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> Yoidesu KY908 Mini RC Drone User Manual

Yoidesu KY908

Yoidesu KY908 Mini RC Drone User Manual

Model: KY908 | Brand: Yoidesu

1. INTRODUCTION

Thank you for choosing the Yoidesu KY908 Mini RC Drone. This manual provides essential information for safe operation and optimal performance of your drone. Please read it thoroughly before use and retain it for future reference.



Figure 1: Yoidesu KY908 Mini RC Drone with accessories.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1x Yoidesu KY908 Mini RC Drone
- 1x Remote Control
- 1x 3.7V 800mAh Lithium Battery (for drone)
- 1x Screwdriver
- 1x USB Charging Cable
- 4x Spare Wind Blades (Propellers)
- 4x Protection Stands (Propeller Guards)
- 1x Instruction Manual

Package List



Drone + Remote Control



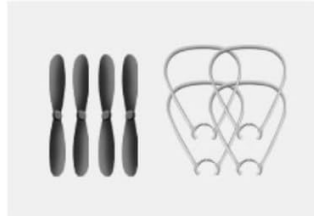
Body Battery*1



Screwdriver*1



USB Charging Cable *1



Wind Blade *4
+Protection Stand*4



Instruction Manual



Figure 2: Package contents of the KY908 drone.

3. PRODUCT FEATURES

- **4K HD Aerial Photography:** Equipped with a 4K camera (4 times the resolution of 1080P HD) for superior clarity and light sensitivity. Features 45-degree manual adjustment and a 120-degree wide-angle lens.
- **Beauty and Filter Function:** Enhance your photos and videos with powerful beauty support and multiple filters directly from the app.
- **Intelligent Hovering:** Maintains stable flight, acting as an anti-shake mechanism for clear aerial photography.
- **Track Setting:** Draw a desired flight path on the app, and the drone will automatically follow the ordered waypoints.
- **50x Zoom:** New generation lens zoom technology allows up to 50x zoom via remote control for capturing intricate details.
- **Gesture Photography:** Perform specific gestures towards the drone camera to trigger photo or video capture.
- **360-degree Stunt Roll:** Execute dazzling aerial stunts with a single key press on the remote control.
- **Foldable Design:** Compact and portable for easy storage and transport.

KY908

Mini RC Drone for Beginners

Pocket RC Drone Toys with 4K Camera



Figure 3: The KY908 drone highlighting its 4K camera.

4. SETUP

4.1 Battery Installation & Charging

1. Insert the 3.7V 800mAh lithium battery into the drone's battery compartment. Ensure it clicks securely into place.
2. Connect the USB charging cable to the battery and a suitable USB power source (e.g., computer, USB adapter).
3. The charging time for the drone's battery is approximately 60 minutes.
4. For the remote control, insert 3 AA batteries (not included) into the designated compartment.

Simple Operation



One-Touch Take off/ Landing/ Return

You can realize one-button take-off, landing and return flight through the remote control, without cumbersome control.



Cell Phone Control

The drone can be fully controlled by cell phone, which is simpler and more convenient.



Headless Mode

In headless mode, no need to recognize the direction of flight, making it easier for novices to fly.



Modular Battery

Modular lithium battery design, easy to install and remove, 15 minutes long battery life, so you can play to your heart's content.

Figure 4: Modular battery design for convenient charging and replacement.

4.2 Remote Control Setup

1. Power on the drone by long-pressing its power button. The drone's indicator lights will flash, indicating it's in pairing mode.
2. Power on the remote control by pressing its power button. The remote control will automatically sync with

the drone. The drone's lights will become solid once paired.



Figure 5: Remote control layout with labeled buttons.

4.3 App Connection (for FPV and advanced features)

1. Download the dedicated drone app from your smartphone's app store (Android or iOS).
2. Ensure the drone is powered on.
3. On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (usually named something like "KY908_XXXX").
4. Open the drone app. You should see a live feed from the drone's camera.

Wifi HD Image Transfer

Smooth! No Lag!

Instantly watch the drone through your cell phone brings you a wonderful view from afar.



Figure 6: App interface for Wi-Fi HD image transfer.

5. OPERATING INSTRUCTIONS

5.1 Takeoff and Landing

1. Place the drone on a flat, open surface.
2. Press the One-Touch Takeoff/Landing button on the remote control (or in the app) to initiate automatic takeoff. The drone will hover a few feet above the ground.
3. To land, press the One-Touch Takeoff/Landing button again. The drone will automatically descend and land.

5.2 Flight Controls

- **Left Joystick:** Controls altitude (up/down) and rotation (left/right).
- **Right Joystick:** Controls forward/backward and left/right movement.
- **Headless Mode:** Activates a mode where the drone's orientation is relative to the pilot, simplifying control for beginners.

5.3 Special Features

- **Gesture Control:** While flying, make specific hand gestures towards the drone's camera to take photos or videos.
- **Stunt Roll:** Press the dedicated stunt roll button on the remote control to perform a 360-degree aerial flip.
- **Track Setting:** Use the app to draw a custom flight path, and the drone will follow it automatically.



Smart Hover

Beginner Getting Started in seconds

Intelligent hovering effectively keeps the aircraft smooth in flight! It acts as an anti-shake function to prevent blurring of aerial photos.



Figure 7: Intelligent hovering feature for stable flight.

Trajectory Pointing

Draw how you want to fly!

Tap on the app and point to the desired flight path. The drone will instantly follow the waypoints and the drone will instantly follow the waypoints.



Figure 8: Drone following a user-defined flight trajectory.

6. CAMERA OPERATION

- The drone features a 4K HD camera with 45-degree manual adjustment and a 120-degree wide-angle lens.
- To take photos, briefly press the photo button on the remote control or tap the camera icon in the app.
- To record videos, long-press the video button on the remote control for more than one second or tap the video icon in the app.
- Utilize the 50x zoom feature via the remote control for detailed shots.
- Apply beauty and filter functions through the app for enhanced photography.

For optimal photo and video quality, ensure a stable flight using the intelligent hovering feature.

7. MAINTENANCE

- Regularly inspect propellers for damage. Replace any damaged propellers using the provided screwdriver and spare blades.
- Keep the drone and remote control clean and free from dust and debris. Use a soft, dry cloth.
- Store the drone in its carrying case when not in use to prevent damage.
- Ensure batteries are fully charged before each flight for optimal performance.

8. TROUBLESHOOTING

- **Drone not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Remote control not pairing:** Make sure both the drone and remote control are powered on and within range. Re-attempt the pairing process.
- **No live video feed:** Verify that your smartphone is connected to the drone's Wi-Fi network and that the app has necessary permissions.
- **Unstable flight:** Ensure propellers are not damaged and are correctly installed. Perform calibration if available in the app or manual.
- **Short flight time:** Ensure the battery is fully charged. Flight time can be affected by wind conditions and aggressive flying.

9. SPECIFICATIONS

Feature	Detail
Product Model	KY908
Product Material	ABS Plastic
Product Frequency	2.4G
Body Size	Approx. 15.5 x 15.5 x 6.5 cm (6.1"L x 6.1"W x 2.6"H)
Item Weight	14.8 ounces
Fuselage Battery Capacity	3.7V 800mAh lithium battery
Flight Time	About 15 minutes
Fuselage Charging Time	60 minutes
Remote Control Batteries	3 AA batteries (not included)
Remote Control Distance	100 meters
Video Resolution	2048x1080 (4K)
Image Resolution	4096x2160
Age Range (Description)	14 years old and above

10. SAFETY GUIDELINES

- Always fly in open areas, away from people, animals, buildings, and trees.
- Do not fly in strong winds or adverse weather conditions.
- Keep the drone within your line of sight at all times.
- Ensure all propellers are securely attached before each flight.
- Do not touch the propellers while they are spinning.
- Supervise children during drone operation.
- Do not overcharge batteries.

11. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the product packaging or visit the official Yoidesu website. Keep your purchase receipt as proof of purchase.

For additional product information, you may visit the [Yoidesu Store on Amazon](#).

12. OFFICIAL PRODUCT VIDEO

Watch this video for a quick overview of the Yoidesu KY908 Mini RC Drone's features and basic operation.

Your browser does not support the video tag.

Video 1: Yoidesu KY908 Mini RC Drone for Beginners 4 Axis Foldable (Source: Licavuy-US, Seller)