

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Goolsky](#) /

› [Goolsky VISUO XS812 Drone User Manual](#)

## Goolsky VISUO XS812

# Goolsky VISUO XS812 Drone User Manual

Model: VISUO XS812

Brand: Goolsky

## 1. INTRODUCTION

Welcome to the user manual for your Goolsky VISUO XS812 Drone. This advanced foldable RC quadcopter features GPS positioning, a 5G WiFi 1080P wide-angle camera, FPV capabilities, and altitude hold for a stable and enjoyable flight experience. This manual provides essential information on setting up, operating, maintaining, and troubleshooting your drone to ensure safe and optimal performance.

## 2. PACKAGE CONTENTS

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

- 1 x VISUO XS812 RC Drone
- 1 x Remote Controller with Phone Holder
- 1 x USB Charger
- 3 x 3.7V 1800mAh Lipo Battery
- 4 x Propeller Protector
- 4 x Spare Propeller
- 1 x Screwdriver
- 1 x User Manual

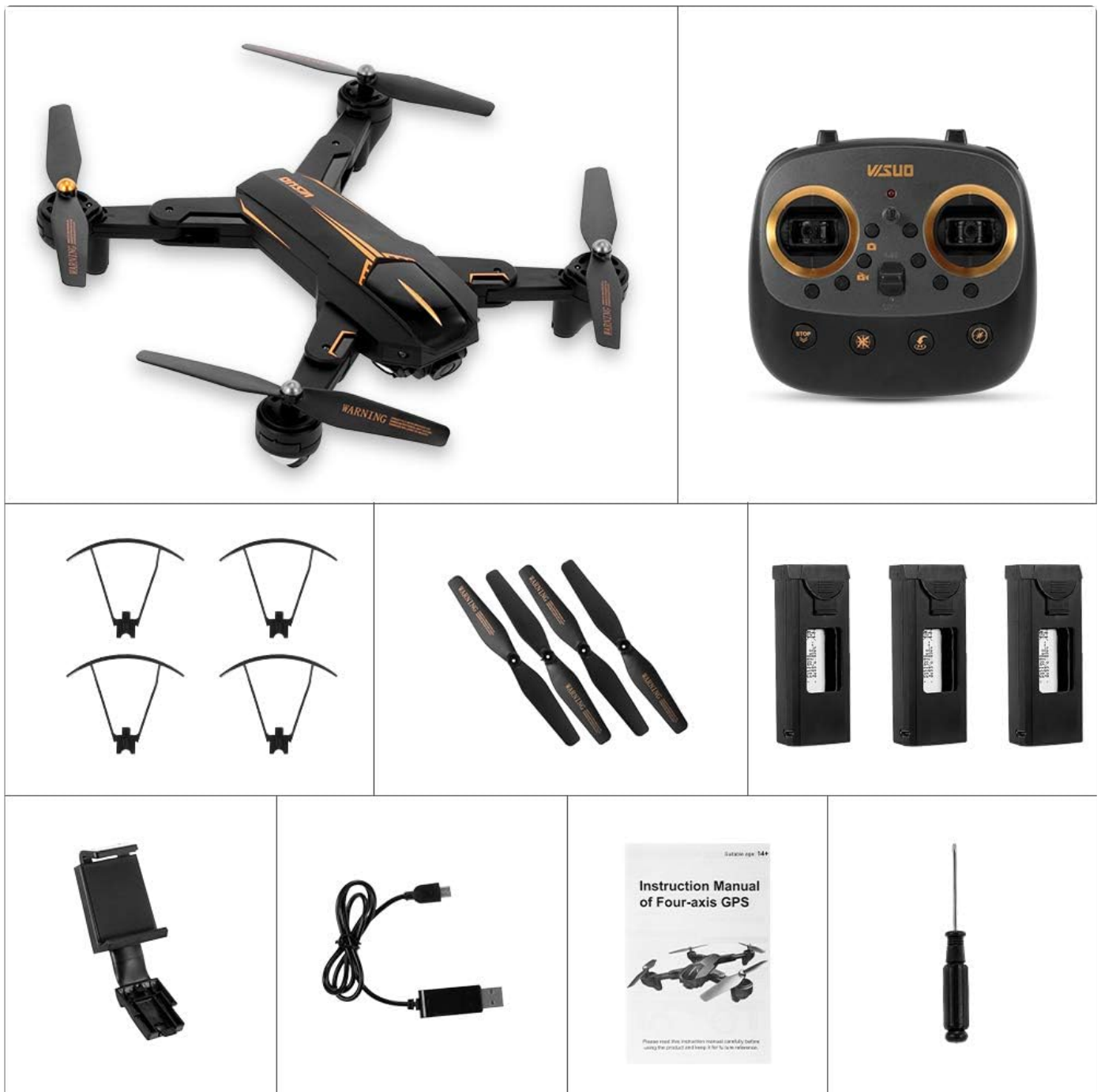


Image: All components included in the Golsky VISUO XS812 Drone package.

### 3. KEY FEATURES

The Golsky VISUO XS812 Drone is equipped with several advanced features designed to enhance your flying and photography experience:

- Integrated GPS for precise positioning and stable flight.
- Foldable design for easy portability and storage.
- 5G WiFi 1080P camera for high-quality real-time image transmission and aerial photography.
- Altitude Hold Mode for stable hovering.
- Headless Mode for simplified control, eliminating orientation concerns.
- One-key Takeoff/Landing/Stop for convenient operation.
- Automatic Return Function (low battery, out of control range).
- Follow Me Mode (outdoors only).

- Surround Action (Circle Flight) for dynamic shooting perspectives (outdoors only).
- Waypoint Route Mode for automated flight paths (outdoors only).

### 3.1. Dual GPS Positioning

The drone utilizes GPS + GLONASS positioning systems to provide accurate positioning details, enabling features like automatic return, low power return, and no signal return, ensuring a safer flight.



*Image: Visual representation of the drone's Dual GPS system.*

### 3.2. 1080P HD Wi-Fi Camera

Capture high-quality video and aerial photos with the integrated 1080P HD camera. The 5G WiFi transmission ensures high-speed picture transmission without delay, providing a clear FPV experience.



*Image: The drone's 1080P HD Wi-Fi camera.*

### **3.3. Altitude Hold Mode**

With the built-in air-pressure height-set module, the aircraft will fly at a certain height steadily and quietly, making it easier to control and ideal for stable aerial photography.



## Altitude hold

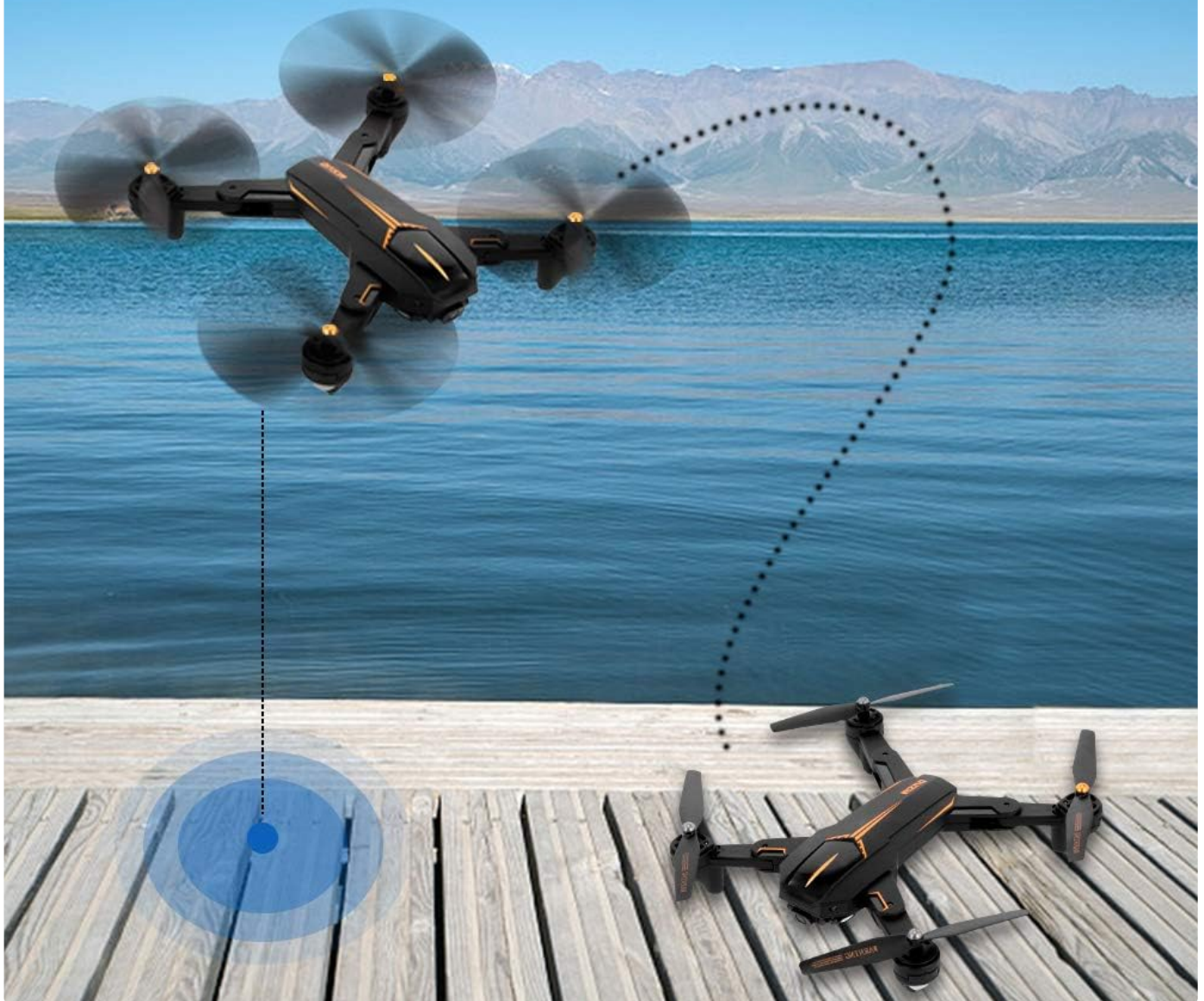
With the built-in air-press height-set module  
the aircraft will fly at a certain height steady and quiet

*Image: Drone demonstrating Altitude Hold feature.*

### 3.4. One-Key Takeoff/Landing/Stop

Simplifies operation, making it more convenient for novice users to initiate and conclude flights with a single button press.

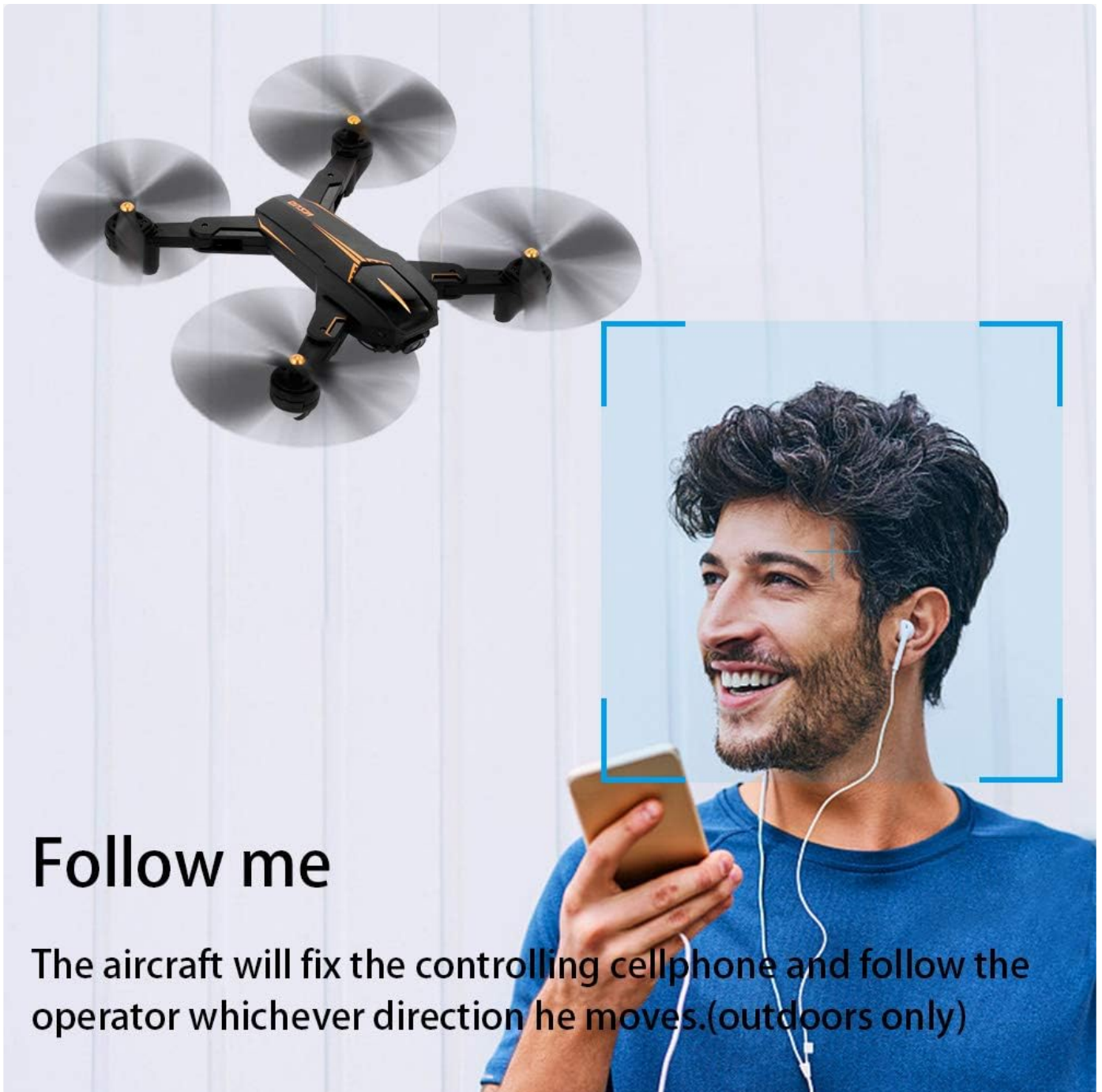
# Takeoff/Land



*Image: Drone performing One-Key Takeoff/Landing.*

## 3.5. Follow Me Function

The aircraft will lock onto the controlling cellphone and follow the operator wherever they move, providing dynamic tracking shots. This feature is available for outdoor use only.



# Follow me

The aircraft will fix the controlling cellphone and follow the operator whichever direction he moves.(outdoors only)

*Image: Drone utilizing the Follow Me function.*

## 4. SETUP GUIDE

### 4.1. Unfolding the Drone

Gently unfold the drone arms until they click into place. Ensure all arms are fully extended and locked before flight.

### 4.2. Battery Installation and Charging

1. Insert the 3.7V 1800mAh Lipo battery into the drone's battery compartment. Ensure it is securely latched.
2. Connect the battery to the USB charger.
3. Plug the USB charger into a suitable USB power source (e.g., computer, USB wall adapter).
4. Charging time is approximately 180 minutes. The indicator light on the charger will change when charging is complete.

### 4.3. Propeller Installation

Attach the propellers to the corresponding motor shafts. Ensure the correct propellers (A and B) are installed on the designated motors as per the markings on the drone arms and propellers. Secure them firmly.

#### 4.4. Remote Controller Setup

1. Install 4 x AAA batteries (not included) into the remote controller, observing correct polarity.
2. Attach your smartphone to the phone holder on the remote controller.

#### 4.5. App Installation and Connection

1. Download the official VISUO drone app from your smartphone's app store (iOS or Android).
2. Turn on the drone and the remote controller.
3. On your smartphone, connect to the drone's 5G WiFi network (usually named 'VISUO-XXXX').
4. Open the app to establish a connection and view the FPV feed.

### 5. OPERATING INSTRUCTIONS

#### 5.1. Pre-Flight Checklist

- Ensure drone and remote controller batteries are fully charged.
- Check that propellers are correctly installed and free from damage.
- Verify that the drone arms are fully unfolded and locked.
- Choose an open, clear area for flight, away from obstacles, people, and restricted airspace.
- Ensure strong GPS signal (for outdoor flights).

#### 5.2. Calibrating the Drone

Before each flight, especially after moving to a new location, perform a compass calibration as instructed in the app or detailed manual to ensure accurate GPS positioning.

#### 5.3. Taking Off

Place the drone on a flat, level surface. Press the One-Key Takeoff button on the remote controller or in the app. The drone will automatically ascend to a safe hovering altitude.

#### 5.4. Basic Flight Controls

Use the joysticks on the remote controller to control the drone's movement:

- **Left Joystick (Throttle/Yaw):** Up/Down for altitude, Left/Right for rotation.
- **Right Joystick (Pitch/Roll):** Up/Down for forward/backward movement, Left/Right for left/right movement.

#### 5.5. Landing

Press the One-Key Landing button. The drone will slowly descend and land automatically. Alternatively, you can manually land by slowly pulling down the left joystick.

#### 5.6. Using Smart Flight Modes

- **GPS Positioning Mode:** Provides stable hovering and precise positioning outdoors.
- **Altitude Hold Mode:** Maintains a consistent altitude, allowing you to focus on horizontal movement and camera control.

- **Headless Mode:** Simplifies control by making the drone's forward direction relative to the pilot, regardless of the drone's actual orientation.
- **Follow Me Mode:** Activates tracking of the remote controller/smartphone. Ensure sufficient space and clear line of sight.
- **Surround Action:** The drone will fly in a circle around a designated point. Set the radius in the app.
- **Waypoint Route Mode:** Draw a flight path on the app's map, and the drone will automatically follow it.

## 5.7. Camera Operation

Use the dedicated buttons on the remote controller or the app interface to take photos and record videos. Ensure an SD card (not included) is inserted into the drone for local storage of high-resolution media.

## 6. MAINTENANCE

- **Cleaning:** Regularly wipe the drone and remote controller with a soft, dry cloth. Avoid using harsh chemicals.
- **Propellers:** Inspect propellers for cracks or damage before each flight. Replace any damaged propellers immediately using the spare ones provided.
- **Motors:** Keep motors free from dust and debris. Do not attempt to lubricate them.
- **Batteries:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If storing for extended periods, charge them to about 50% capacity.
- **Storage:** When not in use, fold the drone and store it in its original packaging or a protective case to prevent damage.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Battery not charged or installed correctly.	Ensure battery is fully charged and properly inserted.
No FPV feed in app	WiFi not connected or app not open.	Connect phone to drone's 5G WiFi network. Restart app.
Drone drifts during flight	Improper calibration or strong wind.	Perform compass calibration. Fly in calm conditions.
Remote controller not responding	Low remote battery or not paired.	Replace AAA batteries. Re-pair remote with drone.
GPS features not working	Weak GPS signal or indoor flight.	Fly outdoors in an open area with clear sky. Ensure sufficient satellites are locked.

## 8. SPECIFICATIONS

Feature	Detail
Item Brand	VISUO
Item Name	XS812 GPS FPV Drone

Feature	Detail
Remote Controller	2.4G 4CH
Camera	5G 1080P Wide Angle
Control Distance	About 200m
5G WiFi Transmission Distance	About 200m
Drone Battery	3.7V 1800mAh Lipo Battery
Flying Time	About 14 minutes
Charging Time	About 180 minutes
Remote Controller Battery	4 * AAA battery (not included)
Folded Quadcopter Size	182 * 146 * 60mm
Unfolded Quadcopter Size	330 * 330 * 60mm
Item Weight	1.08 kg
Model Number	NTT4791446755495VK

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Goolsky customer service directly. Keep your proof of purchase for warranty claims.

For further assistance or technical inquiries, please visit the official Goolsky website or contact their support channels.