AZDOME AZDOME GS63H Pro 4K Dual Dash Cam

AZDOME GS63H Pro 4K Dual Dash Cam User Manual

Model: GS63H Pro

INTRODUCTION

The AZDOME GS63H Pro is a high-performance 4K front and 1080P rear dual dash camera system designed to provide comprehensive video surveillance for your vehicle. Featuring advanced technologies such as STARVIS Night Vision, built-in GPS, Wi-Fi 6 connectivity, and 24-hour parking monitoring, this dash cam ensures clear recordings and reliable evidence for various driving scenarios. This manual provides detailed instructions for setup, operation, and maintenance of your device.

Image: The AZDOME GS63H Pro dash cam, showing its main unit, rear camera, and a smartphone displaying the companion app interface with live view and GPS tracking.

What's in the Box

Verify that all components are present in your package:

- GS63H Pro 4K Dash Cam (Front Unit)
- 1080P In-car Rear Camera (6m/20ft cable)
- 64GB Memory Card
- 12ft Power Supply Cable with Car Charger (Dual USB)
- Suction Cup Mount
- Sticky Mount
- Electrostatic Sticker (x1)
- Pry Tool (x1)

- Cable Clips (x5)
- User Manual

Packing Box

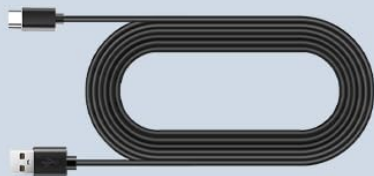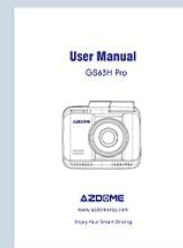| GS63H Pro Dash Cam	Rear Camera (6m/20ft)
Dual USB Car Charger	Suction Mount	Sticky Mount
Type-C Power Cable (3.5m/12ft)	Pry Tool *1	Cable Clips *5
Electrostatic Sticker *1	64G SD Card	User Manual

Image: A visual representation of all items included in the AZDOME GS63H Pro package, neatly arranged.

SETUP

1. Installing the Dash Cam

Choose between the suction cup mount or the sticky mount for installation on your windshield. Ensure the chosen location does not obstruct your view or interfere with airbags. Clean the windshield surface thoroughly before applying the electrostatic sticker and then the mount.

Optional Accessories

AZDOME Hardwire Kit
(ASIN: B0BM9JL327)

AZDOME OBD Hardwire Kit
(ASIN: B0CX945M7P)

AZDOME 20ft 4Pin Extend Cable
(ASIN: B0CYGF25JM)

Image: An illustration demonstrating the recommended cable routing path within a car and the placement of the front dash cam on the windshield.

For detailed installation instructions, refer to the video below:

Your browser does not support the video tag.

Video: This video demonstrates how to install the suction cup mount for the GS63H Pro dash cam.

Your browser does not support the video tag.

Video: A detailed installation guide for the AZDOME GS63H Pro Dash Cam, covering various aspects of setting up the device in your vehicle.

2. Inserting the Memory Card

Insert the provided 64GB memory card into the dash cam's SD card slot until it clicks into place. Ensure the card is inserted correctly to avoid damage.

3. Connecting Power

Connect the 12ft power supply cable to the dash cam and plug the car charger into your vehicle's cigarette lighter socket. The dash cam will automatically power on and begin recording when the vehicle's ignition is turned on.

1080P Rear Cam (360° Rotating)

Replaceable **3M** Adhesive Bracket

2 USB Car Charger

GS63H Pro 4K+1080P

64GB Card included (Max.512GB)

3 Parking Modes

3X WiFi Transmission Speed

6 GPS Date & **SR** Tech

4 Video Timeline

SONY STARVIS Sensor

Image: A dual USB car charger plugged into a car's power outlet, illustrating how to power the dash cam and an additional device.

4. Rear Camera Connection

Connect the rear camera to the main dash cam unit using the provided cable. Route the cable neatly along the vehicle's interior trim using the pry tool and cable clips. The rear camera provides a 140° wide-angle view and records in 1080P Full HD.

4K+1080P Dual Dash Cam

4K+1080P dual channel recording, which helps capture more of the road around you.

Front: 4K

Rear: 1080P

Image: A split image demonstrating the 4K front camera view and the 1080P rear camera view, highlighting the dual recording capability.

5. Wi-Fi and App Control Setup

Download the "AZDOME" app from the App Store or Google Play. Connect your smartphone to the dash cam's Wi-Fi network (effective range is about 25 feet). Through the app, you can view live footage, play back recordings, download files, and manage settings.

Image: A step-by-step guide illustrating how to connect the AZDOME GS63H Pro dash cam to a smartphone via Wi-Fi using the AZDOME app.

WiFi 6 & APP Connect

Configure settings, playback, download and share footage.

Image: A smartphone displaying the AZDOME app, demonstrating its features for live viewing, replaying, sharing, and downloading dash cam footage.

OPERATING INSTRUCTIONS

Loop Recording

The dash cam continuously records video in a loop. When the memory card is full, the oldest footage is automatically overwritten

by new recordings. This ensures uninterrupted recording without manual intervention. The included 64GB card provides ample storage, and the system supports cards up to 512GB.

Image: An illustration explaining the loop recording function, showing how older files are overwritten and providing a table of recording times for different SD card sizes.

G-Sensor & Emergency Lock

The built-in G-sensor automatically detects sudden shakes or collisions. In such an event, the current video segment is automatically locked and saved to a protected folder, preventing it from being overwritten by loop recording. This secures critical accident footage.

Image: A visual representation of the emergency lock feature, showing a collision scenario and the dash cam screen with a lock icon, indicating protected footage.

24H Parking Monitoring

For continuous surveillance when your vehicle is parked, connect the dash cam to a hardwire kit (sold separately, ASIN: B0BM9JL327). This enables features like motion detection, time-lapse recording, and collision detection while the vehicle is off, providing 24-hour protection.

24H Parking Monitor

Need to connect the hardwire kit (ASIN: B0BM9JL327)

140°

170°

24H

Motion Detection

Time Lapse

Collision Detection

Image: An illustration depicting the 24-hour parking monitoring modes: motion detection, time-lapse recording, and collision detection, with a car in a parking lot.

Emergency Lock

Auto lock and save the accident video to avoid being overwritten when a collision detected.

Image: A graphic explaining that 24-hour parking mode requires a 3-lead hardwire kit, with an image of the kit and cars in a parking lot.

Time-Lapse Recording

It will be recorded at 1fps, a faster rate per second, 1 min time lapse video=30 mins real time coverage. Record longer, save Micro-SD space and capture wonderful scenes.

Image: An illustration of the motion detection parking mode, showing the dash cam recording a person moving near the parked car.

Timeline Review

Simply swipe or tap the timeline in the app to quickly navigate through your videos, effortlessly locate key moments or events, and enhance your review experience.

Ordinary Video   Emergency Video   Parking Monitoring   Time Lapse Video

AZDOME APP

GET IT ON Google Play

Download on the App Store

Image: A visual explanation of time-lapse recording, demonstrating how 1 minute of time-lapse video covers 30 minutes of real-time footage.

GPS Tracking

The built-in GPS module records your driving route, real-time speed, and precise location data. This information can be viewed using the free AZDOME GPS Player software on your PC or Mac, providing valuable evidence if needed.

GPS Tracking
The built-in GPS precisely logs your location, speed, and time in real time, providing valuable evidence in the event of an accident.

Image: A composite image showing the dash cam, a laptop with GPS player software displaying a map and driving data, and a smartphone with a similar interface, illustrating the GPS tracking feature.

Image: A graphic illustrating the GPS tracking feature, showing a car on a road with a map overlay on a laptop and smartphone, indicating location, route, and speed playback.

WDR & STARVIS Night Vision

Equipped with an F1.8 aperture lens, 6-layer glass, and HDR/WDR technology, the dash cam captures brighter and clearer recordings, especially in low-light conditions or at night. The STARVIS sensor enhances night vision performance.

WDR Night Vision

Capture clear details even at night or in low-light.

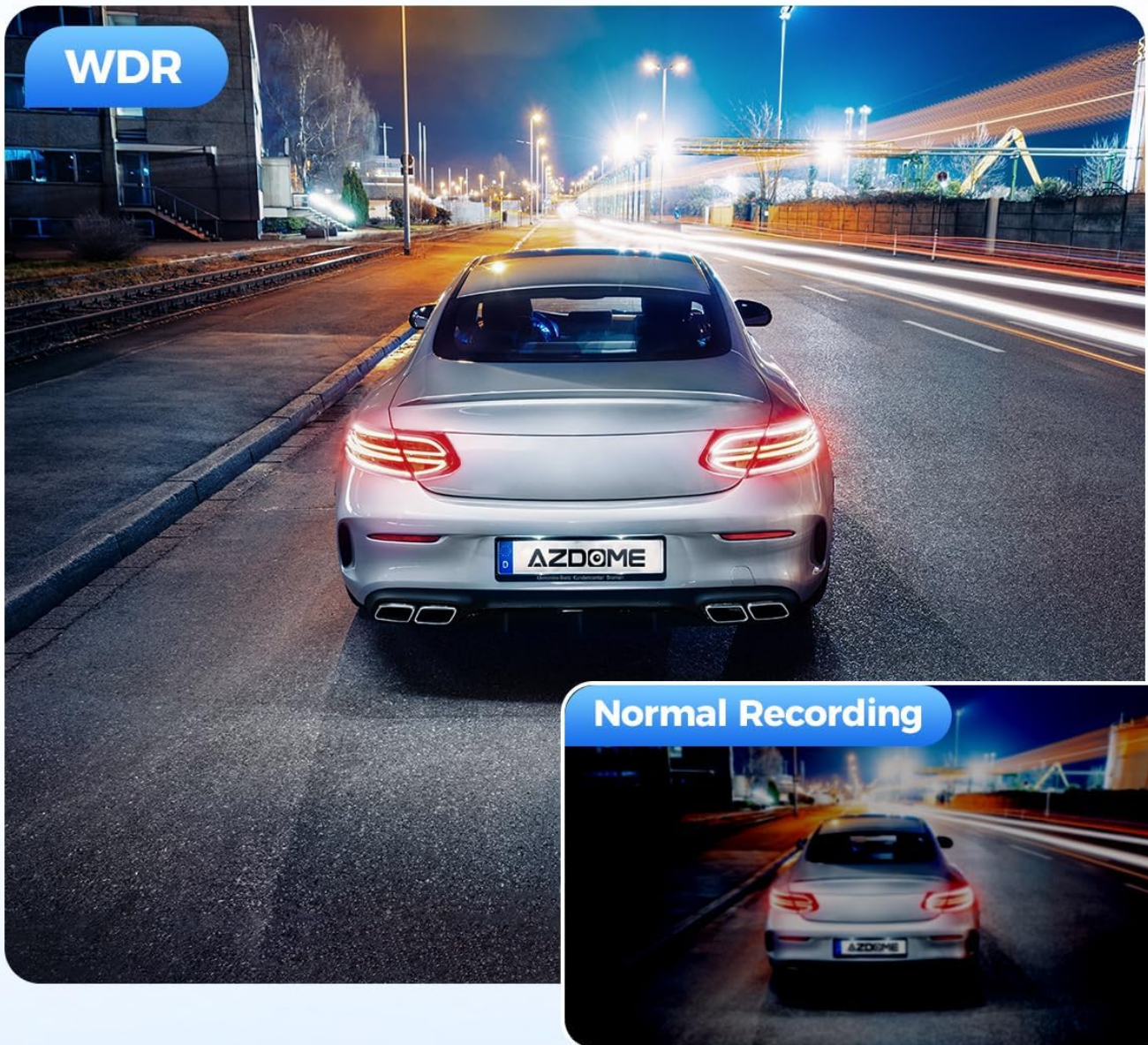SONY STARVIS   WDR   F1.8   6-glass Lens

Image: A comparison showing the difference between normal recording and enhanced night vision with WDR, illustrating clearer details in low-light conditions.

Image: A graphic highlighting the key features of WDR Night Vision, including SONY STARVIS, WDR technology, F1.8 aperture, and a 6-glass lens, with a car driving at night.

SR Technology & Timeline Review

SR (Super Reality) technology overlays essential information like driving route, direction, speed, and acceleration onto your video footage, providing valuable context. The AZDOME app also features a timeline review, allowing you to quickly navigate through videos and locate key moments (Ordinary, Emergency, Parking Monitoring, Time Lapse videos).
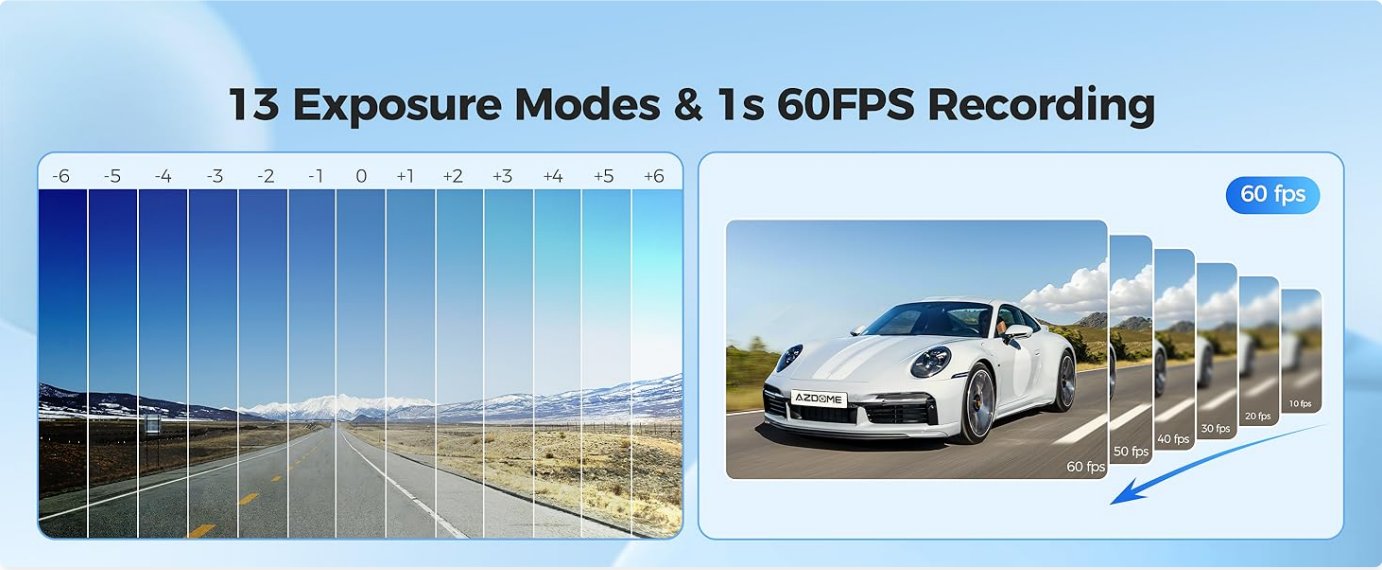

Image: A visual explanation of SR Technology, showing driving data overlaid on video footage, and the timeline review feature within the AZDOME app.

SR Technology

SR technology overlays essential information such as driving route, direction, speed, and acceleration onto your video footage, enhancing its visual appeal and providing valuable context for your recordings.

2025/01/15 Wednesday 11:21

Note: After the video is downloaded, view it in the local album of the AZDOME APP

Image: A graphic detailing the timeline review feature in the AZDOME app, showing different types of video (Ordinary, Emergency, Parking Monitoring, Time Lapse) color-coded for easy navigation.

MAINTENANCE

Formatting the Memory Card

It is recommended to format the memory card regularly (e.g., once a month) to ensure optimal performance and prevent data corruption. This can be done through the dash cam's settings menu or via the AZDOME app.

Cleaning the Device

Use a soft, dry cloth to clean the dash cam's lens and screen. Avoid using abrasive cleaners or solvents, as they may damage the device. Ensure the lens is free of dust and smudges for clear recordings.

Firmware Updates

Periodically check the AZDOME official website or the app for available firmware updates. Keeping your dash cam's firmware up-to-date ensures you have the latest features and performance improvements.

TROUBLESHOOTING

Problem	Possible Solution
Dash cam does not power on.	Check the power connection to the car charger and ensure the car charger is properly inserted into the cigarette lighter socket. Verify the vehicle's ignition is on.
Recording stops or freezes.	Format the memory card regularly. Ensure you are using a high-speed (Class 10 or U3 recommended) memory card. The card might be full or corrupted.
Wi-Fi connection issues.	Ensure your phone's cellular data is turned off before connecting to the dash cam's Wi-Fi. Keep your phone within 25 feet of the dash cam. Restart both the dash cam and your phone.
Poor video quality at night.	Ensure the windshield and camera lens are clean. Verify WDR/HDR settings are enabled in the menu.

Problem	Possible Solution
GPS not tracking location.	Ensure the dash cam has a clear view of the sky. Update the GPS player software on your PC/Mac.

SPECIFICATIONS

Feature	Detail
Model Name	AZDOME GS63H Pro 4K Dual Dash Cam
Front Camera Resolution	Ultra HD 4K (3840x2160P)
Rear Camera Resolution	FHD 1080P
Front Camera Angle	170° Wide Angle
Rear Camera Angle	140° Wide Angle
Display Screen	2.4" IPS Screen
Connectivity	Wi-Fi 6, GPS, USB, Bluetooth
Night Vision	STARVIS Sensor, WDR/HDR Technology, F1.8 Aperture, 6-layer Glass Lens
Parking Mode	24H Monitoring (requires hardwire kit) with Motion Detection, Time-Lapse, Collision Detection
Recording Features	Loop Recording, G-Sensor (Collision Detection), Emergency Lock
Included Memory Card	64GB (supports up to 512GB)
Product Dimensions	9.45 x 2.36 x 5.51 inches
Item Weight	1.36 pounds

WARRANTY AND SUPPORT

AZDOME offers an 18-month extended warranty for the GS63H Pro dash cam. We are committed to providing lifetime technical support for our products.

Warranty Period: 18 Months Extended Warranty

Return Policy: 30 Days Return Policy

Defects: Return on Defects

Technical Support: Lifetime Technical Support

For any questions or concerns, please contact our customer service team:

Email: service@azdomevip.com

Phone: (833) 6675545

Availability: 7 days a week, 24 hours a day

Image: AZDOME's customer support details, including email and phone number, with a representative image.