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› Visuo XS809S Selfie Foldable Wide Angle WiFi 2MP HD Camera Drone User Manual

Goolsky XS809S

Visuo XS809S Selfie Foldable Wide Angle WiFi 2MP HD Camera Drone

User Instruction Manual

1. INTRODUCTION

Thank you for purchasing the Visuo XS809S Selfie Foldable Wide Angle WiFi 2MP HD Camera Drone. This drone is designed for both beginners and intermediate users, offering a fun and intuitive flying experience. Its foldable design ensures portability, while features like Altitude Hold and Headless Mode simplify control. The integrated 2MP HD camera provides real-time video feed via WiFi, allowing for immersive aerial photography and videography. Please read this manual thoroughly before operating the drone to ensure safe and optimal performance.



Image: The Visuo XS809S drone in its unfolded state, alongside its remote controller with a smartphone holder, and two spare batteries. The drone is black with gold accents and propeller guards.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety guidelines:

- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years of age.
- Always operate the drone in open, clear areas, away from people, animals, and obstacles.
- Do not fly near airports, power lines, or other restricted airspace.
- Ensure the drone's battery is fully charged before each flight.
- Do not touch the propellers when they are spinning.
- Avoid flying in strong winds or adverse weather conditions.
- Supervise children during operation.
- Turn off the drone and controller when not in use.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Visuo XS809S Foldable Drone
- Remote Controller
- Rechargeable Drone Battery (Quantity may vary, typically 1-2)
- USB Charging Cable
- Spare Propellers (4 pieces)
- Propeller Guards (4 pieces)
- Screwdriver
- User Manual (this document)



Image: All components included in the Visuo XS809S drone package, laid out neatly. This includes the drone, remote controller, user manual, USB charging cable, spare propellers, propeller guards, and a small screwdriver.

4. COMPONENTS OVERVIEW

4.1 Drone Components

- **Foldable Arms:** Allow for compact storage and transport.
- **Propellers:** Generate lift for flight.
- **Propeller Guards:** Protect propellers from impact.
- **2MP HD Camera:** Captures photos and videos, provides FPV feed.
- **Battery Compartment:** Houses the drone's rechargeable battery.
- **LED Lights:** Indicate drone status and orientation.



Image: The Visuo XS809S drone flying against a sky background, highlighting its 2MP wide-angle camera and foldable design.

4.2 Remote Controller Components

- **Left Joystick (Throttle/Yaw):** Controls altitude and rotation.
- **Right Joystick (Direction):** Controls forward, backward, left, and right movement.
- **Power Button:** Turns the controller on/off.
- **One-Key Return Button:** Initiates automatic return to takeoff point.
- **Headless Mode Button:** Activates headless flight.

- **Speed Switch Button:** Toggles between different flight speeds.
- **Photo/Video Button:** Captures images or starts/stops video recording.
- **Smartphone Holder:** Secures your smartphone for FPV viewing.



Image: The remote controller with a smartphone mounted, showing the WiFi FPV capability, allowing the user to see what the drone's camera sees in real-time.

5. SETUP

5.1 Battery Installation and Charging

1. **Drone Battery:** Insert the rechargeable battery into the drone's battery compartment until it clicks into place.
2. **Charging:** Connect the drone battery to the USB charging cable, then plug the USB cable into a USB power source (e.g., computer, USB wall adapter). The indicator light on the USB cable will show charging status. Charge time is approximately 60-90 minutes.
3. **Controller Batteries:** Open the battery compartment on the back of the remote controller and insert 3 x AA batteries (not included), observing correct polarity. Close the compartment.

5.2 Propeller Guard Installation

Attach the four propeller guards to the drone's arms by snapping them into the designated slots. This provides protection during collisions.

5.3 Folding/Unfolding the Drone

To unfold the drone, gently extend each arm outwards until it locks into position. To fold, press the release mechanism (if present) or gently fold the arms inwards until they are compact.



Image: The Visuo XS809S drone in its folded configuration, demonstrating its portability and compact design.

5.4 App Installation and Connection (WiFi FPV)

1. Download the "XSW UFO" or "VISUO" app from your smartphone's app store (iOS App Store or Android Google Play Store).
2. Turn on the drone. The drone's WiFi signal will become active.
3. On your smartphone, go to WiFi settings and connect to the network named "WiFi FPV_XXXXXX" (the exact name may vary).
4. Open the installed app. You should see the live video feed from the drone's camera.

APP CONTROL WITH GRAVITY SENSOR FUNCTION

You can get full control of the drone with your cell phone and simply by tilting your phone.



Image: A smartphone screen showing the drone control application, illustrating the gravity sensor function where tilting the phone controls the drone's movement.

6. OPERATING INSTRUCTIONS

6.1 Pairing the Drone and Controller

1. Place the drone on a flat, level surface.
2. Turn on the drone. The LED lights will flash.
3. Turn on the remote controller.
4. Push the left joystick (throttle) all the way up, then all the way down. The drone's LED lights will stop flashing and become solid, indicating successful pairing.

6.2 Gyro Calibration

After pairing, perform a gyro calibration for stable flight. Push both joysticks down and to the right simultaneously. The drone's lights will flash rapidly and then become solid, indicating calibration is complete.

6.3 Taking Off and Landing

- **Manual Takeoff:** Push both joysticks down and outwards to start the propellers. Then, slowly push the left joystick (throttle) up to ascend.
- **One-Key Takeoff/Landing:** Press the dedicated One-Key Takeoff/Landing button (often indicated by an arrow pointing up/down) on the controller. The drone will automatically take off and hover, or land gently.
- **Manual Landing:** Slowly pull the left joystick (throttle) down until the drone lands. Once on the ground, hold the joystick down for a few seconds until the propellers stop.

6.4 Basic Flight Controls

- **Left Joystick:**
 - Up/Down: Ascend/Descend (Throttle)
 - Left/Right: Rotate Left/Right (Yaw)
- **Right Joystick:**
 - Up/Down: Fly Forward/Backward
 - Left/Right: Fly Left/Right (Sideways)

6.5 Advanced Features

- **Altitude Hold:** The drone will automatically maintain its current altitude, making it easier to control horizontal movement.
- **Headless Mode:** When activated, the drone will fly in the direction relative to the pilot, regardless of the drone's actual front orientation. Press the Headless Mode button to activate/deactivate.
- **One-Key Return:** Press the One-Key Return button, and the drone will attempt to fly back towards its takeoff point. Note: This feature is not GPS-based and its accuracy depends on initial calibration and environmental factors.
- **360° Flip:** Fly the drone to a height of at least 2 meters. Press the 360° Flip button, then push the right joystick in the desired flip direction (forward, backward, left, or right).
- **Speed Switch:** Press the Speed Switch button to cycle through different speed modes (e.g., low, medium, high). This is useful for adapting to different flying environments and skill levels.



ONE KEY RETURN

With built-in positioning system, when press return button, the drone will fly to where it took off automatically.

HEADLESS MODE

In headless mode, the drone will fly toward the direction of the joystick, regardless of the head of the drone. Easy to control.



Image: Visual explanations of the One Key Return function, showing the drone returning to its origin, and Headless Mode, indicating that the drone's movement is relative to the controller's orientation.

7. CAMERA OPERATION

The Visuo XS809S is equipped with a 2MP HD camera for capturing aerial photos and videos.

- **Live FPV Feed:** Connect your smartphone to the drone's WiFi network and open the companion app to view the live video feed.
- **Taking Photos:** While flying, press the Photo button on the remote controller or tap the camera icon in the app to take a still photo.
- **Recording Video:** Press the Video button on the remote controller or tap the video icon in the app to start recording. Press again to stop.
- **Storage:** Photos and videos are typically saved directly to your smartphone's gallery when using the app. If the drone has a microSD card slot (check specifications), media may also be saved there for higher quality.

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the drone and controller. Avoid using liquids or solvents.

- **Propeller Replacement:** If a propeller is damaged, use the provided screwdriver to remove the screw holding it in place. Replace with a new propeller, ensuring it is the correct type (A or B, usually marked on the propeller and drone arm), and secure with the screw.
- **Battery Care:** Do not overcharge batteries. Store batteries in a cool, dry place. If not used for extended periods, charge them periodically to maintain battery health.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged; Battery not properly connected; Loose internal connection.	Ensure battery is fully charged. Reinsert battery firmly. Check for loose connections if comfortable doing so, or contact support.
Drone drifts during flight.	Gyro not calibrated; Uneven surface at takeoff; Wind interference.	Perform gyro calibration on a flat surface. Fly in calm conditions. Use trim buttons on controller to adjust.
Controller not pairing with drone.	Incorrect pairing procedure; Low controller battery.	Follow pairing steps precisely (power drone, then controller, throttle up/down). Replace controller batteries.
Poor camera feed or no FPV.	WiFi not connected; App not open; Signal interference.	Ensure smartphone is connected to drone's WiFi. Open the correct app. Reduce distance between drone and phone.
Short flight time.	Battery not fully charged; Old battery; Aggressive flying.	Ensure battery is fully charged. Consider replacing old batteries. Fly more gently.
Drone crashes easily / Unstable flight.	Damaged propellers; Motor issue; User error.	Inspect and replace damaged propellers. Practice flight controls in a safe area.

10. SPECIFICATIONS

Feature	Detail
Model Name	VISUO XS809S
Brand	Goolsky
Color	Black
Camera	2MP HD Wide Angle
Connectivity	WiFi FPV, 2.4G Transmitter
Special Features	Foldable, Altitude Hold, Headless Mode, One Button Return, 360° Flip, Speed Switch
Channels	4 Channels
Dimensions (Unfolded)	Approx. 32.5 x 32.5 x 6.5 cm (12.8 x 12.8 x 2.4 inches)
Dimensions (Folded)	Approx. 18 x 13 x 6 cm (7 x 5.1 x 2.4 inches)

Feature	Detail
Weight	Approx. 811.93 Grams
Recommended Age	12 - 15 years (Manufacturer recommended)
Batteries Required	Yes (Drone: Rechargeable, Controller: 3x AA)



Image: Technical diagram illustrating the dimensions of the Visuo XS809S drone in both its folded and unfolded states, with measurements in centimeters and inches.

11. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the packaging or contact your retailer for specific warranty terms and conditions. For technical support, troubleshooting assistance, or spare parts, please contact the Goolsky customer service department. Contact information can typically be found on the product packaging or the official Goolsky website.

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

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Email

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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