Azdome M01 Pro

AZDOME M01 Pro Dashcam User Manual

Model: M01 Pro

1. Product Overview

The AZDOME M01 Pro is a full HD 1080P front and rear dashcam designed to provide comprehensive road coverage and security for your vehicle. It features a 3-inch IPS screen, a wide 150° front viewing angle, and a 120° rear viewing angle, ensuring clear and detailed recordings day and night. Equipped with advanced functions such as G-sensor, 24-hour parking monitor, loop recording, and fatigue warning, the M01 Pro offers reliable protection and peace of mind during your drives and while parked.

Image: The AZDOME M01 Pro Dashcam package includes the main front camera unit with a suction cup mount, a separate rear camera, and a 64GB Micro SD card.

2. What's in the Box

- AZDOME M01 Pro Dashcam (Main Unit with 3-inch IPS screen)
- Rear Camera
- 64GB Micro SD Card
- Car Charger (Dual USB)
- Suction Cup Mount
- 3M Adhesive Mount
- USB Cable
- User Manual

3. Setup and Installation

3.1 Inserting the Micro SD Card

Before first use, insert the provided 64GB Micro SD card into the dashcam's card slot. Ensure the card is

inserted correctly until it clicks into place. It is recommended to format the SD card within the dashcam's settings before initial use to ensure optimal performance.

Image: Illustration showing the insertion of the Micro SD card into the dashcam and estimated recording times for 32GB, 64GB, and 128GB cards.

3.2 Front Camera Installation

1. Clean the windshield area where you intend to mount the dashcam.
2. Attach the suction cup mount or 3M adhesive mount to the dashcam.
3. Securely attach the dashcam to the windshield, ideally behind the rearview mirror to avoid obstructing your view.
4. Route the power cable neatly along the edge of the windshield and dashboard, connecting it to the car charger.

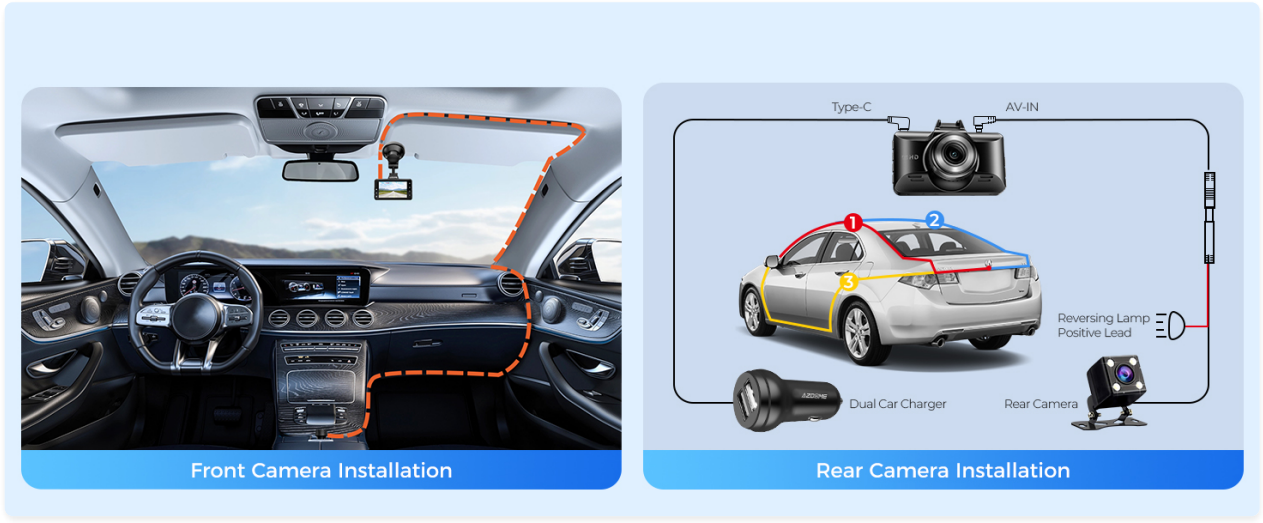

Image: A diagram illustrating the recommended cable routing for the front dashcam and the connection points for the rear camera and power supply.

3.3 Rear Camera Installation

1. Mount the rear camera on the rear windshield or license plate area. For clearer footage, mounting on the license plate is recommended, especially if tinted windows are present.
2. Connect the rear camera cable to the main dashcam unit.
3. For parking assistance functionality, connect the red reverse line of the rear camera to the positive pole of your vehicle's reverse light.

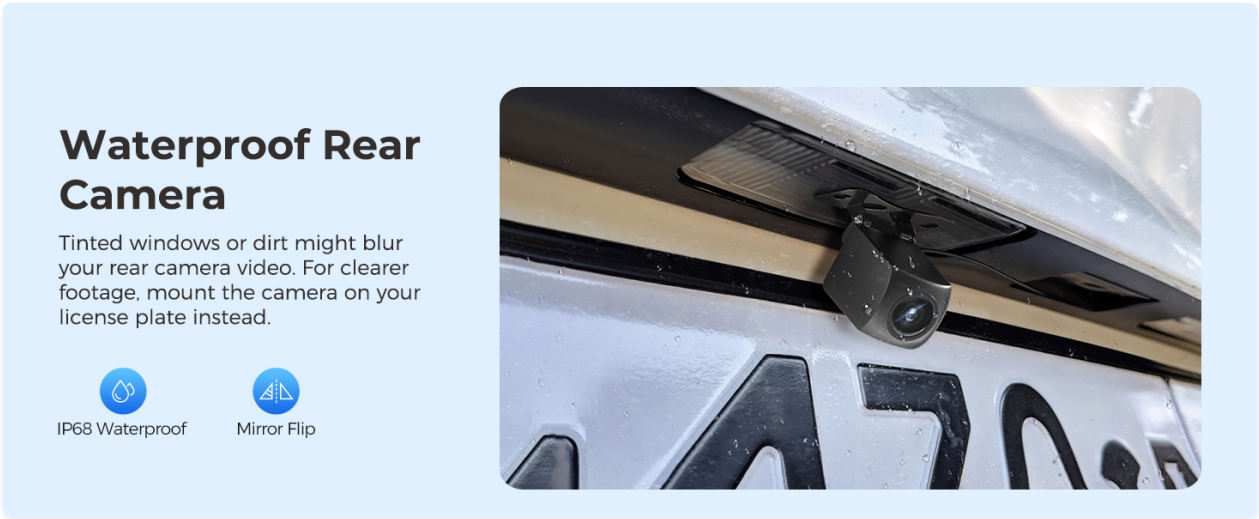

Image: A waterproof rear camera mounted above a vehicle's license plate, highlighting its IP68 waterproof rating and mirror flip function.

4. Operating Instructions

4.1 Power On/Off

- **Automatic:** The dashcam will automatically power on and begin recording when connected to the car's power supply and the engine starts. It will power off automatically when the engine is turned off.
- **Manual:** Press and hold the power button to manually turn the dashcam on or off.

4.2 Recording Modes

- **Normal Recording:** Continuous recording when the vehicle is in motion.
- **Emergency Recording (G-Sensor):** Automatically locks and saves video footage upon detecting a sudden impact or collision.
- **Parking Monitor:** Records when motion or impact is detected while the vehicle is parked (requires hardwire kit for 24H monitoring).

4.3 Menu Navigation

Use the buttons on the side of the dashcam to navigate through the menu options. Typically, there are buttons for OK/Confirm, Up/Down, and Menu/Mode. Refer to the on-screen prompts for specific functions.

5. Key Features

5.1 Full HD 1080P Recording

The front camera records in Full HD 1080P resolution, capturing clear and detailed video footage of the road ahead. The rear camera provides 720P resolution, offering comprehensive coverage of the vehicle's rear.

5.2 Wide Angle Lens

The front camera features a 150° wide-angle lens, and the rear camera has a 120° wide-angle lens. This extensive coverage minimizes blind spots and captures more of the surrounding environment, crucial for evidence in case of incidents.

Image: A visual representation of the 150-degree front and 120-degree rear wide-angle coverage provided by the dashcam, maximizing view and minimizing risks.

5.3 Loop Recording

Seamless loop recording ensures continuous recording by automatically overwriting the oldest unlocked video files when the Micro SD card reaches its storage capacity. This means you never have to worry about manually clearing the card.

Image: A visual explanation of loop recording, showing how new footage overwrites old, unlocked files, with a locked file icon indicating protected footage.

5.4 G-Sensor (Emergency Lock)

The built-in G-sensor detects sudden shakes or collisions. When triggered, it automatically locks the current video segment, preventing it from being overwritten by loop recording. This ensures critical evidence is protected.

Image: An illustration depicting the G-Sensor function, where a collision between two cars triggers the dashcam to automatically lock the video footage.

5.5 24-Hour Parking Monitor

The dashcam offers 24-hour parking monitoring with two modes:

- **Collision Detection Parking Mode:** If the dashcam detects a collision after the vehicle turns off, it will automatically record for 1 minute and lock the video.
- **Time-Lapse Parking Mode:** Records at 1 frame per second (1FPS) to save storage space while providing continuous coverage. A 1-minute time-lapse video covers 30 minutes of real-time.

For continuous 24-hour monitoring, a hardwire kit (sold separately) is required to prevent battery drain.

Image: A visual explanation of the 24-hour parking monitor, showing a car protected by collision detection and time-lapse parking modes, with a note about low voltage protection.

5.6 Screen Saver

The screen saver function allows the display to turn off after a set period (e.g., 1, 3, or 5 minutes) while continuous recording proceeds in the background. This reduces distraction during driving and saves power.

Image: A driver's perspective showing the dashcam screen turning off after a period of inactivity, indicating the screen saver is active while recording continues.

5.7 Fatigue Driving Alert

This feature provides voice warnings at configurable intervals (1H, 2H, or 4H) to remind the driver to take a break, helping to prevent fatigue-related accidents.

Image: A visual representation of the fatigue driving alert, showing a driver appearing tired with a 'DANGER' warning icon emanating from the dashcam.

5.8 Parking Assistance

When the rear camera is properly connected to the reverse light, the dashcam display will automatically show the rear view with parking guidelines when the vehicle is put into reverse, aiding in safe parking maneuvers.

Image: A car backing into a parking spot, with the dashcam screen displaying the rear view and parking assistance guidelines to help the driver.

5.9 Super Night Vision

Equipped with an F/2.0 aperture and a 6-glass lens, the M01 Pro dashcam captures brighter and sharper footage in low-light conditions, ensuring clear recordings even at night.

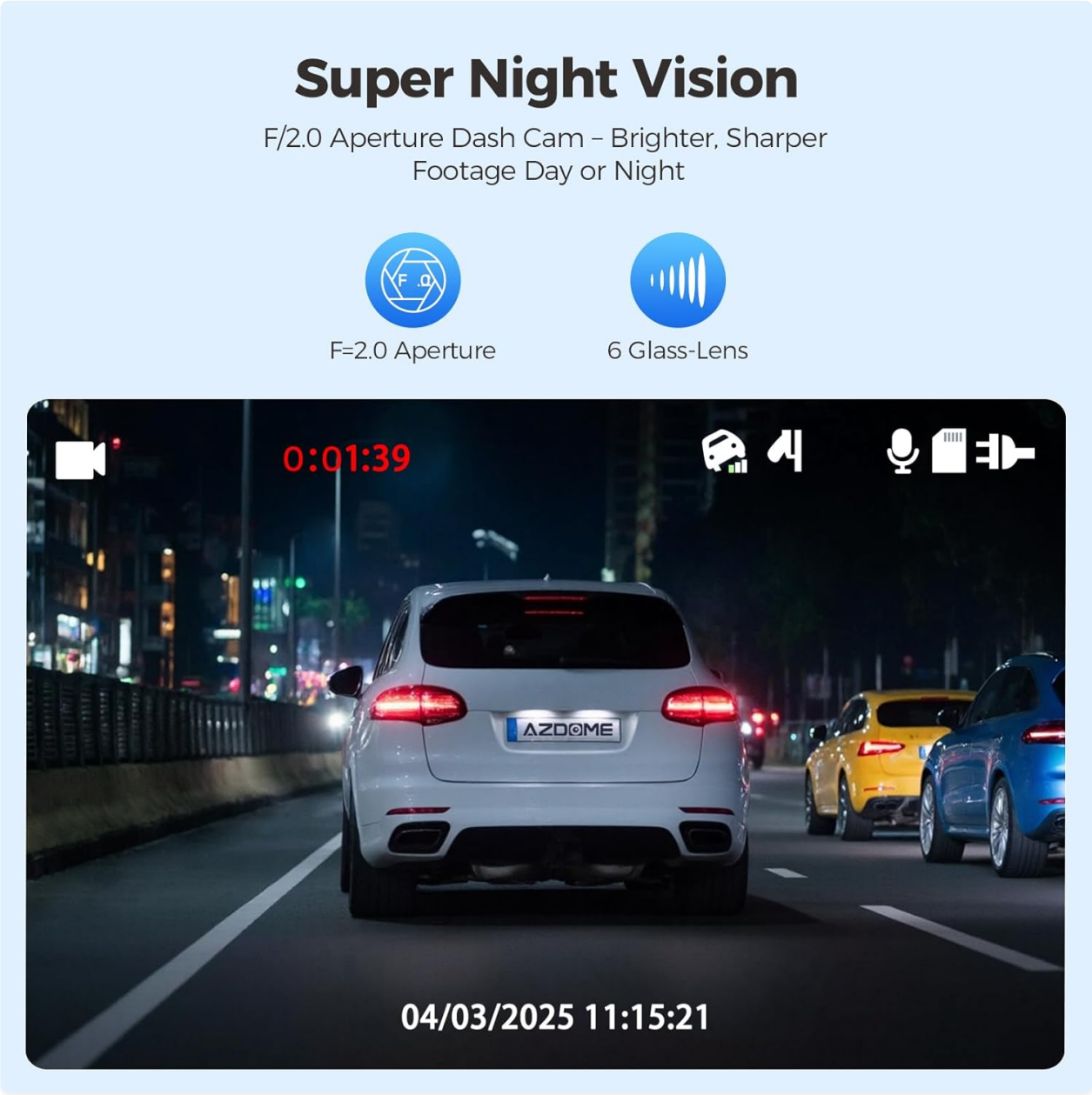

Image: A simulated night vision recording from the dashcam, showing clear visibility of vehicles and surroundings in a low-light urban environment.

5.10 ADAS (Advanced Driver Assistance Systems)

The dashcam includes Lane Departure Warning System (LDWS), which alerts drivers if the vehicle drifts out of its lane without signaling. This feature is an auxiliary function and its accuracy may vary based on weather and road conditions; regular calibration is recommended.

Image: An illustration demonstrating the Lane Departure Warning System (LDWS), showing a vehicle drifting out of its lane and the corresponding alert icon.

6. Maintenance

- **SD Card Formatting:** To maintain optimal recording performance and prevent the SD card from becoming full with locked files, it is recommended to format the Micro SD card regularly (e.g., once a month). Back up any important videos before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the dashcam lens and screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the dashcam to extreme temperatures for prolonged periods, as this can affect battery life and component integrity.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dashcam does not power on.	No power supply; faulty cable/charger.	Check car charger connection and vehicle's power outlet. Try a different USB cable or charger.
Recording stops or freezes.	SD card full or corrupted; low-quality SD card.	Format the SD card. Use a high-speed (Class 10 or U3) Micro SD card. Replace the SD card if issues persist.
Video footage is blurry/unclear.	Protective film on lens; dirty lens; poor lighting.	Remove any protective film. Clean the lens with a soft cloth. Ensure sufficient ambient light for night recordings.
G-sensor is too sensitive/not sensitive enough.	G-sensor sensitivity setting.	Adjust G-sensor sensitivity in the dashcam settings menu.
Parking monitor not working.	No hardwire kit; incorrect settings.	Ensure a hardwire kit is installed for 24H monitoring. Check parking monitor settings.

8. Specifications

- **Model Name:** M01 Pro
- **Screen Size:** 3 inches (IPS Display)
- **Front Camera Resolution:** 1080p Full HD
- **Rear Camera Resolution:** 720p
- **Front Lens Angle:** 150° Wide Angle
- **Rear Lens Angle:** 120° Wide Angle
- **Aperture:** F/2.0
- **Storage:** Supports Micro SD Card (up to 128GB, 64GB included)
- **Connectivity:** USB
- **Special Features:** G-Sensor, Loop Recording, 24H Parking Monitor, Night Vision, Screen Saver, Fatigue Warning, Parking Assistance, ADAS (LDWS)
- **Mounting Type:** Windshield Mount (Suction Cup / 3M Adhesive)
- **Power Source:** Car Charger (Lithium Battery for internal clock/settings)

9. Warranty and Support

AZDOME products are designed for reliability and performance. For any technical assistance, troubleshooting, or warranty inquiries, please refer to the contact information provided with your product packaging or visit the official AZDOME website. Keep your purchase receipt as proof of purchase for warranty claims.
You can also visit the official AZDOME store on Amazon for more information and support:AZDOME Store