

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)

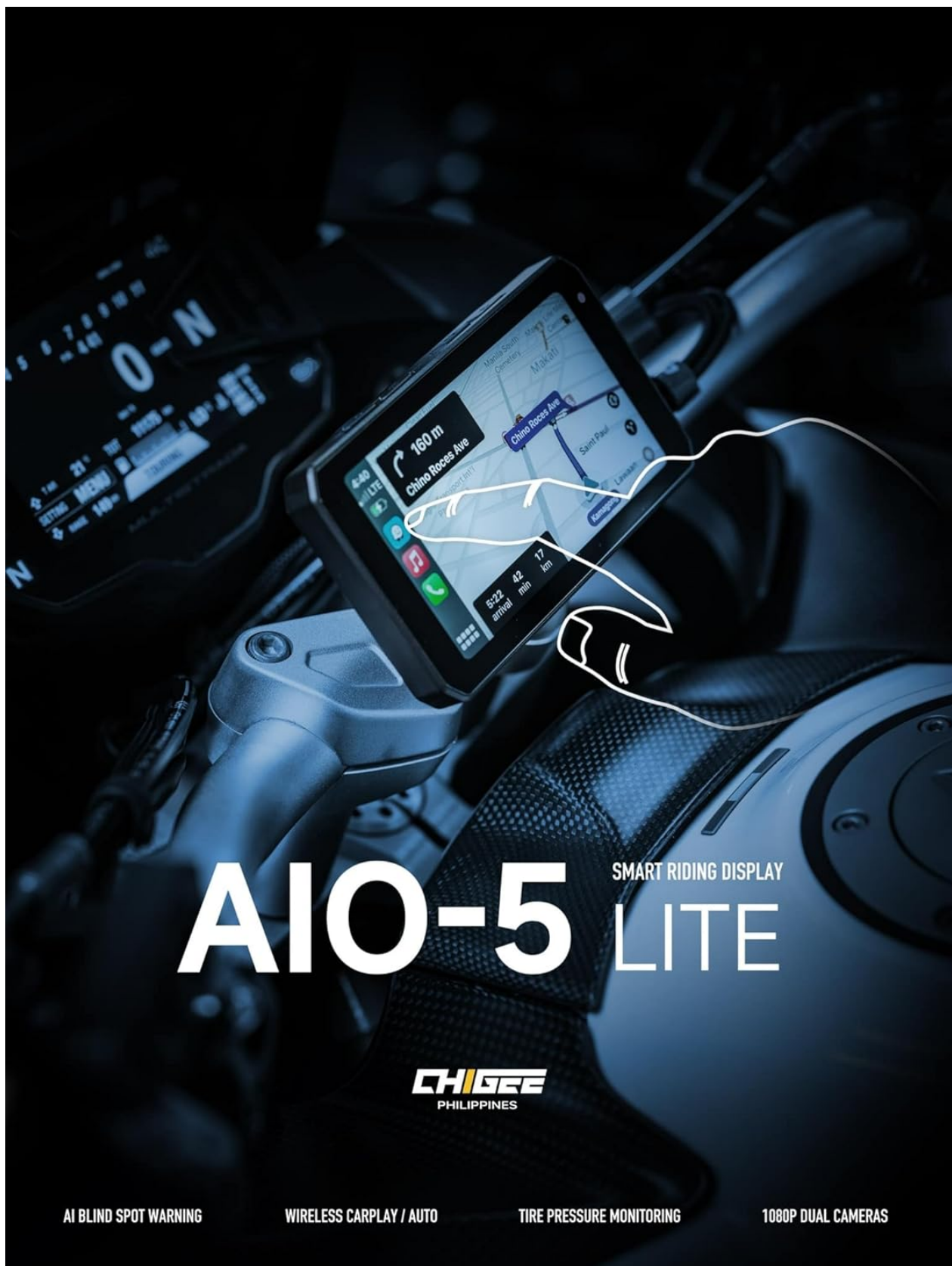


Figure 2: Included components of the AIO-5 Lite system

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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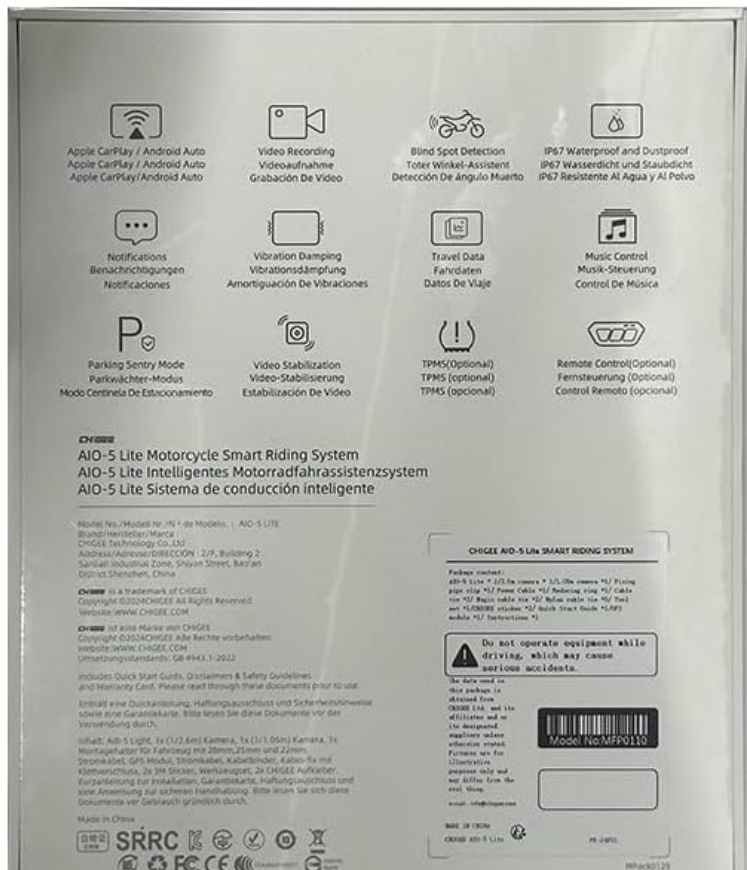
Video 1: How to install CHIGEE AIO-5 Lite



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.

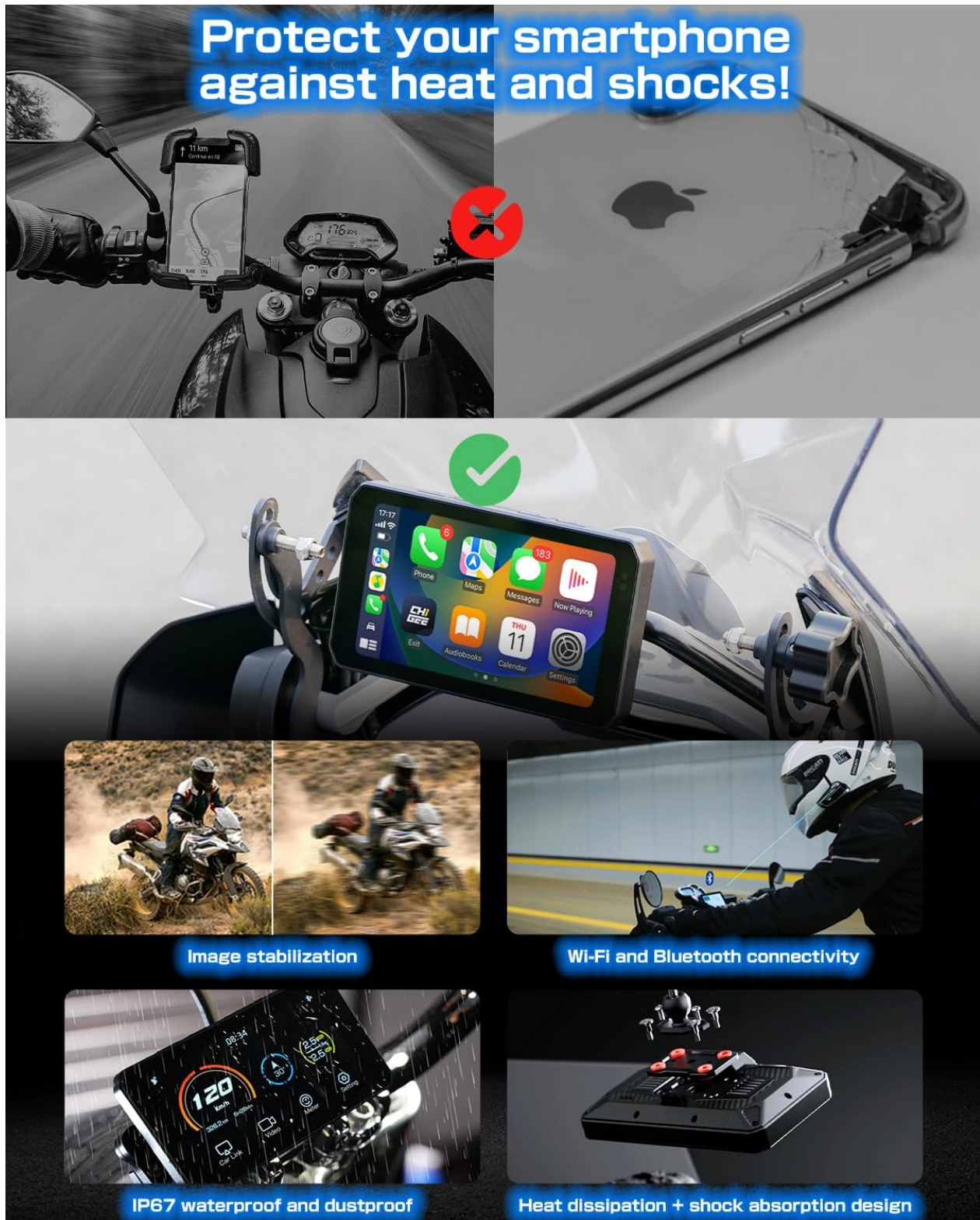


Figure 5: CarPlay interface on the AIO-5 Lite

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

BSD rear blind spot detection system

Smart AI automatically detects vehicles approaching from motorcycle's rear blind spots. When detected, a red "CAUTION" warning appears on the LCD screen to alert the rider. Recommended for elderly and beginner drivers concerned with visual checks.



The image shows the AIO-5 Lite LCD screen with a BSD warning. The screen displays a speedometer at 120 Km/h, a compass at 30°, and a fuel gauge at 2.5 Bar. A red "CAUTION" warning is visible on the left side of the screen. Below the screen, a motorcycle is shown on a road with blue concentric circles representing the BSD detection range.

Parking monitoring

Using the included cable, it enables up to 24 hours of parking surveillance recording, suitable for monitoring against vehicle break-ins or hit-and-runs.



The image shows a motorcycle parked in a parking lot. A red "24h" icon is overlaid on the image, indicating 24-hour parking monitoring.

Combines front and rear footage for output

AIO-5 Lite supports combining front and rear camera footage into a single video file for output.



The image shows a combined front and rear camera view of a road. The front view is on the left, and the rear view is on the right. The rear view shows a motorcycle in the distance. The combined view is displayed on a screen with a "53" speedometer and a timestamp "2023/05/24 00:32:23".

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.

Easily share travel memories user-friendly for everyone.

Easily achieve control with the free dedicated app!

Installing the app

① Scan and Download Now

② Search from App Store or Google Play.

Google Play
で手に入れよう

App Store
からダウンロード

CHIGEE GO

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.

Dual cameras with 136° wide-angle lens for comprehensive coverage.

Front camera

Back camera

SONY IMX307 STARVIS™ CMOS sensor, HDR for clearer video adjustments.

Bright night recordings, worry-free.

Low-light streets.

Tunnels

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.



AIO-5 Play Smart Riding Display



AIO-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)	×
Waterproff	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 Working Temperature : -20-65°C Operating System : CGOS(Linux) Display : 5 inch 1280x720 1PS Brightness : 1000Nit Automatic Brightness : Support	Frame Rate:30FPS/ 60FPS Processor : Arm Cortex-A53 1.2Ghz Phone Screen Mirroring:Apple CarPlay & Android Auto Message Notification:only for ios Peak Brightness : 1200Nit Over-the-air Update: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/m²
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>