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› [AZDOME](#) /

› [AZDOME M27 2K Dash Cam User Manual](#)

AZDOME M27

AZDOME M27 2K Dash Cam User Manual

Model: M27 | Brand: AZDOME

INTRODUCTION

The AZDOME M27 Dash Cam is a high-definition vehicle recording device designed to capture clear footage of your journeys and provide security monitoring. Featuring 2K QHD resolution, built-in WiFi, and essential safety functions like G-Sensor and Parking Monitor, it offers reliable performance for your driving needs.

WHAT'S IN THE BOX

What's in Box



2K Dash Cam x1



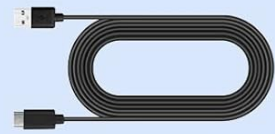
Sticky Mount x1



Double-Sided Tape x1



USB Car Charger x1



Type-C USB Power Cable (3.5M/12ft) x1



Electrostatic Film x2



Cable Clip x5
Pry Tool x1



User Manual x1

Image: All components included in the AZDOME M27 Dash Cam package.

- AZDOME M27 2K Dash Cam x1
- Sticky Mount x1
- USB Car Charger x1
- Type-C USB Power Cable (3.5m/12ft) x1
- Double-sided Tape x1
- Electrostatic Film x2
- Cable Clip x5
- Pry Tool x1
- User Manual x1

SETUP GUIDE

1. Prepare the Micro SD Card

Before first use, insert a Class 10 or U3 speed Micro SD card (up to 128GB, not included) into the dash cam. It is crucial to format the SD card directly within the dash cam for optimal performance. Reformat the card monthly to maintain recording efficiency.

2. Install the Dash Cam

1. Clean the windshield area where the dash cam will be mounted.
2. Apply an electrostatic film to the chosen area on the windshield. This helps in easy removal and prevents residue.
3. Attach the sticky mount to the electrostatic film.
4. Slide the dash cam onto the sticky mount until it clicks into place.
5. Route the USB power cable from the dash cam to the USB car charger, tucking the cable along the windshield edge and dashboard using the pry tool and cable clips for a neat installation.
6. Plug the USB car charger into your vehicle's cigarette lighter socket.



Image: The AZDOME M27 Dash Cam installed in a vehicle, showing its connection to the mobile application.

3. Power On and Initial Setup

Once connected to power, the dash cam will automatically turn on and begin recording. Follow the on-screen prompts to set the date, time, and other preferences. Ensure the SD card is formatted when prompted.

4. Connect to WiFi and AZDOME App

The AZDOME M27 features built-in WiFi for easy access to recordings and settings via your smartphone. Download the official AZDOME app from the App Store (iOS) or Google Play Store (Android).

1. Enable WiFi on your dash cam through the settings menu.
2. On your smartphone, connect to the dash cam's WiFi network (SSID and password will be displayed on the dash cam screen).
3. Open the AZDOME app to view live footage, playback recordings, download files, and adjust settings.

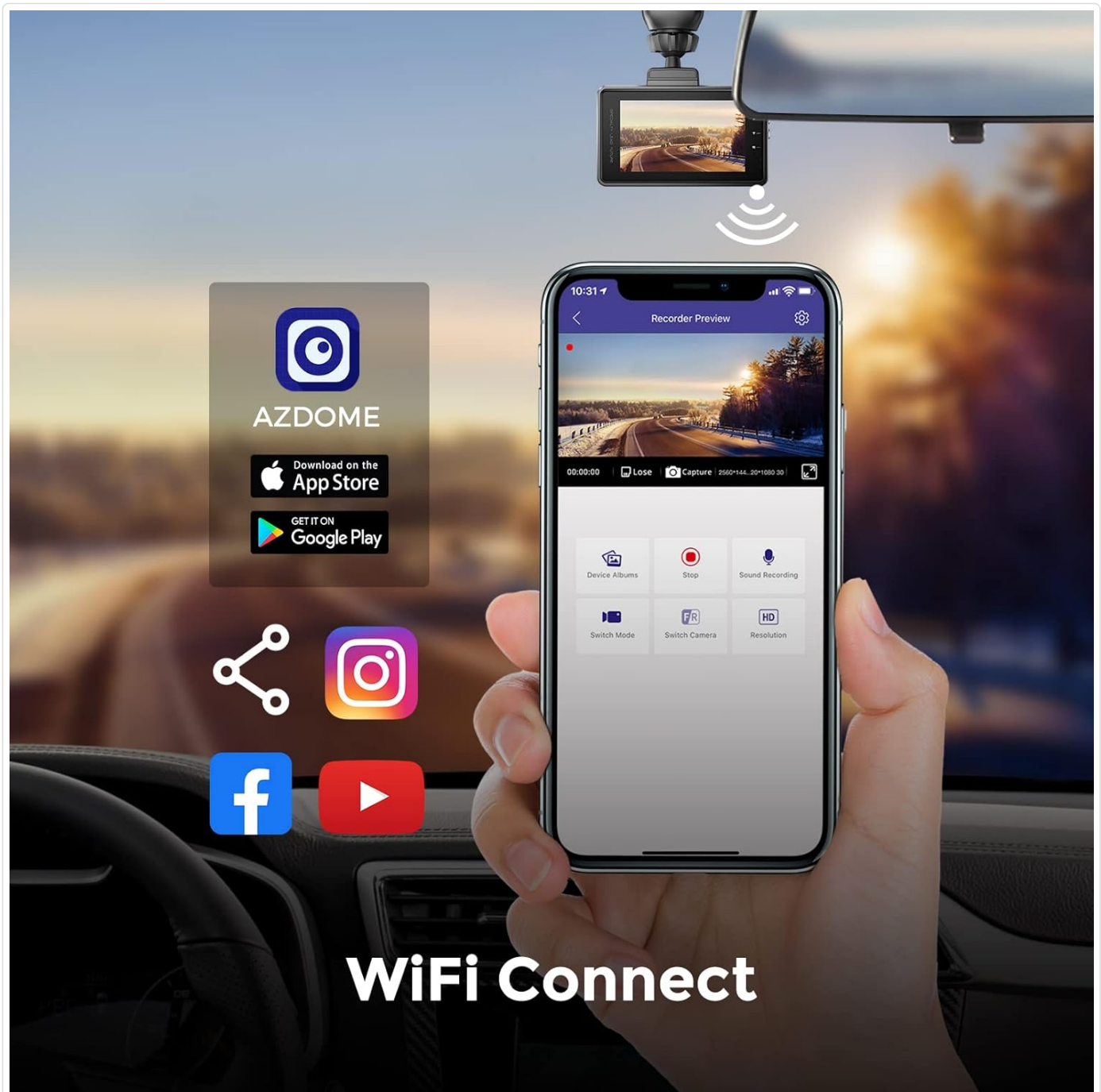


Image: The AZDOME mobile application interface, demonstrating WiFi connectivity for managing dash cam footage and settings.

OPERATING INSTRUCTIONS

Automatic Recording

The dash cam automatically starts recording when connected to power and the vehicle ignition is turned on. It will save video

segments in a continuous loop.

Loop Recording

The loop recording feature ensures continuous recording by overwriting the oldest unlocked files when the SD card is full. This prevents the need for manual deletion of old footage.

G-Sensor & Emergency Lock

The built-in G-Sensor detects sudden impacts or collisions. When an event is detected, the current video segment is automatically locked and protected from being overwritten by loop recording. This ensures critical evidence is preserved.

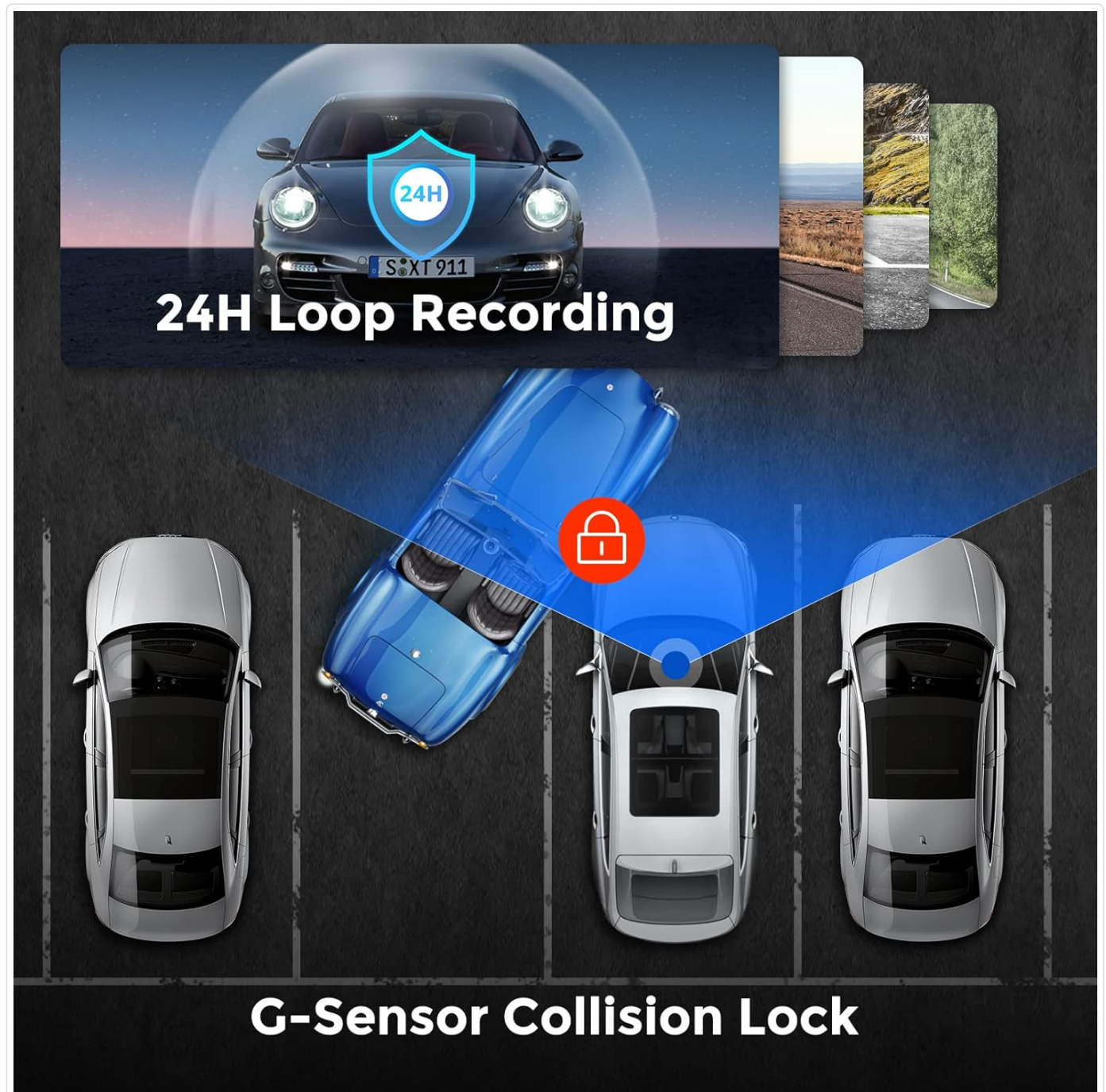


Image: Visual representation of the 24-hour loop recording and G-Sensor collision lock features, highlighting automatic footage protection.

Super Night Vision

Equipped with an F1.8 large aperture, the AZDOME M27 enhances exposure in low-light conditions, providing clear and detailed video footage even at night. This ensures visibility of road signs and license plates.

Super Night Vision



UHD 2K



150°



F1.8 Aperture



Image: Demonstration of the dash cam's Super Night Vision, capturing clear details like license plates in dark environments.

24H Parking Monitor

For continuous surveillance when your vehicle is parked, the 24H Parking Monitor feature can be activated. This requires a hardwire kit (sold separately) to provide constant power to the dash cam. When enabled, the dash cam will record incidents even when the car is off.

Wide Dynamic Range (WDR)

The WDR technology optimizes video quality in varying light conditions, ensuring balanced exposure in both bright and dark areas of the frame. This helps capture crucial details without overexposure or underexposure.

MAINTENANCE

SD Card Management

To ensure reliable recording and prevent data corruption, it is recommended to reformat your Micro SD card monthly using the

dash cam's format function. This helps clear fragmented files and maintain optimal performance.

Temperature Considerations

The AZDOME M27 is built with a supercapacitor, allowing it to withstand extreme temperatures from -4°F to 158°F (-20°C to 70°C). This makes it suitable for various climates. Due to the supercapacitor design, the dash cam requires constant external power to operate; it does not have a built-in battery for standalone operation.

Cleaning

Gently wipe the lens and screen with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the device.

TROUBLESHOOTING

- **Dash Cam does not turn on:** Ensure the USB car charger is securely plugged into the vehicle's power outlet and the dash cam. Verify the vehicle's power outlet is functional. The dash cam requires constant external power.
- **"Please Insert a memory Card" message:** This indicates that no SD card is detected or the inserted card is not recognized. Ensure the SD card is properly inserted. If it is, try reformatting the card via the dash cam's settings or try a different compatible (Class 10 U3, up to 128GB) SD card.
- **Video footage is blurry or unclear:** Check if the protective film has been removed from the lens. Clean the lens with a soft cloth. Ensure the windshield area where the camera is mounted is clean.
- **Dash Cam frequently restarts or freezes:** This can often be resolved by reformatting the SD card. If the issue persists, try a different compatible SD card. Ensure the power connection is stable.
- **WiFi connection issues:** Ensure the AZDOME app is updated to the latest version. Confirm you are connecting to the correct WiFi network broadcast by the dash cam. Try restarting both the dash cam and your smartphone.
- **Parking Monitor not working:** The 24H Parking Monitor requires a hardwire kit (sold separately) for continuous power. Ensure the hardwire kit is correctly installed and connected.

SPECIFICATIONS

Model Name	M27
Brand	AZDOME
Video Capture Resolution	2K (2560x1440P)
Display	3-inch IPS Screen
Lens Aperture	F1.8
Field of View	150° (Front)
Storage Support	Up to 128GB Micro SD Card (Class 10, U3 recommended)
Connectivity	Built-in WiFi (APP control)
Special Features	WDR, Night Vision, Parking Monitor (requires hardwire kit), G-Sensor, Loop Recording, Super Capacitor
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Product Dimensions	4.76 x 6.3 x 2.52 inches
Item Weight	13.4 ounces






WARRANTY AND SUPPORT

AZDOME products typically come with a manufacturer's warranty. For specific warranty details, technical support, or service inquiries, please refer to the official AZDOME website or contact their customer support directly. Please note that arbitrary disassembly is not covered under warranty.

For more information, visit the [AZDOME Store on Amazon](#).


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Related Documents - M27

<div></div>	<p>AZDOME PG17 Pro 4K+2.5K Mirror Dash Cam User Manual</p> <p>An introduction and user manual for the AZDOME PG17 Pro mirror dash cam, detailing its features, installation, specifications, and operation. Learn how to use your 4K+2.5K dash cam for optimal performance.</p>
<div></div>	<p>AZDOME M01 Max 2 Channel Dash Cam User Manual</p> <p>Comprehensive user manual for the AZDOME M01 Max 2 Channel Dash Cam, detailing specifications, installation, features, and button functions. Includes setup guide and customer service information for optimal vehicle safety.</p>
<div></div>	<p>AZDOME M01 Car Dashcam User Manual</p> <p>Comprehensive user guide for the AZDOME M01 car dashcam, covering installation, operation, features, FAQs, and specifications. Learn how to set up and use your device for safe driving.</p>
<div></div>	<p>AZDOME M27 Dash Cam User Manual</p> <p>Comprehensive user manual for the AZDOME M27 dash cam, covering installation, operation, features, troubleshooting, and firmware updates. Learn how to use your dash cam for optimal performance and safety.</p>
<div></div>	<p>AZDOME M63 Dash Cam Owner's Manual</p> <p>Comprehensive owner's manual for the AZDOME M63 dash cam, covering installation, features, settings, troubleshooting, and firmware updates. Learn how to set up and use your smart driving companion.</p>

User Manual

M550 Pro



AZDOME

www.azdome.com

Enjoy Your Smart Driving


[AZDOME M550 Pro User Manual - 3-Channel Dash Cam Installation & Operation Guide](#)

Comprehensive user manual for the AZDOME M550 Pro 3-channel dash cam, covering installation, operation, specifications, and troubleshooting. Learn how to set up and use your M550 Pro dashcam for optimal driving safety and recording.

Documents - AZDOME – M27

User Manual

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[AZDOME M27 Dash Cam User Manual](#)
Comprehensive user manual for the AZDOME M27 dash cam, covering installation, operation, features, troubleshooting, and firmware updates. Learn how to use your dash cam for optimal performance and safety.
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User Manual

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www.azdome.com

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lang:en score:30 filesize: 13.72 M page_count: 36 document date: 2022-10-28

BARREL SERIES DASHCAM



M300S

4K Dash Cam Support GPS and Wi-Fi



Model

Resolution

Video Resolution

Video Format

Audio

Display

Storage

Power


Weight

Dimensions

Package Content

M300

4K Dash Cam Support GPS and Wi-Fi



Model

Resolution

Video Resolution

Video Format

Audio

Display

Storage

Power


Weight

Dimensions

Package Content

M330

4K Dash Cam Support GPS and Wi-Fi



Model

Resolution

Video Resolution

Video Format

Audio

Display

Storage

Power

Weight

Dimensions

Package Content

[AZDOME Dashcam Product Catalog: Barrel, Budget, High-End, Mirror, and 4G Series](#)
Explore the comprehensive range of AZDOME dashcams, including 4K, 2K, and 1080P models across Barrel, Budget, High-End, Mirror, and 4G series, featuring GPS, Wi-Fi, advanced sensors, and various recording capabilities for enhanced vehicle security.
lang:en score:25 filesize: 1.59 M page_count: 4 document date: 2022-11-11

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www.azdome.com

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[AZDOME M27 Dashcam User Manual: Installation and Operation Guide](#)

Comprehensive user manual for the AZDOME M27 dashcam, covering installation, setup, features, troubleshooting, and firmware updates. Learn how to use your dashcam effectively.

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