

## AOCHUAN Smart X2

# AOCHUAN Smart X2 Smartphone Gimbal Stabilizer User Manual

Model: Smart X2

## 1. INTRODUCTION

This manual provides detailed instructions for the proper use, setup, and maintenance of your APOCHUAN Smart X2 Smartphone Gimbal Stabilizer. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

The APOCHUAN Smart X2 is a 3-axis smartphone gimbal stabilizer designed to capture smooth, stable video footage and photos. It features an integrated extension rod, an OLED display, and an adjustable RGB fill light to enhance your mobile videography and photography experience.

## 2. PRODUCT OVERVIEW

### 2.1 Package Contents

The APOCHUAN Smart X2 Kit includes the following items:

- 1x APOCHUAN Smart X2 Gimbal Stabilizer
- 1x RGB Magnetic Fill Light
- 1x USB-C Charging Cable
- 1x Mini Tripod
- 1x User Manual

### AOCHUAN Smart X2 Kit Package List

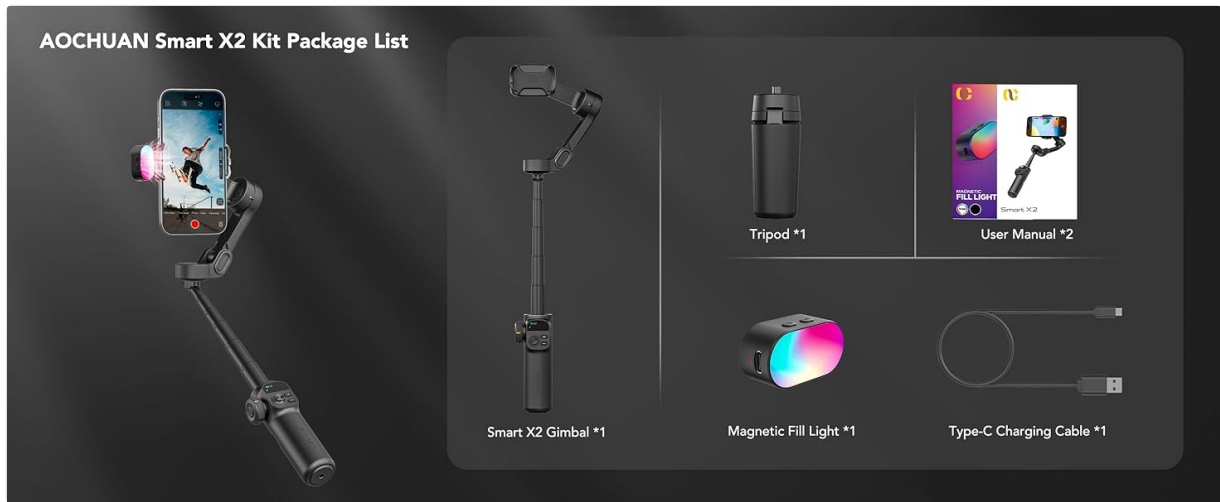


Image: Contents of the AOCHUAN Smart X2 Kit, including the gimbal, fill light, charging cable, mini tripod, and user manual.

## 2.2 Key Features

- **3-Axis Stabilization:** Provides smooth, steady footage for professional-looking videos.
- **Integrated 20cm Extension Rod:** Offers versatile shooting angles and functions as a selfie stick.
- **OLED Display:** Clear screen for intuitive monitoring of gimbal status, battery, and modes.
- **Adjustable RGB Fill Light:** 7-color, 3-level brightness, 180-degree rotatable magnetic light for optimal illumination in various conditions.
- **One-Click Controls:** Simplified zoom and focus adjustments.
- **Gesture Control:** Supports various hand gestures for remote shooting.
- **Face & Object Tracking:** Automatically follows subjects for dynamic shots.
- **Lightweight & Foldable Design:** Easy to carry and store.



Image: The AOCHUAN Smart X2 Gimbal Stabilizer, showcasing its main body, detachable fill light, mini tripod, and charging cable.

## 3. SETUP

### 3.1 Charging the Gimbal

Before first use, fully charge the gimbal using the provided USB-C cable. Connect the USB-C end to the gimbal's charging port and the USB-A end to a compatible power adapter (not included). A full charge takes approximately 2 hours and provides 8-10 hours of operation.

## Ultra-long Battery Life

After charging for 2 hours, you can use it for 8-10H of shooting.



Image: Diagram illustrating the gimbal's internal battery and charging process, highlighting its ultra-long battery life.

## 3.2 Mounting Your Smartphone

1. Unfold the gimbal to its operational position.
2. Gently pull open the phone clamp.
3. Insert your smartphone into the clamp, ensuring it is centered and securely held. The gimbal supports phones with a width between 55-90mm. Remove bulky phone cases if they prevent proper balancing or fit.
4. Ensure the phone is balanced. If the phone tilts heavily to one side, adjust its position within the clamp until it remains relatively level when the gimbal is off.

## Strong Load-bearing Capacity

Even large phones like iPhone 16promax and Galaxy S24 Ultra can handle it with ease.

① Does not support foldable screen



Image: Illustration demonstrating the gimbal's strong load-bearing capacity, capable of holding larger smartphones like the iPhone 16 Pro Max and Samsung Galaxy S24 Ultra. Note: Does not support foldable screens.

## 3.3 Attaching the Fill Light

The RGB fill light attaches magnetically to the top of the phone clamp. Simply place the fill light onto the designated magnetic area until it clicks into place.

## 3.4 App Download and Bluetooth Connection

1. Download the official AOCHUAN app from the App Store (iOS) or Google Play Store (Android).
2. Power on the gimbal by pressing and holding the power button.
3. Enable Bluetooth on your smartphone.
4. Open the AOCHUAN app and follow the on-screen instructions to connect to your Smart X2 gimbal

via Bluetooth. The OLED display will show a Bluetooth icon when connected.

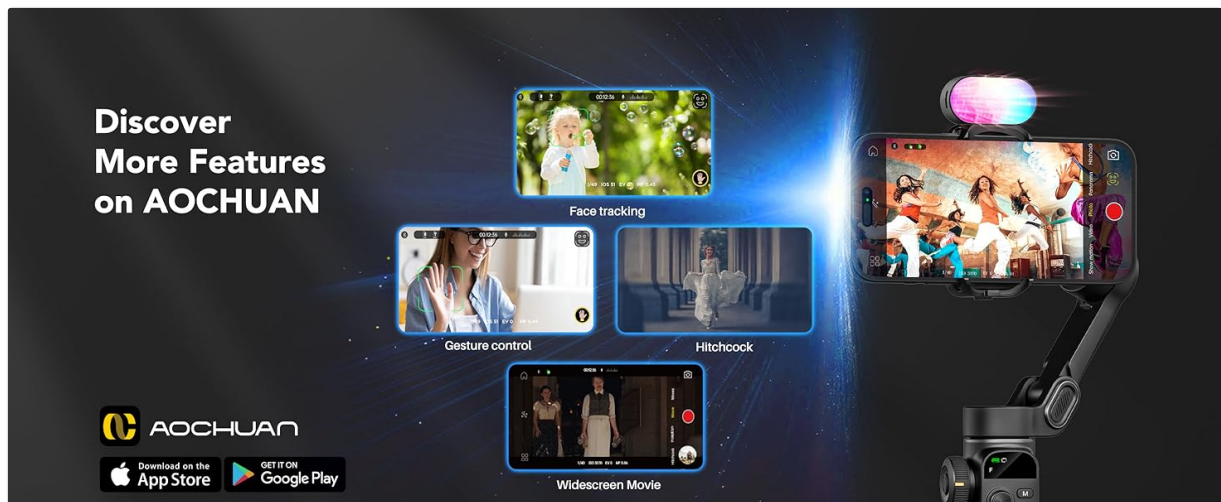


Image: The AOCHUAN app interface, showcasing features like face tracking, gesture control, Hitchcock mode, and widescreen movie mode.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

- **Power On:** Press and hold the power button for 3 seconds.
- **Power Off:** Press and hold the power button for 3 seconds.

### 4.2 Gimbal Modes

The OLED display indicates the current operating mode. Use the mode button (M) to cycle through available modes:

- **F (Pan Follow):** The pan axis follows your horizontal movements.
- **POV (Point of View):** All three axes follow your movements, providing a first-person perspective.
- **DM (Dolly Zoom/Motion Lapse):** Specific modes for creative effects, typically controlled via the app.
- **S (Sport Mode):** Increases the motor response speed for fast-moving subjects.

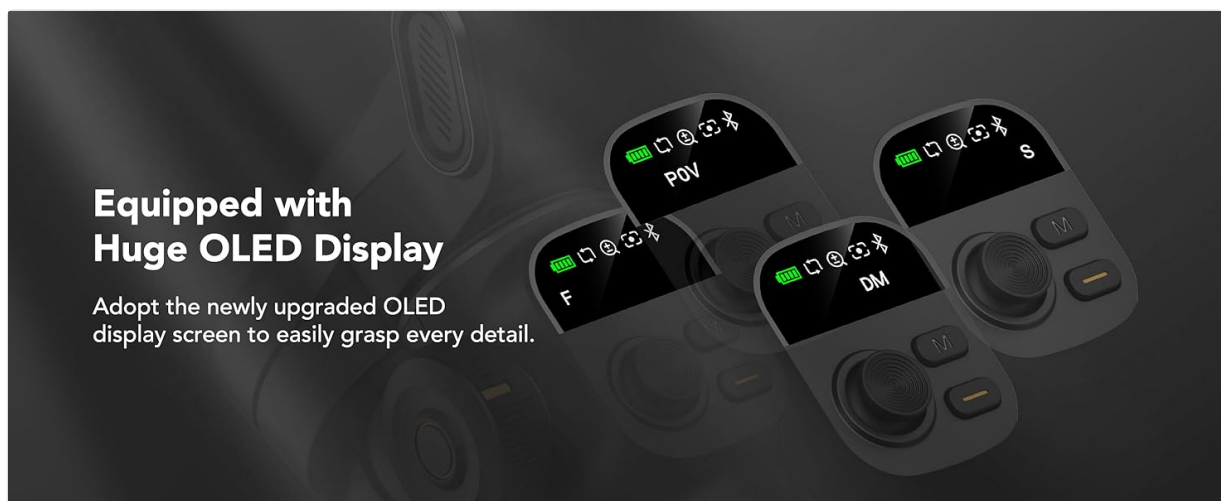


Image: Close-up of the gimbal's OLED display, showing various modes (F, POV, DM, S), battery level, and Bluetooth connection status.



### 4.3 Extension Rod

The built-in 20cm extension rod can be pulled out from the handle to extend your reach for wider shots or selfies. It can be used in conjunction with the mini tripod for stable elevated shots.

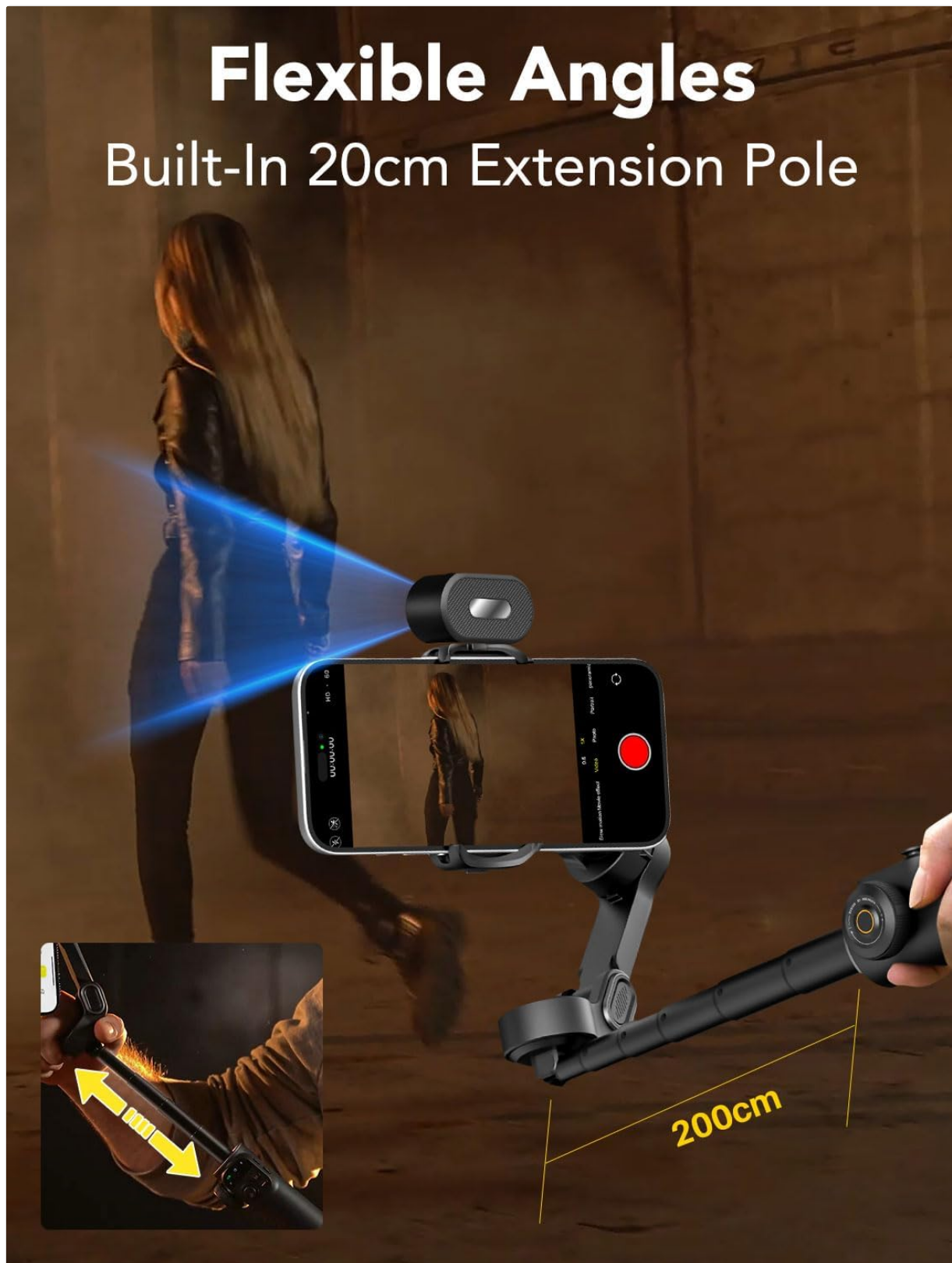


Image: The gimbal with its 20cm extension rod fully extended, demonstrating its use for capturing flexible angles.

### 4.4 RGB Fill Light Operation

The magnetic fill light offers 7 adjustable colors and 3 brightness levels. Press the button on the fill light to cycle through colors and brightness settings. The light can be rotated 180 degrees to direct illumination as needed.

# Adjustable 7-Color RGB Fill Light



Colorful light switch



180 minutes long battery life



Three level brightness adjustment



Magnetic design 180° adjustment



Image: The adjustable 7-color RGB fill light attached to the gimbal, demonstrating its 180-degree rotation and various color options.

## 4.5 Shooting Adjustments

- **Zoom & Focus:** Use the control wheel on the handle to adjust zoom and focus. Long press to switch between focus and zoom functions (requires AOCHUAN app).
- **Panorama Shots:** Double-tap the control button for seamless panorama capture.
- **Gesture Control:** Within the AOCHUAN app, enable gesture control. Use gestures like OK, Palm, Fist, or Thumbs Up to initiate recording or take photos remotely.
- **Face & Object Tracking:** Activate this feature in the AOCHUAN app to automatically track a selected



face or object, keeping it centered in the frame.

- **Movie Mode & Hitchcock Mode:** Explore these advanced cinematic modes within the AOCHUAN app for creative video effects.

# One-touch shooting adjustment

Long press to switch focus & zoom  
(Need to be used in AOCHUAN APP)



Image: A user demonstrating the one-touch shooting adjustment feature on the gimbal, highlighting the control wheel for zoom and focus.



# Double-Tap Seamless Panorama Shots



Image: The gimbal set up to capture a wide panorama shot, illustrating the double-tap feature for seamless panoramic photography.

# Smart Gesture Shooting



OK gesture



Palm gesture



Fist gesture



Thumbs up gesture  
with both hands



AOCHUAN

Image: A woman demonstrating smart gesture shooting, using a hand gesture to control the gimbal for hands-free operation.

## 5. MAINTENANCE

### 5.1 Cleaning

Wipe the gimbal with a soft, dry cloth. Do not use liquid cleaners or solvents, as they may damage the device. Keep the charging port free of dust and debris.



## 5.2 Storage

When not in use, fold the gimbal into its compact form for easy storage. Store it in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) before long-term storage to preserve battery health.



Image: The gimbal in its folded, compact state, emphasizing its lightweight and portable design for easy carrying.

## 6. TROUBLESHOOTING

- **Gimbal not powering on:** Ensure the gimbal is fully charged.
- **Unstable footage/Gimbal beeping:** Ensure your smartphone is properly balanced in the clamp. Remove any heavy or bulky phone cases that might affect balance.
- **Cannot connect via Bluetooth:** Make sure Bluetooth is enabled on your phone and the AOCHUAN app is open. Restart both the gimbal and your phone if issues persist.
- **Phone not fitting in clamp:** The clamp supports phones with a width between 55-90mm. Ensure your phone, especially with a case, falls within this range.
- **App features not working:** Ensure the gimbal is correctly connected to the AOCHUAN app and the app is updated to the latest version.

If you encounter any other issues or require further assistance, please refer to the support section.

## 7. SPECIFICATIONS

Feature	Detail
Product Dimensions	11.3 x 5 x 2.76 inches (28.7 x 12.7 x 7 cm)
Folded Size	16.5 x 11 x 5.3 cm
Item Weight	12.9 ounces (365 Grams)
Battery Type	1 Lithium Ion battery (included)




Compatible Devices	iPhone 16/15/14/13/12 Pro Max, Samsung Galaxy S21/S21 Ultra/S23 Ultra, Huawei p30 pro/p30/p20 pro/p10/p10 plus, and similar smartphones (width 55-90mm)
Extension Rod Length	20 cm

## 8. WARRANTY & SUPPORT




For warranty information or technical support, please contact AOCHUAN customer service. Refer to the product packaging or the official AOCHUAN website for contact details. When contacting support, please have your product model (Smart X2) and purchase information ready.

You can also visit the official AOCHUAN store for more information:[AOCHUAN Store](#)

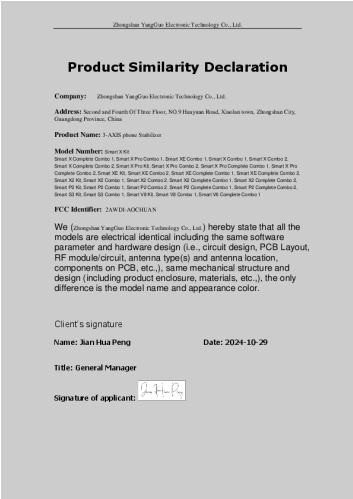
### Related Documents - Smart X2

	<p><a href="#">AOCHUAN Smart X Pro Gimbal Stabilizer User Manual</a></p> <p>Explore the features and operation of the AOCHUAN Smart X Pro, a 3-axis smartphone gimbal stabilizer. This guide covers product setup, app integration, battery management, and technical specifications.</p>
	<p><a href="#">AOCHUAN Smart X PRO Gimbal Stabilizer User Manual and Specifications</a></p> <p>Comprehensive guide to the AOCHUAN Smart X PRO gimbal stabilizer, covering product features, setup, operation, battery, specifications, and customer support.</p>
	<p><a href="#">AOCHUAN 3-AXIS Phone Stabilizer User Manual and Product Information</a></p> <p>Comprehensive guide to the AOCHUAN 3-AXIS phone stabilizer, covering product features, setup, operation, app integration, charging, technical specifications, and warranty information.</p>



	<p><a href="#">AOCHUAN Smart XE Gimbal Stabilizer User Manual and Product Information</a></p> <p>Explore the features and specifications of the AOCHUAN Smart XE 3-Axis Gimbal Stabilizer for smartphones. This guide covers product details, operation, charging, and warranty terms.</p>
	<p><a href="#">AOCHUAN Smart X Gimbal Stabilizer User Guide</a></p> <p>Comprehensive user guide for the AOCHUAN Smart X Gimbal Stabilizer, covering product features, setup, operation, app integration, and technical specifications. Learn how to unfold, fold, charge, and utilize the various modes and functions of your smartphone gimbal for professional-quality video and photography.</p>
	<p><a href="#">AOCHUAN Smart X Pro 3-Axis Smartphone Gimbal Stabilizer User Manual</a></p> <p>User manual for the AOCHUAN Smart X Pro 3-axis smartphone gimbal stabilizer. Features include wireless charging, foldable design, and advanced tracking for professional video recording on iPhone and Android devices.</p>

Documents - AOCHUAN – Smart X2



[Product Similarity Declaration - Zhongshan YangGuo Electronic Technology Co., Ltd.](#)

Declaration of product similarity for 3-AXIS phone Stabilizer models by Zhongshan YangGuo Electronic Technology Co., Ltd., confirming identical electrical, software, hardware, and mechanical designs across various model names and appearance colors.

lang:en score:25 filesize: 161.35 K page\_count: 1 document date: 2024-10-29

Letter of Authorization

**Company:** Zhongshan YangGuo Electronic Technology Co., Ltd.

**Address:** Second and Fourth Of Three Floor, H23 Huiyuan Road, Xiatan town, Zhongshan City, Guangdong Province, China

**Product Name:** 3-AXIS phone Stabilizer

**Model Number:** Smart X Kit  
Smart X Complete Combo 1, Smart X Pro Combo 1, Smart XE Combo 1, Smart X Combo 1, Smart X Combo 2, Smart X Complete Combo 2, Smart X Pro Kit, Smart X Pro Combo 2, Smart X Pro Complete Combo 1, Smart X Pro Complete Combo 2, Smart XE Kit, Smart XE Combo 2, Smart XE Complete Combo 1, Smart XE Complete Combo 2, Smart X2 Kit, Smart X2 Combo 1, Smart X2 Combo 2, Smart X2 Complete Combo 1, Smart X2 Complete Combo 2, Smart P2 Kit, Smart P2 Combo 1, Smart P2 Combo 2, Smart P2 Complete Combo 1, Smart P2 Complete Combo 2, Smart S3 Kit, Smart S3 Combo 1, Smart V8 Kit, Smart V8 Combo 1, Smart V8 Complete Combo 1

**FCC Identifier:** 2AHE5AC04JRM1

We authorize LGAI Technological Center S.A., Ronda de la Font del Camé, s/n, 08230 Bellaterra, Spain, to act on our behalf on all matters concerning the above named equipment.

Any individual within LGAI Technological Center S.A. is authorized to act on our behalf and take action on the application.

We declare that authorize LGAI Technological Center S.A., Ronda de la Font del Camé, s/n, 08230 Bellaterra, Spain, is allowed to forward all information related to the approval project to the Federal Communication Commission and to discuss any issues concerning the approval application, any and all acts carried out by LGAI Technological Center S.A. on our behalf shall have the same effect as acts of our own.

**Name:** Juan Hua Peng

**Date:** 2024-10-29

**Title:** General Manager

**Signature of applicant:** 

[Letter of Authorization: Zhongshan YangGuo Electronic Technology Co., Ltd. for 3-AXIS Phone Stabilizer](#)

Letter of Authorization from Zhongshan YangGuo Electronic Technology Co., Ltd. authorizing LGAI Technological Center S.A. to act on their behalf for FCC matters concerning the 3-AXIS phone Stabilizer, models Smart X, Smart XE, Smart X2, Smart P2, Smart S3, and Smart V8.

lang:en **score:25** filesize: 107.3 K page\_count: 1 document date: 2024-10-29