AZDOME

AZDOME PG17 Max Mirror Dash Cam User Manual

Model: PG17 Max

1. Product Overview

The AZDOME PG17 Max is an advanced mirror dash cam designed to enhance driving safety and provide comprehensive recording capabilities. It features high-resolution front and rear cameras, intelligent driver assistance systems, and convenient connectivity options.



Image 1.1: Overview of the AZDOME PG17 Max Mirror Dash Cam and its accessories.

2. What's in the Box

Verify that all components are present before proceeding with installation.

- 1 x PG17 Max 4K Mirror Dash Cam
- 1 x 2.5K Rear Camera with Screws and Adhesive Mount
- 1 x External GPS Antenna
- 1 x 64GB TF Card (Pre-installed)
- 1 x Anti-Glare Protective Film
- 1 x 12ft Type-C Power Cable with Car Charger
- 1 x 20ft Rear Camera Cable
- 5 x Cable Clips
- 4 x Straps
- 1 x Pry Tool
- 1 x Cleaning Wipes
- 1 x AZDOME PG17 Max User Manual



Image 2.1: Visual representation of the contents included in the product package.

3. Product Features

3.1 High-Resolution Recording

The PG17 Max captures video in stunning clarity with a front camera resolution of 4K (3840x2160) at 30 frames per second and a rear camera resolution of 2.5K (2560x1440) at 30 frames per second. This ensures detailed footage for both front and rear views.



Image 3.1: Demonstrates the 4K front and 2.5K rear video recording quality.

3.2 Advanced Driver Assistance System (ADAS)

Integrated ADAS technology provides real-time alerts to help prevent accidents. This includes warnings for forward collision, pedestrian collision, lane departure, front vehicle start, and distance monitoring.



Image 3.2: Visual explanation of ADAS features and their alerts.

3.3 Blind Spot Detection (BSD) & Lane Change Assist (LCA)

The system monitors blind spots and provides timely alerts for approaching vehicles, enhancing safety during lane changes and reducing the risk of rear-end collisions.

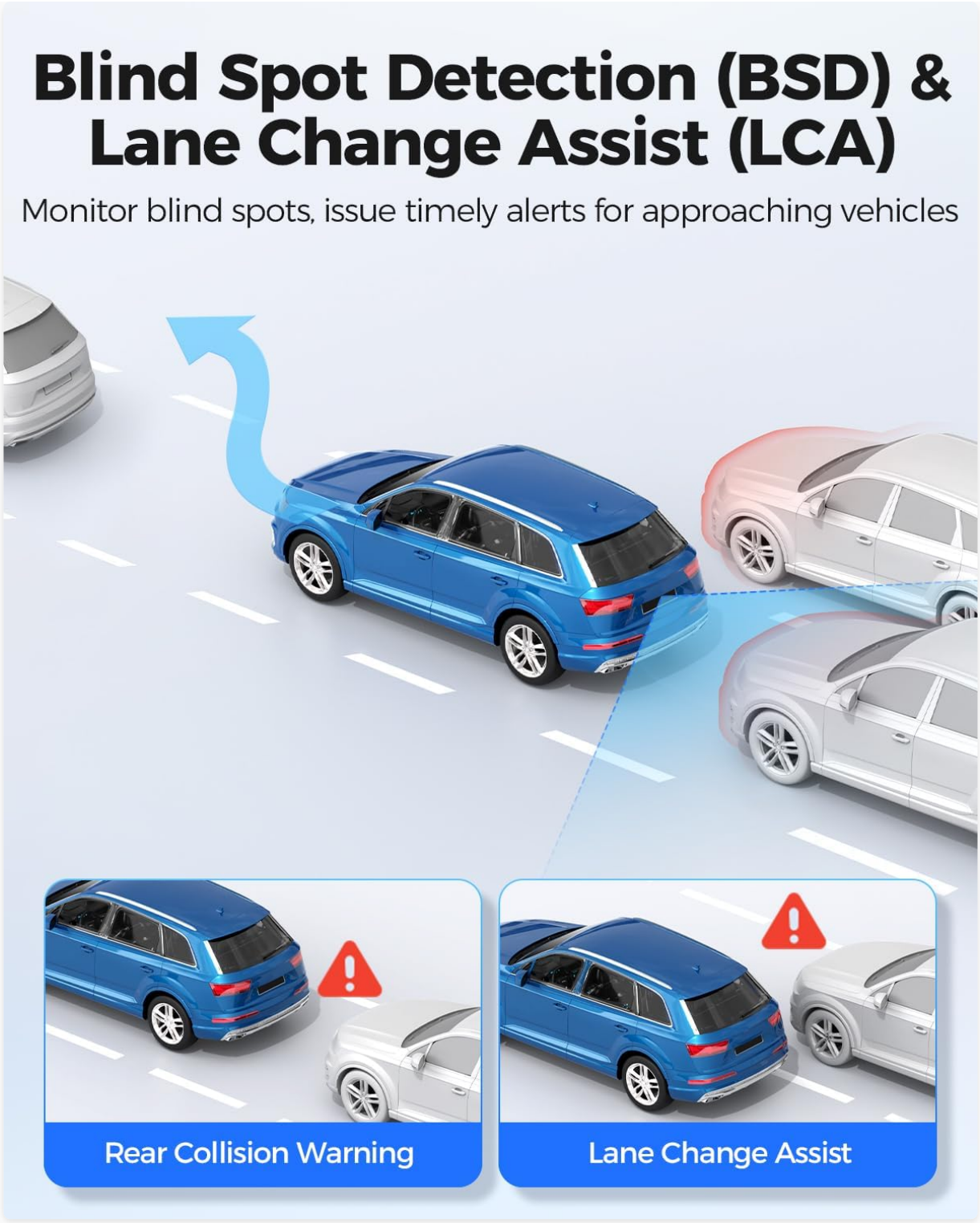


Image 3.3: Illustrates how BSD and LCA features work to improve driving safety.

3.4 5.8GHz WiFi Connectivity & App Control

Equipped with 5.8GHz WiFi, the dash cam allows for seamless connectivity to the AZDOME app. This enables instant video downloads, sharing, and easy management of footage directly from your smartphone.



Image 3.4: Depicts the 5.8GHz WiFi connectivity and app control features.

3.5 Smart Voice Control

Operate your dash cam hands-free using simple voice commands. With 10 available commands, you can control functions like turning on WiFi, taking pictures, and locking videos without diverting your attention from the road.

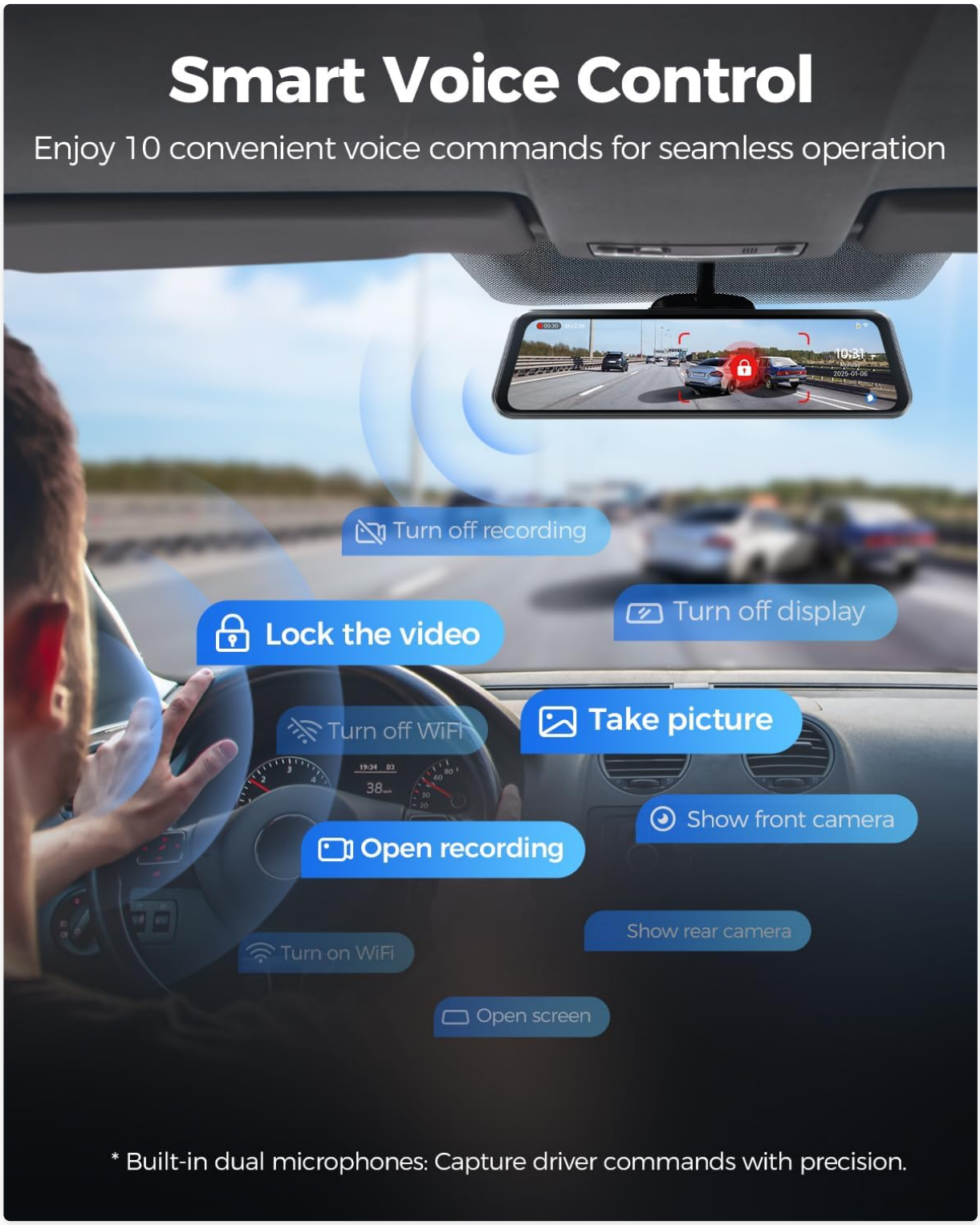


Image 3.5: Illustrates the smart voice control functionality.

3.6 2.5K QHD Backup Camera

The included 2.5K QHD rear camera is IP68 waterproof and provides a wide field of view, reverse assist, and mirror/vertical flip options to effortlessly reduce blind spots for safer reversing and parking.



Image 3.6: Shows the features of the 2.5K QHD backup camera.

3.7 Built-in GPS & Route Tracking

The integrated GPS module accurately records driving routes, locations, and speed data, which can be viewed directly on the video footage or through the companion app.



Image 3.7: Demonstrates the built-in GPS and route tracking capabilities.

3.8 24H Parking Monitor

For continuous parking surveillance, the dash cam offers a 24-hour parking monitor feature. This requires a separately purchased hardwire kit (ASIN: B0BM9JL327) to provide constant power.



Image 3.8: Explains the 24-hour parking monitoring feature.

3.9 Emergency Recording

The dash cam provides multiple ways for emergency recording to ensure critical footage is locked and not overwritten. This includes automatic locking via the built-in G-sensor, voice control, and manual locking by pressing the 'Lock' icon.



Image 3.9: Details the three methods for activating emergency recording.

3.10 Heat & Cold Resistant

Designed with a supercapacitor and advanced thermal vents, the dash cam maintains 4K clarity and reliable operation in extreme temperatures, ranging from -20°C (-4°F) to 65°C (149°F).

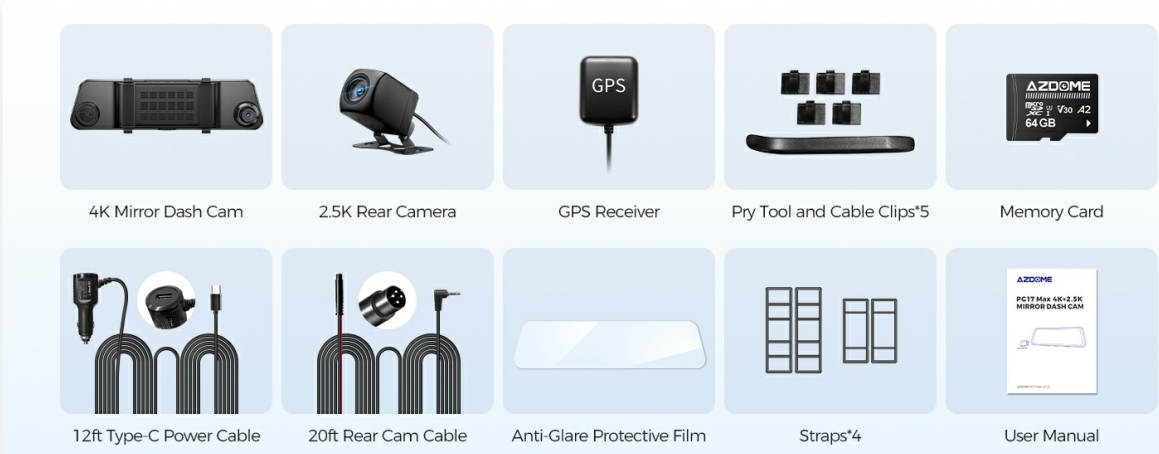


Image 3.10: Highlights the dash cam's ability to withstand extreme temperatures.

3.11 Anti-Glare Technology

The anti-glare protective film minimizes reflections from bright external light, enhancing picture clarity and improving visibility of key details on the screen.



Image 3.11: Demonstrates the effectiveness of the anti-glare technology.

4. Setup & Installation

Proper installation is crucial for optimal performance and safety. Please follow these general guidelines. Refer to the included user manual for detailed, step-by-step instructions specific to your vehicle.

4.1 Mounting the Mirror Dash Cam

1. Secure the PG17 Max over your existing rearview mirror using the provided straps. Ensure it is firmly attached and does not obstruct your view.
2. Adjust the front camera lens to capture the desired field of view, typically centered on the road ahead.

4.2 Installing the Rear Camera

1. Choose a suitable location for the rear camera, typically above the license plate or inside the rear window, ensuring a clear view.
2. Mount the rear camera using the adhesive pad or screws.
3. Route the 20ft rear camera cable from the rear camera to the main mirror dash cam, tucking it neatly along the vehicle's interior trim.

4.3 Power Connection

1. Connect the 12ft Type-C power cable to the dash cam and plug the car charger into your vehicle's 12V power outlet.
2. For 24-hour parking monitoring, a hardwire kit (sold separately) is required. Connect the hardwire kit according to its instructions to provide continuous power from your vehicle's fuse box.

4.4 GPS Antenna Installation

Connect the external GPS antenna to the dash cam and place it in a location with a clear view of the sky, such as on the dashboard or near the windshield, to ensure accurate signal reception.

5. Operating Instructions

5.1 Basic Operation

- **Power On/Off:** The dash cam will typically power on automatically when the vehicle starts and power off when the ignition is turned off.
- **Touch Screen:** Navigate menus and settings by swiping and tapping on the 12-inch touch screen.
- **Recording:** Loop recording begins automatically upon power-on. Emergency recordings can be triggered manually, by voice command, or automatically by the G-sensor.

5.2 Voice Control

Use the following voice commands for hands-free operation:

- "Turn on WiFi"
- "Take picture"
- "Lock the video"
- "Turn off recording"
- "Turn off display"
- "Open recording"
- "Show front camera"
- "Show rear camera"
- "Open screen"

5.3 AZDOME App Usage

Download the AZDOME app from the Google Play Store or Apple App Store. Connect your smartphone to

the dash cam via 5.8GHz WiFi to:

- View live footage.
- Download recorded videos and photos to your phone.
- Adjust dash cam settings.
- Share footage directly from the app.

Your browser does not support the video tag. Please update your browser.

Video 5.1: An official video from AZDOME demonstrating the features of the PG17 Max dash cam, including ADAS, BSD, and LCA.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your dash cam.

- **Cleaning:** Use the provided cleaning wipes or a soft, dry cloth to clean the screen and camera lenses. Avoid abrasive materials or chemical cleaners.
- **Firmware Updates:** Periodically check the AZDOME website or app for firmware updates to ensure your device has the latest features and bug fixes.
- **Memory Card:** Format the included 64GB TF card regularly (e.g., once a month) through the dash cam's settings to prevent data corruption and ensure smooth recording.
- **Temperature:** While the device is heat and cold resistant, avoid prolonged exposure to extreme temperatures when the vehicle is parked, if possible.

7. Troubleshooting

If you encounter issues with your AZDOME PG17 Max, refer to the following common solutions:

Problem	Possible Solution
Dash cam does not power on.	Check power cable connection. Ensure the car charger is properly inserted into the 12V outlet and the vehicle's ignition is on. Test the 12V outlet with another device.
Recording stops or freezes.	Format the TF card. Ensure the TF card is a high-speed (Class 10 or U3) card. Replace the TF card if the issue persists.
Poor video quality.	Clean camera lenses. Ensure protective film is removed. Check video resolution settings.
GPS signal not found.	Ensure the GPS antenna is connected and placed in an open area with a clear view of the sky. Move the vehicle to an open area away from tall buildings or tunnels.
WiFi connection issues.	Ensure the dash cam's WiFi is enabled. Keep your phone within 10 feet of the dash cam. Restart both the dash cam and your phone.

For further assistance, please contact AZDOME customer support.

8. Specifications

- **Model Name:** PG17 Max
- **Front Camera Resolution:** 4K (3840x2160) @ 30fps
- **Rear Camera Resolution:** 2.5K (2560x1440) @ 30fps
- **Screen Size:** 12 inches (31 cm diagonal)
- **Connectivity:** 5.8GHz Wi-Fi, USB
- **Special Features:** Built-In WiFi, Built-In GPS, G-Sensor, ADAS, Blind Spot Detection, Lane Change Assist, Parking Monitor, Reverse Assist, Touch Screen, App Control, Voice Control, Loop Recording, Built-In Microphone, Built-In Speaker, Built-In Supercapacitor
- **Mounting Type:** Rearview Mirror Mount
- **Color:** Black
- **Product Dimensions:** 5.05 x 1.83 x 1.26 inches
- **Item Weight:** 2.35 pounds
- **Battery:** 1 Lithium Polymer battery required (internal)
- **Manufacturer:** AZDOME
- **Country of Origin:** China

9. Warranty & Support

The AZDOME PG17 Max comes with a full 1-YEAR GUARANTEE. For any product-related inquiries, technical support, or warranty claims, please contact our dedicated customer service team.

- **Email:** service@azdomevip.com
- **Phone:** (833) 667-5545

Our customer service team is committed to ensuring your satisfaction and helping to prolong the life of your car camera.



Image 9.1: AZDOME customer support details.

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