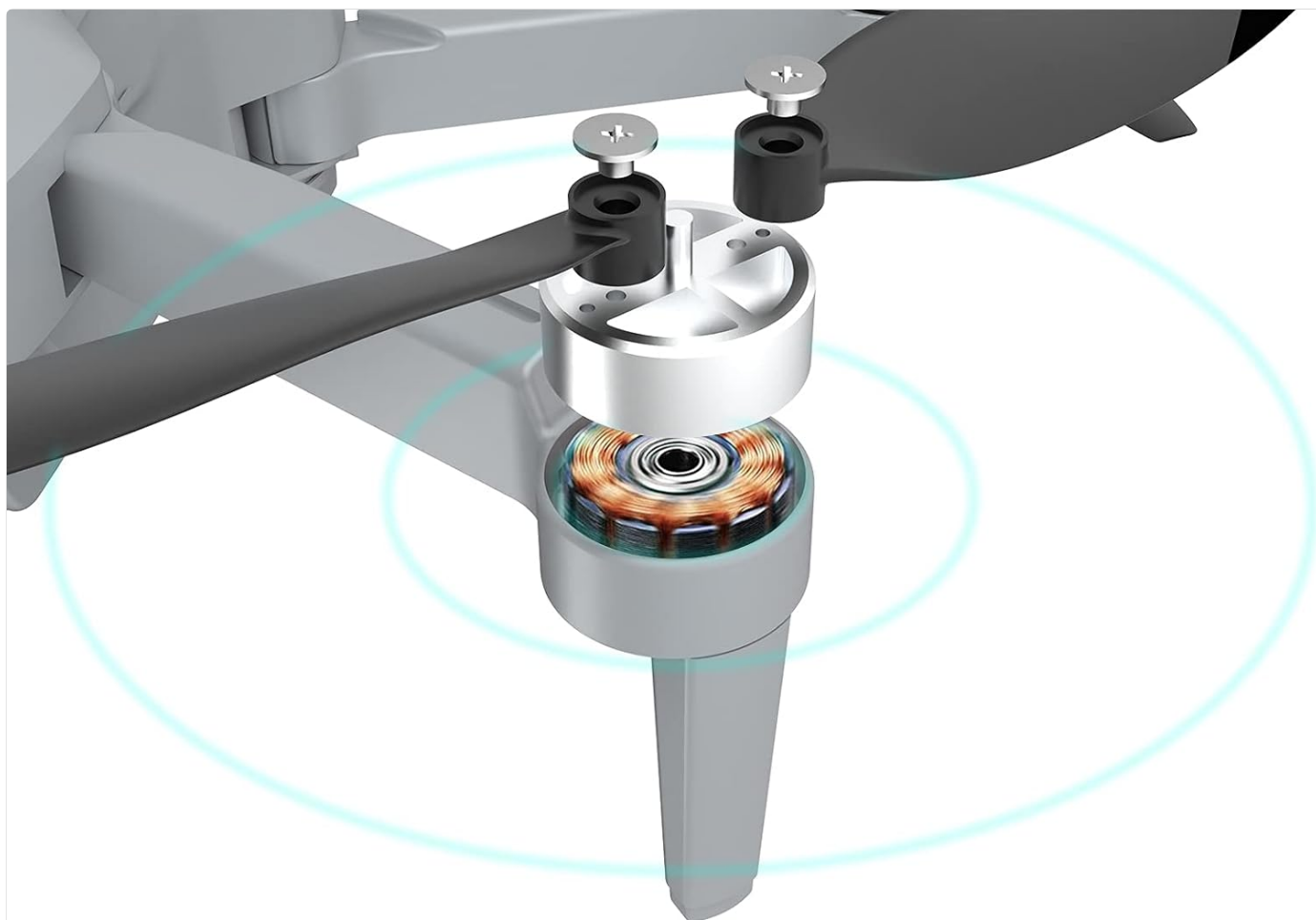


Image: A person using gesture control to interact with the le-idea37 drone, likely for photo capture.

Camera Operation

The le-idea37 features a 4K camera with a 2-axis gimbal and Electronic Image Stabilization (EIS) for clear images and stable 2.5K video. The camera lens can be adjusted from 0 to 90 degrees via the remote or app.

- **Photo/Video:** Use the dedicated buttons on the remote or controls in the app to capture photos or start/stop video recording.
- **SD Card:** Insert a Micro SD card (up to 64GB, not included) into the drone for storing high-resolution photos and videos.



BRUSHLESS MOTOR

**Continuously working 100000+ hours!
More quiet, Low noisy**

Image: A detailed view of the drone's camera system, highlighting the 2-axis gimbal and Electronic Image Stabilization (EIS) for enhanced image clarity.

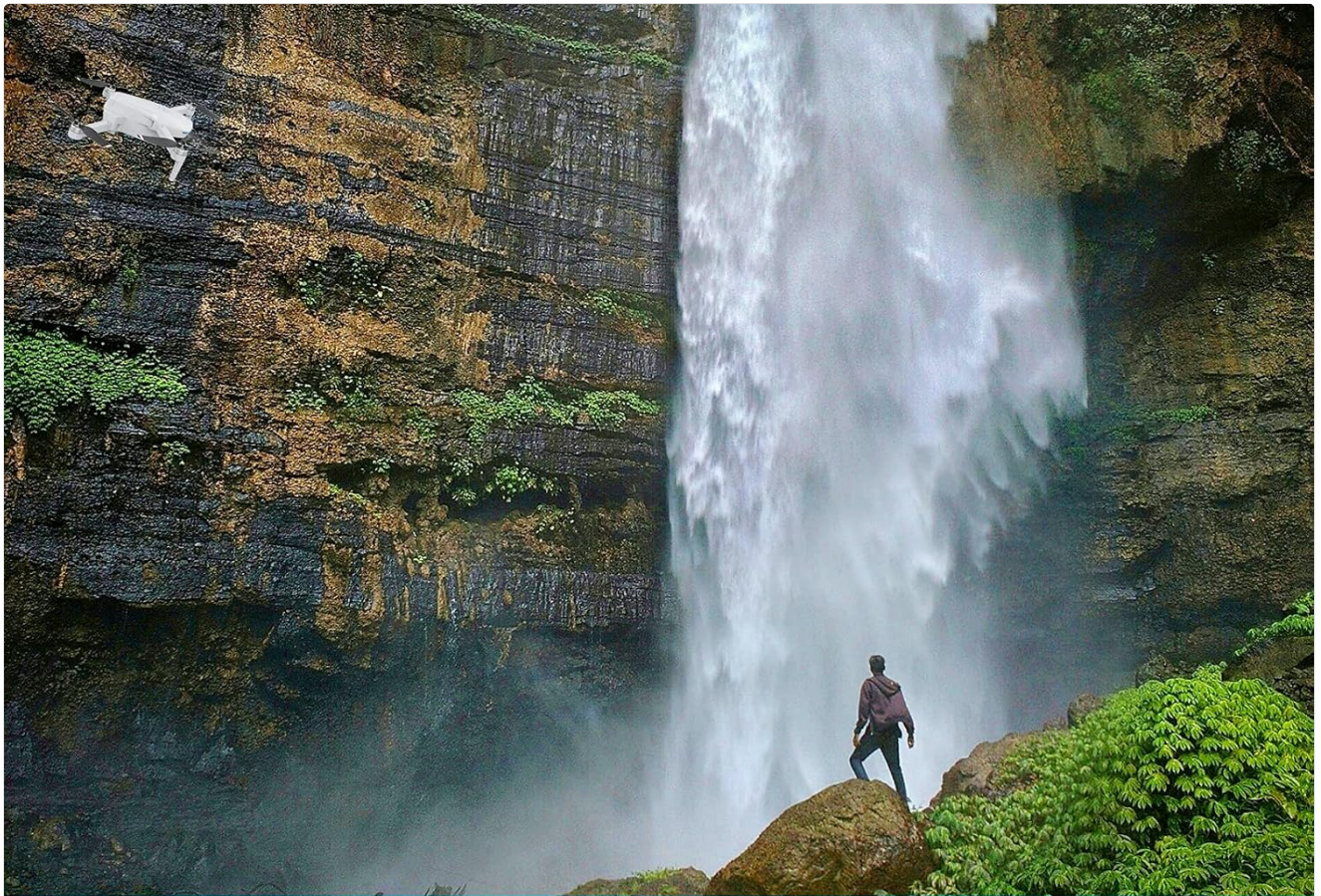
MAX SD CARD 64G



Image: A Micro SD card being inserted into the designated slot on the le-idea37 drone, supporting up to 64GB for media storage.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote control after each use. Avoid using harsh chemicals.
- **Propeller Inspection:** Regularly check propellers for any damage (cracks, bends). Replace damaged propellers immediately using the provided spares and screwdriver.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If storing for extended periods, charge to approximately 50-60%.
- **Motor Care:** The brushless motors are designed for durability. Keep them free from dust and debris.



5GHZ FPV REAL-TIME TRANSMISSION

BETTER TRANSMISSION SPEED ON PHONE AND STRONGER SIGNAL



Image: A close-up view of the drone's powerful brushless motor, designed for quiet and long-lasting operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Battery not inserted correctly or discharged.	Ensure battery is fully charged and securely inserted.
No GPS signal / Unstable flight	Flying indoors or near tall structures/interference.	Fly in an open outdoor area. Wait for sufficient GPS satellites to connect (solid green lights).
App connection issues	Incorrect Wi-Fi connection or app malfunction.	Ensure phone is connected to the drone's 5GHz Wi-Fi. Restart app and drone.
Poor camera image/video quality	Lens dirty, gimbal obstructed, or no SD card.	Clean lens. Ensure gimbal moves freely. Insert a high-speed Micro SD card.

Problem	Possible Cause	Solution
Drone drifts during flight	Calibration needed or strong wind.	Perform gyroscope and compass calibration as per app instructions. Avoid flying in strong winds.

SPECIFICATIONS

Brand: le-idea

Model Name: le-idea37

Special Features: 2-axis gimbal, EIS, GPS, automatic return home, brushless motor

Video Capture Resolution: 4K (images), 2.5K (video)

Connectivity Technology: Wi-Fi (5GHz FPV)

Flight Time: Up to 52 minutes (with 2 batteries)

Battery Capacity: 7.4V 2200mAh (Lithium Polymer)

Maximum Range: 650 Meters (FPV transmission)

Item Weight: 258 Grams (less than 249g for regulatory purposes)

Product Dimensions: 7.48"L x 5.91"W x 1.97"H (folded)

Media Type: Micro SD (up to 64GB)

Skill Level: Beginner

WARRANTY AND SUPPORT

le-idea provides a 90-day warranty service for this product. If you encounter any issues during the operation of your drone, please contact le-idea customer support for assistance.

For further support, visit the official le-idea store:[le-idea Store on Amazon](#)

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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