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> [AZDOME](#) /

> AZDOME M300 1296P WiFi Dash Cam Instruction Manual

AZDOME M300

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Model: M300

[Introduction](#) [Features](#) [Setup](#) [Operation](#) [Maintenance & Support](#) [Troubleshooting](#) [Specifications](#) [Warranty](#)

1. INTRODUCTION

The AZDOME M300 is a compact, monitor-less dash cam designed for easy installation and discreet operation. It features 1296P high-resolution recording, WiFi connectivity for smartphone control, and a super capacitor for enhanced durability and safety across a wide temperature range. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance of your device.



Figure 1: AZDOME M300 Dash Cam Overview

2. KEY FEATURES

- **1296P High-Resolution Recording:** Captures clear footage of license plates and road signs.
- **WiFi Connectivity:** Connects to your smartphone via the dedicated AZDOME app for viewing, playback, downloading, and managing recordings.
- **Super Capacitor:** Replaces traditional batteries for improved safety, rapid charging, and reliable operation in extreme temperatures (-20°C to 70°C).
- **G-Sensor:** Automatically detects impacts and locks the current recording file to prevent overwriting, preserving critical accident evidence.
- **Loop Recording:** Continuously records by overwriting the oldest files when the memory card is full, ensuring uninterrupted recording.
- **24-Hour Parking Monitoring:** Provides surveillance when your vehicle is parked (requires a separately purchased hardwire kit).
- **Wide Dynamic Range (WDR):** Enhances video quality in varying light conditions, ensuring clear images in both bright and dark areas.
- **Night Vision:** Equipped with an F1.8 aperture 6-layer lens for clear recording in low-light conditions.
- **Compact and Discreet Design:** Monitor-less design minimizes obstruction to the driver's view and is inconspicuous in the vehicle.

- **Easy Installation:** Mounts securely with double-sided tape, suitable for front or rear installation.

3. SETUP

3.1 Package Contents

Before installation, please verify that all components are present:

- AZDOME M300 Dash Cam
- Car Mount (with adhesive tape)
- Car Charger (USB)
- User Manual
- Wiring Tool Kit
- Electrostatic Film



Figure 2: AZDOME M300 Package Contents and Easy Installation

3.2 Inserting the MicroSD Card

Insert a MicroSD card (Class 10+ or U3, A2 speed, up to 128GB, not included) into the designated slot on the dash cam. Ensure the card is inserted correctly until it clicks into place.

3.3 Physical Installation

1. Clean the windshield area where you intend to mount the dash cam.
2. Apply the electrostatic film to the cleaned area on the windshield. This helps protect your windshield and makes removal easier.
3. Attach the dash cam mount with the double-sided tape to the electrostatic film. Ensure it is positioned to provide a clear view of the road without obstructing your driving vision. The camera's view can be adjusted by 90 degrees.
4. Connect the car charger to the dash cam and route the cable neatly along the windshield and dashboard to the car's power outlet (cigarette lighter socket). Use the provided wiring tool to tuck the cable.
5. The dash cam can be installed on either the front or rear windshield.



Figure 3: Flexible Installation for Front or Rear View

3.4 WiFi Connection and App Setup

The AZDOME M300 uses WiFi for smartphone connectivity via the AZDOME app. This allows you to control the device and manage recordings without a built-in monitor.

1. Download the **AZDOME** app from the App Store (iOS) or Google Play Store (Android).
2. Ensure the dash cam is powered on and the WiFi indicator light is blue. If not, press and hold the WiFi button for 3 seconds to activate/deactivate WiFi.
3. On your smartphone, go to **Settings > WLAN (Wi-Fi)** and connect to the WiFi network named "M300-****". The initial password is "12345678".
4. Once connected, open the AZDOME app. The main screen should display "M300".
5. Tap on **"Real-time Screen"** to view live footage from the dash cam.

Important Notes for WiFi Connection:

- Keep your smartphone within 3 meters of the dash cam for a stable connection.
- For iPhone users, ensure your system language is set to Japanese if experiencing connection issues.
- Grant "Location Information Permissions" to the AZDOME app during installation. If already installed,

check app permissions in your phone settings.

- If connection issues persist, try turning off your smartphone's mobile data communication (Settings > AZDOME > Mobile Data Communication > OFF) or check your wireless data settings (Settings > Wireless Data > WLAN).

1296P高解像度録画

1296Pの解像度にアップグレード、高精細でナンバープレートや道路標識を鮮明に撮影できます。



Figure 4: Connecting to the AZDOME App via WiFi

4. OPERATION

4.1 Automatic Recording

The dash cam automatically starts recording when the vehicle's engine is turned on and stops when the engine is turned off. Recordings are saved in segments (e.g., a few minutes per file).

4.2 Loop Recording

When the MicroSD card is full, the loop recording function automatically overwrites the oldest unlocked video files to make space for new recordings. This ensures continuous recording without manual intervention.

4.3 Emergency Recording (G-Sensor)

The built-in G-sensor detects sudden shakes or impacts. When an event is detected, the dash cam automatically locks the current video file, preventing it from being overwritten by loop recording. These

locked files are crucial evidence in case of an accident.

4.4 Voice Recording

The dash cam supports voice recording. This feature can be enabled or disabled via the AZDOME app settings. Voice recordings can provide additional context for accident situations.

4.5 Parking Monitoring

For 24-hour parking monitoring, a separate hardwire kit (e.g., JYX04 Buck Line, ASIN: B09KPSBZNY) is required. When connected, the dash cam can monitor your vehicle for impacts or motion even when parked, providing protection against hit-and-runs or vandalism.



Figure 5: 24-Hour Parking Monitoring

4.6 App Functions (View, Playback, Download, Share)

Using the AZDOME app connected via WiFi:

- **Real-time View:** See what the dash cam is recording live on your smartphone.
- **Playback:** Access and play recorded video files directly from the dash cam.
- **Download:** Save important video files from the dash cam to your smartphone.
- **Share:** Easily share downloaded videos with family and friends via social media.

Your browser does not support the video tag.

Video 1: AZDOME M300 Dash Cam Features Overview. This video demonstrates the compact design, easy installation, WiFi connectivity, 1296P recording, loop recording, and G-sensor functionality.

5. MAINTENANCE

5.1 MicroSD Card Management

To ensure optimal performance and prevent recording errors, it is recommended to format the MicroSD card regularly (e.g., once a month) using the AZDOME app. This helps maintain the card's health and prevents data corruption.

5.2 Cleaning the Device

Wipe the dash cam lens and body with a soft, dry cloth to remove dust and smudges. Avoid using abrasive cleaners or solvents that could damage the device.

6. TROUBLESHOOTING

6.1 WiFi Connection Issues

- **Cannot connect to M300-**** WiFi:** Ensure the dash cam's WiFi indicator is blue. If not, long-press the WiFi button for 3 seconds. Keep your phone within 3 meters of the dash cam.
- **App not displaying real-time screen:** For iPhones, ensure the system language is set to Japanese. Verify that the AZDOME app has "Location Information Permissions" enabled. Try reinstalling the app. In phone settings, try turning off "Mobile Data Communication" for the AZDOME app or check "Wireless Data" settings.

6.2 Recording Errors or Poor Quality

- **Recording misses or corrupted files:** Ensure you are using a genuine MicroSD card with a write speed of Class 10+ or U3, A2. Lower quality or slower cards can cause issues. Try formatting the SD card.
- **Image quality not as expected:** The dash cam records in 1296P. If you changed the resolution to 1080P, revert it to 1296P for higher quality.

6.3 Playback Issues

- **Slow playback or freezing:** Try turning off Bluetooth on your smartphone during playback to avoid potential interference.

6.4 Power Cable Length

The included power cable is designed for front installation. If installing the dash cam in the rear, you may need to purchase a longer USB power cable or an extension.

7. SPECIFICATIONS

Specification	Value
Brand	AZDOME
Model Name	AZDOME M300

Video Capture Resolution	1296p (also supports 1080p)
Connectivity Technology	Wi-Fi
Special Features	Multi-functional (G-Sensor, Loop Recording, WDR, Night Vision, Parking Monitoring)
Mounting Type	Adhesive Mount
Color	Black
View Angle	170 degrees
Control Method	App
Screen Size	1.5 inches (IPS Display)
Item Dimensions (D x W x H)	3 x 9.8 x 4.5 cm
Item Weight	0.34 kg
Max MicroSD Card Support	128GB

8. WARRANTY & SUPPORT

8.1 Product Warranty

The AZDOME M300 comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation of your device.

8.2 Customer Support

For any questions, concerns, or technical assistance regarding your AZDOME M300 dash cam, please do not hesitate to contact us. Our support team is available to provide prompt assistance.

Contact Methods:

- Via Amazon messaging service.
- Via Email (refer to product packaging or official AZDOME website for email address).

Note: LINE support has been discontinued. Please use Amazon or email for all inquiries.