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TWSYOXPR dongguanshijianyingbaihuoshanghang

E99 K3 Pro 4K Drone User Manual

Model: dongguanshijianyingbaihuoshanghang | Brand: TWSYOXPR

INTRODUCTION

This manual provides detailed instructions for the safe operation, setup, and maintenance of your E99 K3 Pro 4K Drone. Please read this manual thoroughly before operating the drone to ensure proper use and to prevent damage or injury. The E99 K3 Pro is a foldable quadcopter equipped with dual cameras, obstacle avoidance, and WiFi FPV capabilities, designed for both novice and experienced pilots.

PACKAGE CONTENTS

Upon unboxing, please verify that all the following components are included:

- Drone * 1
- Remote control * 1
- Battery * 1 (3.7V 1800mAh)
- Spare Propellers * 2 pairs (4 individual maple leaves)
- USB charging cable * 1
- Screwdriver * 1
- User Manual * 1

SAFETY INFORMATION

Adhering to safety guidelines is crucial for preventing accidents and ensuring the longevity of your drone. Always operate the drone responsibly.

- **Pre-Flight Check:** Always inspect the drone, propellers, and battery before each flight. Ensure no parts are damaged.
- **Environmental Conditions:** Do not fly in strong winds, rain, snow, or fog. Avoid flying near crowds, buildings, or high-voltage lines.
- **Battery Safety:** Use only the provided charging cable and battery. Do not overcharge or puncture the battery. Discontinue use if the battery is damaged or swollen.

- **Propeller Safety:** Keep hands, face, and loose clothing away from rotating propellers. Ensure propellers are securely attached before flight.
- **Line of Sight:** Always maintain visual line of sight with your drone during flight.
- **Age Recommendation:** This product is recommended for adult use.

PRODUCT FEATURES

The E99 K3 Pro drone is designed with advanced features for an enhanced flying and photography experience:

- **Dual-Camera System:** Supports free switching between single and dual cameras (front and bottom) for diverse shooting angles and scenarios.
- **Foldable and Portable Design:** Compact dimensions (12.5 * 8.1 * 5.3CM when folded) and lightweight for easy transport in the included storage bag.
- **Intelligent Control:** Features one-click takeoff/landing, headless mode, trajectory flight, and gravity sensing for intuitive operation.
- **Stable Flight:** Equipped with a six-axis gyroscope and height fixation function for smooth and stable hovering, even in moderate wind conditions.
- **Extended Control Range:** Remote control distance of approximately 100 meters.
- **Fun Features:** Supports gesture photography and automatic photography for hands-free operation and creative shots.
- **Long Endurance Battery:** The 3.7V 1800mAh battery provides 8 to 12 minutes of flight time, with convenient USB charging.



Image: The E99 K3 Pro drone in its unfolded state, showcasing its compact and ready-to-fly design.

HD DUAL CAMERA OPTICAL FLOW POSITIONING

INTELLIGENT AERIAL PHOTOGRAPHY DRONE
HIGH DEFINITION DUAL CAMERA SHOOTING



OPTICAL FLOW
LOCALIZATION

INTELLIGENT FOLLOW

THIRD GEAR SPEED
ADJUSTMENT

Image: The E99 K3 Pro drone in flight, demonstrating its HD Dual Camera and Optical Flow Positioning capabilities for stable aerial photography.

SETUP GUIDE

1. Battery Installation and Charging

1. Insert the 3.7V 1800mAh battery into the drone's battery compartment. Ensure it clicks securely into place.
2. Connect the USB charging cable to the drone's charging port and then to a USB power source (e.g., computer, USB wall adapter).
3. The charging indicator light will show the charging status. Once fully charged, disconnect the cable. Charging typically takes 60-80 minutes.

Modular large battery

20 minutes of long endurance and enjoy flying

High quality polymer cell supports 20 minutes of battery life. Reliable battery technology for safe use.

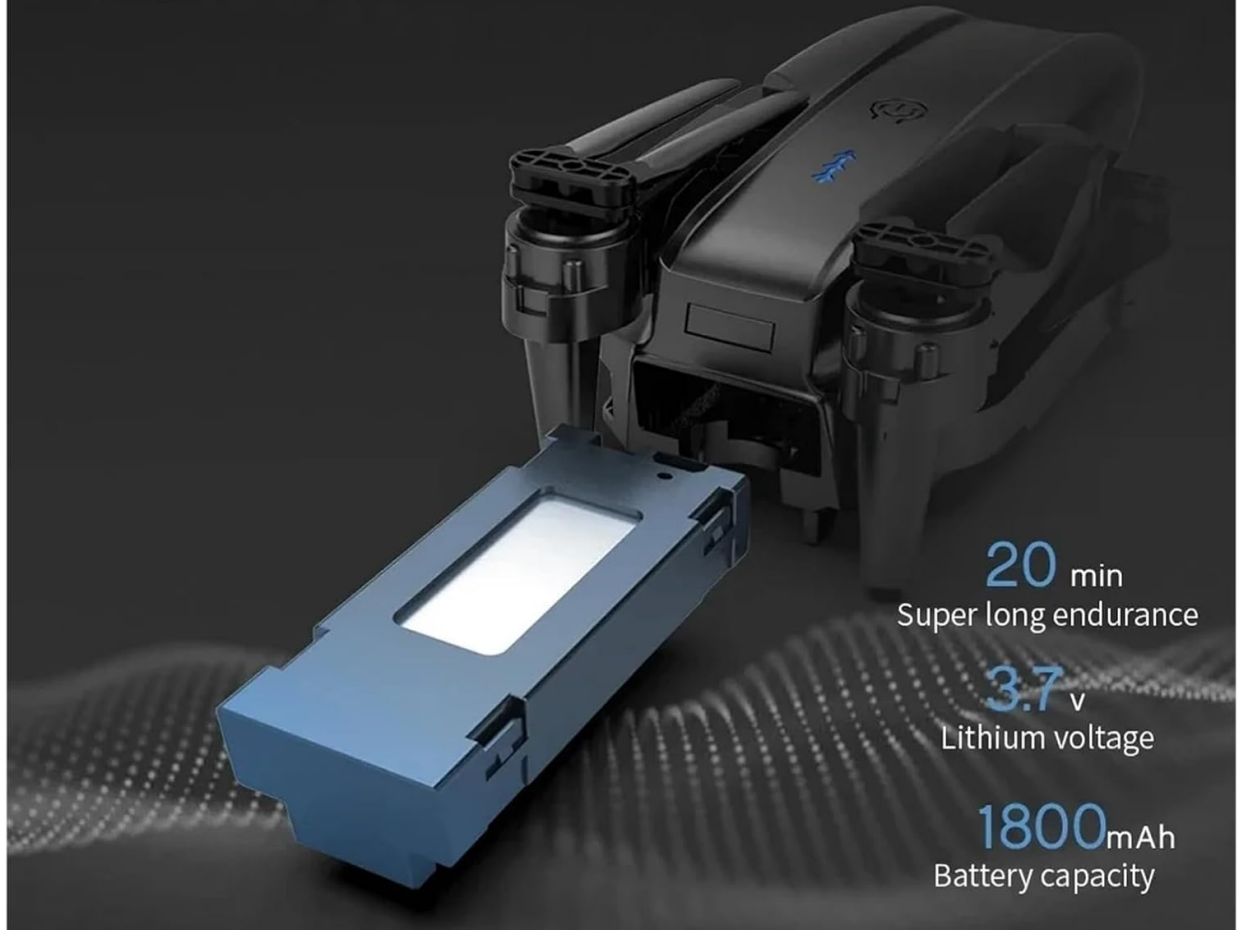


Image: The modular battery for the E99 K3 Pro drone, highlighting its easy installation and 1800mAh capacity.

2. Propeller Installation

The drone comes with pre-installed propellers. If replacement is needed:

1. Identify the correct propeller type (A or B) for each motor arm. Propellers are typically marked.
2. Align the propeller with the motor shaft and press down firmly until it is securely seated.
3. Ensure all propellers rotate freely without obstruction.

3. Remote Control Setup

1. Install 3x AAA batteries (not included) into the remote control's battery compartment.
2. Turn on the remote control.
3. Turn on the drone. The drone's indicator lights will flash.
4. Push the left joystick on the remote control up and then down. The drone's lights will become solid, indicating successful pairing.

4. App Connection (WiFi FPV)

1. Download the designated drone control app from your smartphone's app store (refer to the QR code in

the included manual or search for the app name).

2. Turn on the drone.
3. On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (usually named something like 'WIFI-UFO' or similar).
4. Open the drone control app. You should see the live video feed from the drone's camera.

OPERATING INSTRUCTIONS

1. Pre-Flight Checklist

- Ensure drone battery is fully charged.
- Ensure remote control batteries are installed.
- Check that all propellers are securely attached and undamaged.
- Perform drone and remote control pairing.
- Ensure you are in an open, safe area free from obstacles, people, and animals.

2. Takeoff and Landing

- **One-Key Takeoff:** After pairing, place the drone on a flat surface. Press the one-key takeoff button on the remote control (or in the app). The drone will automatically ascend to a stable hovering height.
- **Manual Takeoff:** Push both joysticks down and outwards simultaneously to arm the motors. Then, slowly push the left joystick up to ascend.
- **One-Key Landing:** Press the one-key landing button. The drone will automatically descend and land gently.
- **Manual Landing:** Slowly pull the left joystick down to descend. Once landed, push both joysticks down and inwards to disarm the motors.

3. Flight Controls

The remote control typically uses a standard mode 2 configuration:

- **Left Joystick (Throttle/Yaw):**
 - Up/Down: Ascend/Descend
 - Left/Right: Rotate Left/Right (Yaw)
- **Right Joystick (Pitch/Roll):**
 - Up/Down: Fly Forward/Backward (Pitch)
 - Left/Right: Fly Left/Right (Roll)
- **Headless Mode:** Activates a mode where the drone's orientation is relative to the pilot, simplifying control regardless of the drone's front direction.
- **Trajectory Flight:** Draw a path on your smartphone screen in the app, and the drone will follow it.
- **Gravity Sensing:** Control the drone's movement by tilting your smartphone (requires app connection).

4. Camera Operation

The E99 K3 Pro features a 4K HD front camera and a bottom camera for versatile aerial photography.

- **Switching Cameras:** Use the dedicated button on the remote control or within the app to switch between the front and bottom cameras.
- **Photo/Video Capture:** Press the photo button to take a still image or the video button to start/stop

recording. Files are saved to your connected smartphone or an inserted SD card (if applicable).

- **50x Zoom:** Utilize the digital zoom function via the remote control or app to magnify distant scenes.

4K HD CAMERA

Easy to switch angle of view & More diverse shooting



Image: Detailed view of the drone's 4K HD front camera and the additional bottom camera, illustrating the dual-camera system.

50x zoom shooting

1-50x zoom, fearless high-altitude vision

The lens adopts a new generation of lens zoom technology,
The remote control can enlarge and shoot the scene in the distance,
So that you can see further and more clearly in place.



Image: The drone's 50x zoom capability is shown, allowing for detailed capture of distant subjects like a surfer from high altitude.

5. Stunt Mode (360° Flip)

To perform a 360-degree stunt:

1. Fly the drone to a height of at least 3 meters.
2. Press the 360° flip button on the remote control.
3. Immediately push the right joystick in the desired direction (forward, backward, left, or right). The drone will perform a flip in that direction.

360 ° stunt show

One button easy performance, cool operation

One click to easily perform 360 degree stunts in the airRolling action, no cumbersome control.



Image: The drone executing a 360-degree stunt, demonstrating its agile flight capabilities.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your drone.

- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lenses. Avoid using harsh chemicals.
- **Propeller Care:** Inspect propellers for cracks or damage before each flight. Replace any damaged propellers immediately using the provided screwdriver and spare parts.
- **Battery Storage:** If storing the battery for an extended period, ensure it is charged to approximately 50-60%. Store in a cool, dry place away from direct sunlight.
- **Motor Inspection:** Periodically check motors for any debris or hair that might impede rotation.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Drone does not respond to remote control.	Not paired; low battery (drone or remote); out of range.	Re-pair drone and remote. Charge drone battery. Replace remote control batteries. Fly within specified range.
Drone drifts during flight.	Not calibrated; uneven surface at takeoff; wind interference.	Perform gyroscope calibration on a flat surface. Fly in calm conditions.
Camera feed is choppy or disconnected.	Weak Wi-Fi signal; too far from drone; interference.	Ensure strong Wi-Fi connection. Fly closer to the drone. Avoid areas with high Wi-Fi interference.
Propellers do not spin.	Motors not armed; obstruction; damaged motor/propeller.	Arm motors (joysticks down and out). Check for obstructions. Replace damaged propellers.
Short flight time.	Battery not fully charged; old battery; aggressive flying.	Ensure battery is fully charged. Consider replacing old batteries. Fly more conservatively.

SPECIFICATIONS

Key technical specifications for the E99 K3 Pro 4K Drone:

Feature	Specification
Brand	TWSYOXPR
Model Name	dongguanshijianyingbaihuoshanghang
Color	Orange-dc-4k-1b
Drone Weight	Approximately 50 Grams (1.76 ounces)
Product Dimensions (Folded)	12.5 * 8.1 * 5.3 CM (approximate)
Battery Capacity	3.7V 1800mAh
Flight Time	8-12 minutes
Remote Distance	Approximately 100 meters
Camera Integration	Cameras are included (Dual Camera)
Maximum Video Resolution	4K (4096*2160)
Video Format	MP4
Aircraft Operating Frequency	2.4GHz
Control Channels	4 Channels
Connection	APP controller, remote control, Wi-Fi connection
GPS	None

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your product packaging or visit the official TWSYOXPR website. Keep your purchase receipt as proof of purchase for any warranty claims.

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