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CHIGEE AIO-5 LITE

CHIGEE AIO-5 Lite Motorcycle Smart Riding System User Manual

Model: AIO-5 LITE | Brand: CHIGEE

1. INTRODUCTION

The CHIGEE AIO-5 Lite is an advanced motorcycle smart riding system designed to enhance your riding experience with cutting-edge technology. This device integrates wireless CarPlay and Android Auto, providing seamless navigation, communication, and entertainment directly on its vibrant display. Equipped with a Blind Spot Detection (BSD) system and high-quality recording cameras, it prioritizes your safety on every journey. This manual provides comprehensive instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance of your AIO-5 Lite.



Figure 1: CHIGEE AIO-5 Lite Motorcycle Smart Riding System

2. SAFETY INFORMATION

Always prioritize safety when installing and operating the CHIGEE AIO-5 Lite. Ensure the device is securely mounted and does not obstruct your view or control of the motorcycle. Do not attempt to operate the device in a manner that distracts you from driving. Adhere to all local traffic laws and regulations. Keep the device away from extreme temperatures outside its specified operating range (-20°C to 70°C) and avoid direct exposure to harsh chemicals.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Host (1 unit)
- Cameras (2 units)
- Step Rings (3 units)
- Splicing Buckles (2 units)
- External GPS (1 unit)
- Power Cable (1 unit)
- Magic Tie (2 units)
- Nylon Tie (5 units)
- Disassembly Tool (3 units)
- Stickers (2 units)
- Mounting Bracket (1 unit)
- Ball Head Component (1 unit)

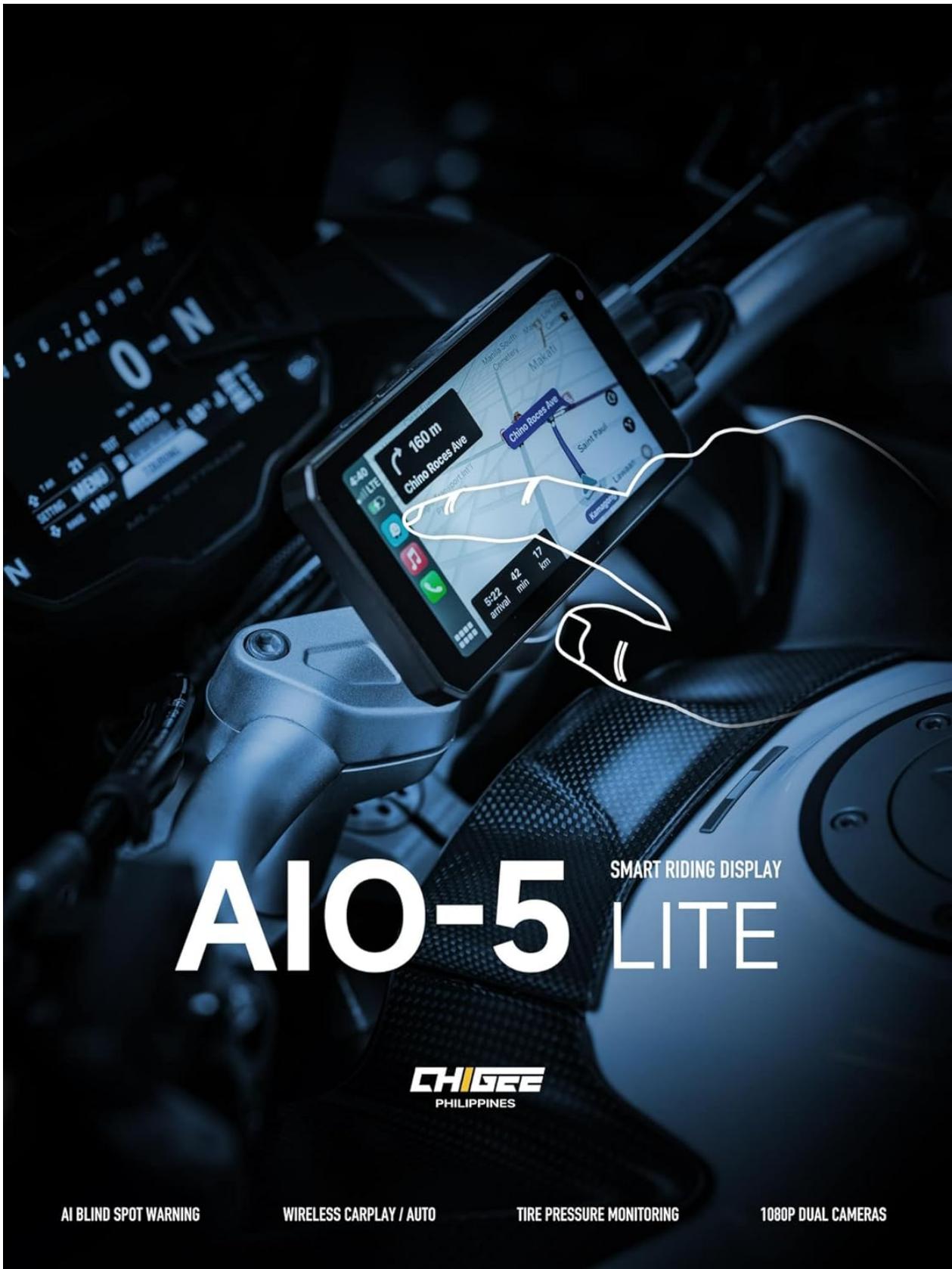


Figure 2: Included components of the AIO-5 Lite system

4. SETUP

4.1. Installation

The AIO-5 Lite is designed for easy mounting on most motorcycles using the provided bracket kit and screw system. Refer to the detailed installation video for a step-by-step guide.

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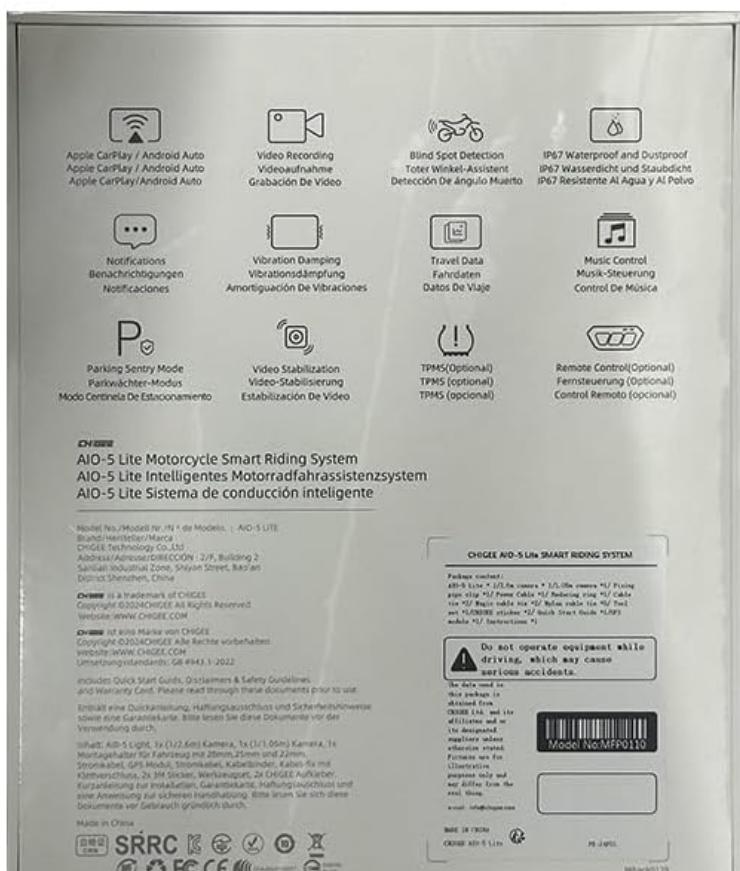
Video 1: How to install CHIGEE AIO-5 Lite



Left Side



Front





Right Side



Back

Figure 3: Front view of the AIO-5 Lite mounted

4.2. App Installation and Connection

To fully utilize the features of your AIO-5 Lite, download the dedicated CHIGEE GO app from your smartphone's app store. The app allows you to oversee and examine routes, tracks, and waypoints, receive live traffic and weather updates, and manage phone notifications.



Figure 4: CHIGEE GO App and QR codes for download

5. OPERATING INSTRUCTIONS

5.1. Wireless CarPlay & Android Auto

The AIO-5 Lite supports wireless CarPlay and Android Auto. Ensure your smartphone supports these functions wirelessly. Once connected, you can access navigation, music, and communication features directly from the

device's screen.

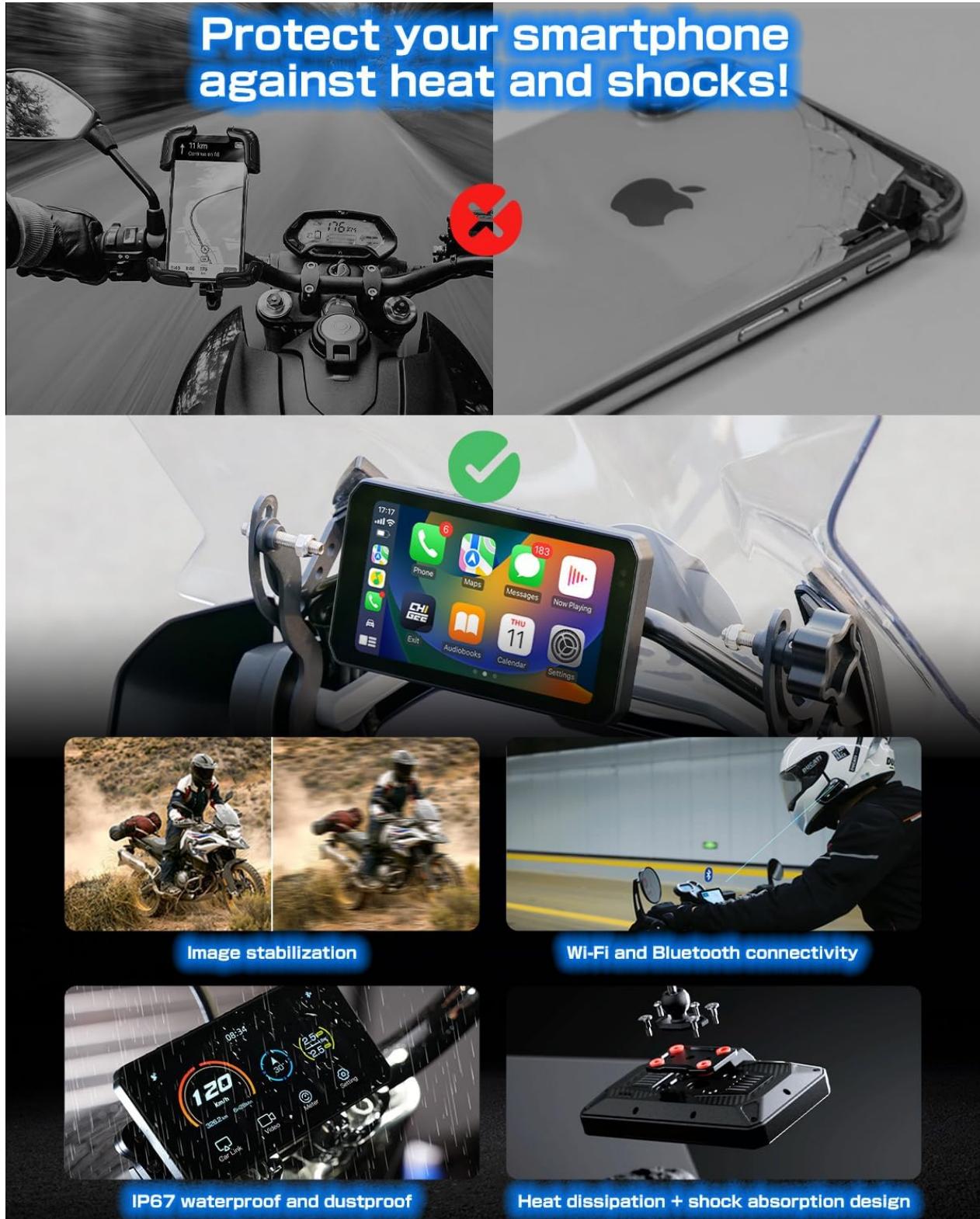


Figure 5: CarPlay interface on the AIO-5 Lite

5.2. Blind Spot Detection (BSD)

The integrated radar detector provides BSD functionality, offering audible warnings and red flashing borders on the screen when objects are detected in your left or right blind spots. This feature is particularly useful in low-visibility conditions.

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[Video 2: CHIGEE AIO-5 Lite BSD demonstration](#)

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Video 3: CHIGEE AIO-5 LITE BSD Function overview



Figure 6: BSD warning displayed on the AIO-5 Lite screen

5.3. 60FPS Display

Experience smoother visuals and more vivid details with the 60FPS display, reducing screen stuttering and providing a more comfortable visual experience for enhanced focus on driving and safety.

5.4. STARVIS & HDR/WDR Cameras

The front and rear 1080P cameras feature the IMX307 SONY STARVIS sensor for superior low-light performance and clear, noise-reduced images. HDR/WDR functions adjust for brightness, ensuring detailed recordings even with sudden light changes.



Figure 7: Camera technology and low-light performance

5.5. LCD Touch Screen & Anti-Touch Mode

The 5-inch ultrabright IPS LCD touchscreen (up to 1200cd/m²) is designed for clear visibility and easy operation, even with motorcycle gloves. It features automatic brightness adjustment and a lock function to prevent accidental touches.

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5.6. Dual Bluetooth & Voice Control

With Bluetooth 5.0, the device supports dual Bluetooth connections, allowing simultaneous connection to your phone and helmet headset. Voice control is enabled via Siri or Google Assistant.

5.7. 24H Parking Mode

The AIO-5 Lite offers 24-hour parking surveillance recording, providing continuous monitoring against vehicle break-ins or hit-and-runs when the motorcycle is parked.



Figure 8: Illustration of 24-hour parking mode

5.8. Driving Data

The device records and displays various driving data, allowing you to review your ride parameters and statistics.



AI0-5 Play Smart Riding Display



AI0-5 Lite Motorcycle Smart Riding System

General Specs comparison

| | | |
|--------------------------------|---|--|
| Driving Recording | ✗ | Sony IMX307 Front & Rear Camera |
| AI BSD System | ✗ | Supported |
| Parking Monitoring | ✗ | Supported (Popup notification after powered on) |
| Anti-theft Alarm | Audible warning (Power cable required) | ✗ |
| Waterprooff | IP68 | IP67 |
| RAM/Internal Storage | 2GB+8GB EMMC | 4GB+32GB EMMC |
| GPS | Internal Module | External Module |
| SD Card Expansion | 8GB Included(OTA) | 256GB Max (Store video & OTA)(Separate purchases) |
| Power Supply | Power cable or UsB cable | Hardwired (Battery + ACC wire) |
| Length of Power Cable | 220cm | 208cm |
| Purpose | Motor & Car | Motor |
| Output cables of Unit | One output cables (Power) | Four output cables (2x Camera, Power, GPS) |
| Screen Lock | Short press button | Long press button |
| Same Spec | Size:136.2*78.8*26.8mm | Frame Rate:30FPS/ 60FPS |
| | Working Temperature : -20-65°C | Processor : Arm Cortex-A53 1.2Ghz |
| | Operating System : CGOS(Linux) | Phone Screen Mirroring:Apple CarPlay & Android Auto |
| | Display : 5 inch 1280x720 1IPS | Message Notification:only for ios |
| | Brightness : 1000Nit | Peak Brightness : 1200Nit |
| Automatic Brightness : Support | | |

Figure 9: Driving data display on the AIO-5 Lite

6. MAINTENANCE

The AIO-5 Lite features IP67 waterproofing, making it suitable for various weather conditions. To maintain its

performance, regularly clean the screen with a soft, damp cloth. Avoid using abrasive cleaners or solvents. Ensure all connections are secure and free from debris. The device is designed for heat dissipation with a steel alloy frame, ensuring reliable performance.

7. TROUBLESHOOTING

If you encounter issues with your AIO-5 Lite, consider the following common solutions:

- **No Power:** Check all power cable connections to ensure they are secure. Verify the motorcycle's battery connection.
- **Connectivity Issues (CarPlay/Android Auto):** Ensure your phone's Wi-Fi and Bluetooth are enabled. Restart both the AIO-5 Lite and your smartphone. Confirm your phone supports wireless CarPlay/Android Auto.
- **Screen Unresponsive:** If the screen freezes, try restarting the device. Ensure the anti-touch mode is not accidentally activated if you are wearing gloves.
- **Camera Recording Problems:** Check if the SD card is properly inserted and has sufficient storage space. Ensure cameras are clean and unobstructed.
- **BSD Warnings Not Functioning:** Verify the radar detector is correctly installed and free from obstructions.

For persistent issues, refer to the dedicated CHIGEE GO app for further support or contact customer service.

8. SPECIFICATIONS

| Feature | Detail |
|-----------------------|----------------------------------|
| Product Dimensions | 5.47 x 0.79 x 3.11 inches |
| Item Weight | 2.9 pounds |
| Item Model Number | AIO-5 LITE |
| Batteries | 1 Lithium Ion batteries required |
| Screen Size | 5 Inches |
| Waterproofing | IP67 |
| Operating Temperature | 70°C to -20°C |
| Display Brightness | Up to 1200cd/m ² |
| Camera Sensor | IMX307 SONY STARVIS |
| Video Frame Rate | 60FPS |
| Bluetooth Version | 5.0 |
| Connectivity | Voice Control, Bluetooth, Wi-Fi |

9. WARRANTY AND SUPPORT

This motorcycle carplay system comes with a one-year warranty. For any questions or assistance regarding your CHIGEE AIO-5 Lite, please contact us through the dedicated CHIGEE GO app. Our support team aims to respond within 24 hours to address your inquiries and provide solutions.

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Related Documents - AIO-5 LITE

| | |
|---|--|
|  | <p>CHIGEE AIO-6 MAX Smart Riding System Instruction Manual</p> <p>This manual provides detailed instructions for the CHIGEE AIO-6 MAX Smart Riding System, covering product overview, package contents, component details, installation, wiring, activation, firmware upgrades, and optional accessories. It features a 6-inch ultra-bright display, HDR camera, BSD blind-spot detection, and IP69K water resistance.</p> |
|  | <p>CHIGEE AIO-5 Lite Motorcycle Smart Dash Cam User Manual</p> <p>Comprehensive user manual for the CHIGEE AIO-5 Lite Motorcycle Smart Dash Cam, covering installation, operation, features, maintenance, and technical specifications.</p> |
|  | <p>CHIGEE External Tire Pressure Sensor Installation and Pairing Guide</p> <p>A comprehensive guide to installing and pairing the CHIGEE External Tire Pressure Sensor with the AIO-5 Lite system. Learn how to monitor tire pressure and temperature for safer driving.</p> |
|  | <p>AIO-S Lite Motorcycle Smart Dash Cam User Manual</p> <p>Comprehensive user manual for the AIO-S Lite Motorcycle Smart Dash Cam, covering installation, features, firmware upgrades, and maintenance.</p> |
|  | <p>CHIGEE CG RC Original Wonderwheel Remote Control User Manual</p> <p>User instructions and functional description for the CHIGEE CG RC Original Wonderwheel Remote Control. Learn how to pair and operate the device for screen mirroring, Bluetooth, and video preview.</p> |
|  | <p>CHIGEE CG Remote Control Pro User Guide and Specifications</p> <p>Comprehensive user guide and technical specifications for the CHIGEE CG Remote Control Pro (MSFP0089), detailing its functions, pairing process, and product details for Carplay, Auto, and Hicar systems.</p> |