

AZDOME GS63Pro

AZDOME GS63Pro 4K HDR Dash Cam User Manual

Model: GS63Pro | Brand: AZDOME

1. INTRODUCTION

The AZDOME GS63Pro Dash Cam is an advanced vehicle recording system designed to capture high-quality video footage of your journeys. Equipped with cutting-edge features such as 4K HDR recording, no-light full-color night vision, and integrated safety systems, it provides reliable surveillance and peace of mind. This manual will guide you through the installation, operation, and maintenance of your new dash cam.

2. WHAT'S IN THE BOX

Carefully unpack your AZDOME GS63Pro Dash Cam and verify that all items listed below are included:

- 4K front dash cam (built-in 128GB eMMC for storage)
- 1080P rear dash cam
- Dual-port USB car charger; Power cable (3.5m/12ft)
- 360° 3M sticky mount; 360° suction mount
- Installation tools; User Manual

Package List



4K Dash Cam



1080P Rear Cam
(6m/20ft)



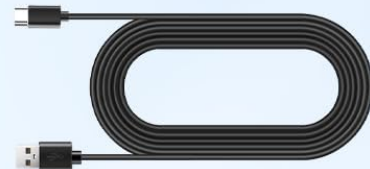
Dual USB Car Charger



360° 3M Sticky Mount



360° Suction Mount



Type-C Charging Cable
(3.5m/12ft)



Cable Clip *5
& Pry Tool



Electrostatic Sticker
(L size *2, S size *2)



User Manual

Image: All components included in the AZDOME GS63Pro package.

Video: An unboxing demonstration of the AZDOME GS63Pro dual dash cam, showing all included accessories and the main unit.

3. SETUP

3.1 Mounting the Dash Cam

Choose a suitable location on your windshield, typically behind the rearview mirror, to ensure an unobstructed view of the road. Clean the area thoroughly before applying the mount.

1. **Attach the mount:** Slide the dash cam onto the chosen mount (suction or sticky).
2. **Secure to windshield:** For the suction mount, press firmly against the windshield and turn the knob clockwise to lock it. For the sticky mount, remove the protective film and firmly press it onto the cleaned windshield surface.
3. **Adjust angle:** Adjust the camera lens to capture the desired field of view.



Image: The AZDOME GS63Pro Dash Cam with its suction cup mount, illustrating its compact design and integration with a mobile application for live view and GPS tracking.

Video: A step-by-step guide on how to install and remove the suction cup mount for the GS63 Pro dash cam, demonstrating proper attachment and detachment techniques.

Video: Detailed instructions on how to install the GS63 Pro HDR dash cam in a vehicle, covering placement, wiring, and securing the device.

3.2 Power Connection

Connect the provided power cable to the dash cam's power input port and plug the dual-port USB car charger into your vehicle's cigarette lighter socket. Route the cable neatly along the windshield trim to avoid obstruction.

3.3 Rear Camera Installation

For the rear camera, connect its cable to the main dash cam unit. Route the rear camera cable along the

vehicle's interior, typically under the headliner and along the side panels, to the rear windshield. Mount the rear camera on the inside of the rear windshield using its adhesive mount, ensuring a clear view.

4. OPERATING INSTRUCTIONS

4.1 4K HDR Recording

The AZDOME GS63Pro records video in Ultra HD 4K (3840*2160P) for the front camera and Full HD 1080P for the rear camera. This ensures incredibly clear and detailed footage, capturing important details like road signs and license plates.

Front and Rear Dual Recording

GS63 Pro dash cam captures incredibly clear and detailed footage of your travels day and night.



4K+1080P



4-Megapixel Nyxel® NIR
and Ultra Low Light Image Sensor



HDR
Technology



Image: Illustration of the dash cam's front 4K and rear 1080P dual recording capabilities, showing clear capture of road details.

4.2 No-Light Full-Color Night Vision

Equipped with upgraded No-light Full-color Night Vision technology and an advanced 4-Megapixel image sensor OS04A10, the GS63Pro delivers exceptional video quality even in low-light conditions or at night, ensuring clear and detailed recordings.

4-Megapixel Nyxel® NIR and Ultra Low Light Image Sensor

GS63 Pro features advanced image sensor OS04A10, which maintains the industry's best performance, day and night, for detecting incident light in both the visible and NIR wavelengths to produce even more precise color and monochrome images.

150% 
IR illumination
in total darkness

95% 
High dynamic range
(HDR) performance

87% 
Object identification
accuracy



Image: Diagram highlighting the 4-Megapixel Nyxel® NIR and Ultra Low Light Image Sensor (OS04A10) for enhanced night vision performance.

Video: Demonstrates the AZDOME 4K HDR Dash Cam's no-light full-color night vision capabilities, showcasing clear video capture in dark environments.

4.3 Built-in 128GB eMMC Storage

The GS63Pro features a built-in 128GB eMMC (Embedded Multi Media Card) for storage. This provides stable performance by preventing frame-skipping or reading errors, offering faster read and write speeds compared to traditional SD cards and ensuring enhanced portability with non-volatile storage technology.

Built-in 128GB eMMC

128GB eMMC (Embedded Multi Media Card) is built in the dash cam for storage. It offers faster read and write speeds than SD cards.



Image: Visual representation of the built-in 128GB eMMC storage within the dash cam, emphasizing its faster performance compared to SD cards.

4.4 Advanced Driving Assistant System (ADAS)

The ADAS feature analyzes road conditions using artificial intelligence to provide real-time warnings to the driver, enhancing safety. This includes warnings for lane departure, forward collision, and pedestrian collision.

Advanced Driving Assistant System



Lane Departure Warnings



Pedestrian Collision Warnings



Forward Collision Warnings

Image: Illustrations of ADAS features including Lane Departure Warnings, Pedestrian Collision Warnings, and Forward Collision Warnings.

4.5 Smart App Control & 5GHz WiFi

Connect the GS63Pro dash cam to your smartphone via 5GHz WiFi using the AZDOME app. This allows you to easily view live footage, playback recorded videos, download files, and share them directly from your phone. The 5.8GHz WiFi ensures faster download speeds, allowing you to download an 800Mb video within 10 seconds.

Built-in 5GHz WiFi & GPS



Live



Replay

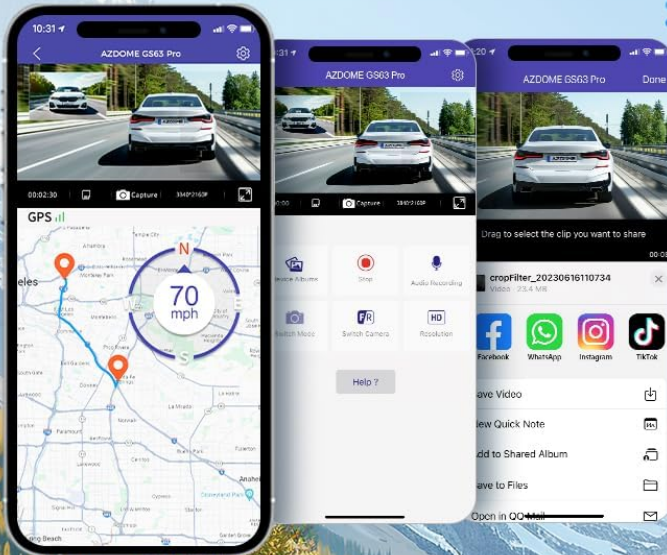


Share



Download

App Control



Download **4X** faster



Download on the
App Store

GET IT ON
Google Play

 **AZDOME APP**

GPS Tracking



Image: Depicts the dash cam's built-in 5GHz WiFi and GPS capabilities, showing app control for live view, replay, sharing, and downloading, along with GPS tracking on a map.

4.6 Built-in GPS

The built-in GPS accurately records your route and driving speed information. You can review this data along with your video footage through the AZDOME App Player, providing a comprehensive record of your travels.

4.7 24H Parking Mode

The dash cam supports 24-hour parking mode. With the G-Sensor, it automatically detects impacts and locks the current video as an emergency file. Motion detection also triggers recording when an object moves in front of the camera, ensuring continuous surveillance even when parked.

5. TROUBLESHOOTING

If you encounter any issues with your AZDOME GS63Pro Dash Cam, please refer to the following common troubleshooting steps:

- **Camera not powering on:** Ensure the power cable is securely connected to both the dash cam and the car charger, and that the car charger is properly inserted into the vehicle's power outlet. Check your vehicle's fuse box if necessary.
- **Recording issues:** Verify that the built-in eMMC storage is not full. If it is, older unlocked videos will be overwritten by loop recording. Ensure the camera is not in a paused state.
- **Wi-Fi connection problems:** Make sure your phone's Wi-Fi is enabled and connected to the dash cam's Wi-Fi network. Restart both the dash cam and your phone, then try connecting again.
- **GPS not working:** Ensure the dash cam has a clear view of the sky to receive GPS signals. It may take a few minutes for the GPS to acquire a signal after powering on.
- **Poor video quality:** Clean the camera lens regularly. Ensure the protective film has been removed from the lens. Check that the resolution settings are set to 4K for the front camera and 1080P for the rear camera.

For persistent issues, please contact AZDOME customer support.

6. SPECIFICATIONS

Feature	Specification
Product Dimensions	9.45 x 2.36 x 5.51 inches
Item Weight	1.61 pounds
Connectivity Technologies	Wi-Fi
Special Features	G-Sensor, Parking Monitor, Night Vision, App Control, Built-In GPS
Color	Black
Manufacturer	AZDOME
Model Name	GS63Pro
Orientation	Front and Rear
Video Capture Resolution	2160p
Mounting Type	Windshield Mount

7. WARRANTY AND SUPPORT

AZDOME dashcams are covered by a **12-month warranty** and lifetime technical support. If you experience any problems or have questions regarding your GS63Pro Dash Cam, please do not hesitate to contact our customer support team for assistance.

For further support, visit the official AZDOME store: [AZDOME Store on Amazon](#)