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Apexcam TOUR 3

Apexcam Dash Cam User Manual

MODEL: TOUR 3

1. Introduction

Thank you for choosing the Apexcam Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your new dash camera system. Please read this manual thoroughly before use to ensure proper functionality and to maximize your driving safety and recording experience.

The Apexcam Dash Cam is a 1080P Full HD car dash camera featuring a 3-inch IPS display, dual front and waterproof rear lenses, a 170° wide-angle view, WDR technology, Super Night Vision, Parking Monitor, Loop Recording, and Motion Detection capabilities. It is designed to capture critical moments on the road and provide comprehensive surveillance for your vehicle.

2. Package Contents

Please verify that all items listed below are included in your package:

- Apexcam Dash Cam (Front Unit)
- Waterproof Rear Camera
- Suction Cup Mount
- Adhesive Mount
- Car Charger
- USB Cable
- User Manual
- Rear Camera Cable
- Screws for Rear Camera Mounting
- Adhesive Pad for Rear Camera



G-Sensor

The car body will automatically lock when it encounters vibration and impact.

Image: All components included in the Apexcam Dash Cam package.

3. Product Overview

3.1 Key Features

- **1080P FHD Recording:** Captures high-definition video and photos, ensuring clear footage of road details.
- **3-inch IPS Display:** Provides a clear and wide viewing angle for real-time monitoring and playback.
- **Dual Lens System:** Includes a front camera with a 170° wide-angle lens and a waterproof rear camera for comprehensive coverage.
- **G-Sensor:** Automatically detects sudden vibrations or collisions and locks the current video footage to prevent overwriting.
- **Loop Recording:** Continuously records by overwriting the oldest unlocked files when the memory card is full, ensuring uninterrupted recording.
- **24-Hour Parking Monitor:** Activates recording automatically if a collision or vibration is detected while the

vehicle is parked, providing surveillance even when the engine is off.

- **WDR (Wide Dynamic Range) Technology:** Enhances video quality in varying light conditions, preventing overexposure in bright areas and ensuring clarity in dark areas.
- **Super Night Vision:** Improves low-light performance, making night recordings clearer and enabling better recognition of license plates.

Powerful Function



G-sensor



Emergency Recording



WDR



Front&Rear Camera



170° Wide Angle



1080P FHD



Loop Recording



Parking Monitor



Image: Visual representation of the dash cam's powerful functions.

Ultra HD Video Recording 1080P

Stable and Clear During Driving



F1.8

Six-layer
aperture

/

Achieve high
quality
video and images

Image: Illustration of the F1.8 six-layer aperture lens for Ultra HD 1080P video recording.



WDR & 170° Wide Angle

170° front camera & 130° rear camera, Wide driving view to ensure the safety of you and your family.”

Image: Demonstration of WDR (Wide Dynamic Range) and 170° Wide Angle capabilities, showing improved visibility in varied lighting.

Parking Monitoring

24-hour comprehensive monitoring, To know more clearly the parking environment or conditions.

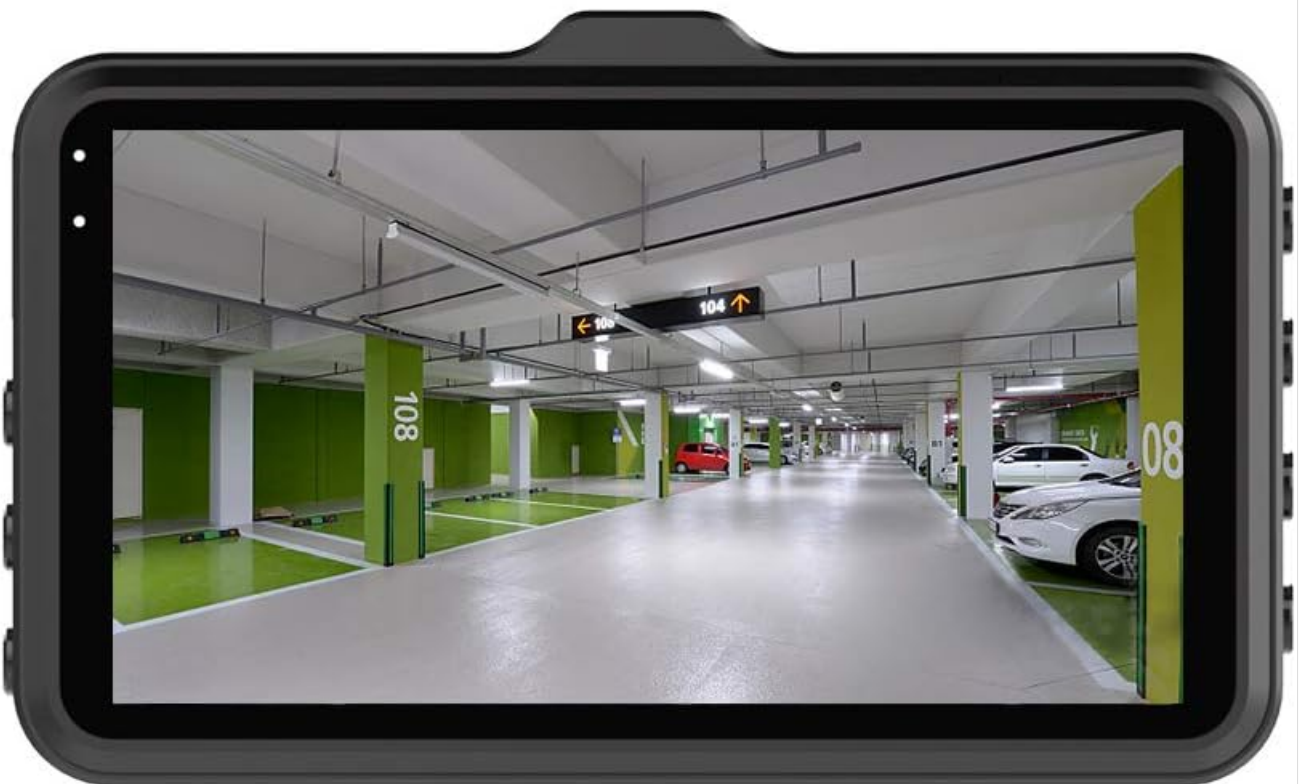


Image: G-Sensor functionality, automatically locking video footage upon detecting vibration or impact.



Image: Parking Monitoring feature, providing 24-hour comprehensive surveillance of the parking environment.

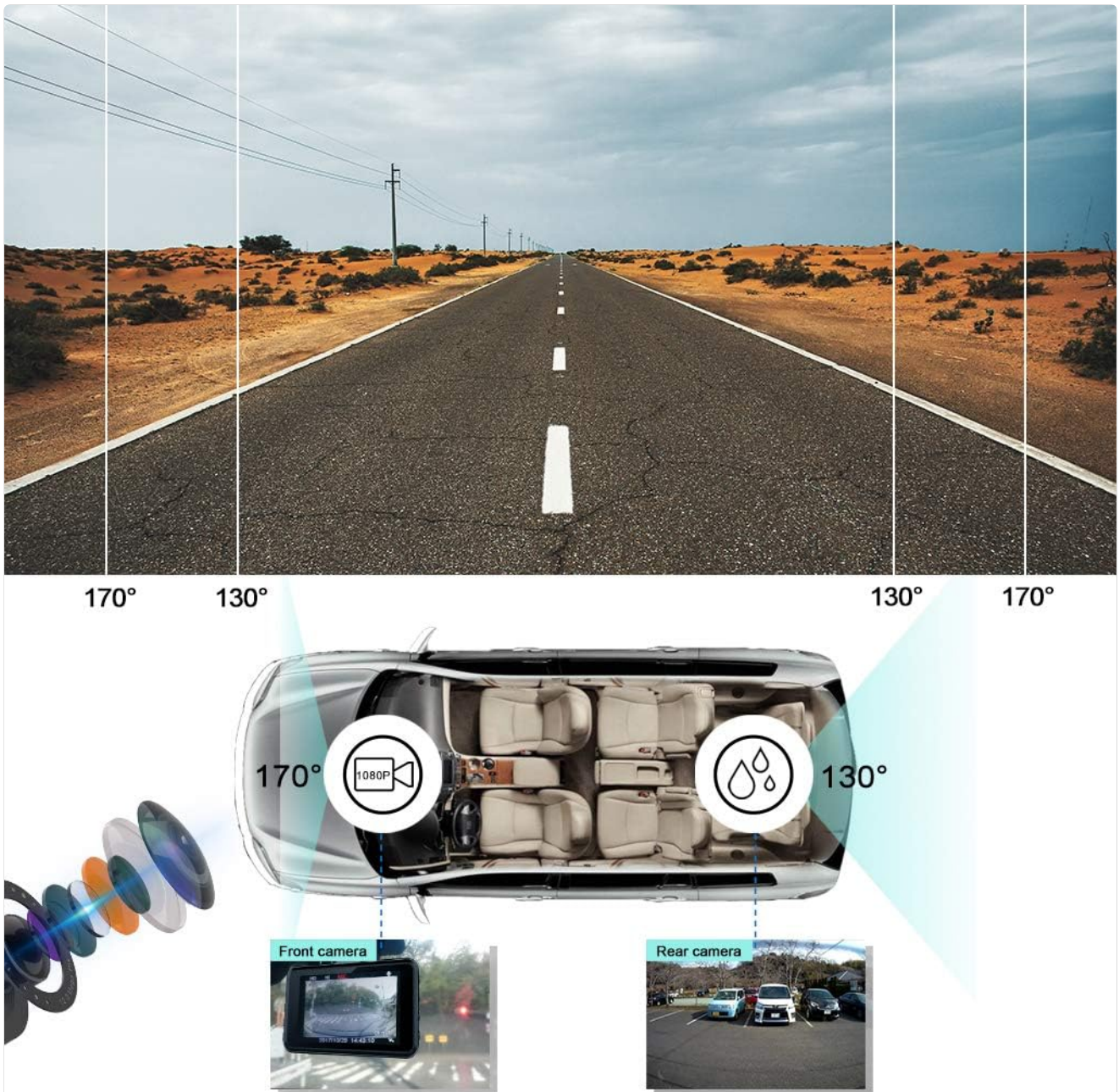


Image: Illustration of the wide viewing angles provided by the 170° front camera and 130° rear camera.

4. Setup and Installation Guide

Follow these steps for proper setup and installation of your dash cam system.

4.1 Initial Setup

1. **Insert Micro SD Card:** Before first use, insert a high-speed Class 10 or higher Micro SD card (not included) into the dash cam's SD card slot. Ensure the card is inserted correctly until it clicks into place.
2. **Format SD Card:** It is highly recommended to format the Micro SD card within the dash cam's settings menu before initial use and periodically thereafter (e.g., monthly) to ensure stable recording performance.
3. **Charge Battery:** Connect the dash cam to the car charger or a USB power source to fully charge the internal battery before installation.

4.2 Front Camera Installation

1. **Clean Windshield:** Choose a suitable location on your windshield, preferably behind the rearview mirror, where the dash cam will not obstruct your view. Clean the area thoroughly to ensure strong adhesion for the suction cup or adhesive mount.
2. **Attach Mount:** Secure the suction cup mount or adhesive mount to the cleaned area of the windshield. Ensure it is firmly attached.
3. **Mount Dash Cam:** Slide the dash cam onto the mount until it clicks into place. Adjust the camera angle to ensure the lens captures the road ahead clearly, with the horizon in the middle of the frame.

4.3 Rear Camera Installation and Wiring

The rear camera provides additional coverage and can assist with parking. Follow the wiring diagram below for proper connection.

1. **Route Rear Camera Cable:** Connect the rear camera to the main dash cam unit using the provided cable. Carefully route the cable along the vehicle's headliner, A-pillar, and floor trim to the rear of the vehicle.
2. **Mount Rear Camera:** Mount the waterproof rear camera on the rear windshield or near the license plate using the adhesive pad or screws. Ensure the camera has a clear view of the rear.
3. **Connect to Reversing Lamp (Optional):** For automatic display of the rear view when reversing, connect the red wire from the rear camera cable to the positive lead of your vehicle's reversing lamp. If this connection is not made, the rear view will still be recorded but will not automatically display on the screen when reversing.
4. **Connect Power:** Plug the car charger into your vehicle's cigarette lighter socket and connect the other end to the dash cam's power input.

Installation Guide



● Dash Cam ● Rear Camera ● Reversing Lamp

Image: Detailed installation guide showing wiring connections for the front and rear dash cameras.

5. Operating Instructions

5.1 Power On/Off

- **Automatic:** The dash cam will automatically power on and begin recording when your vehicle's engine starts (and power is supplied to the cigarette lighter socket). It will power off automatically a few seconds after the engine is turned off.
- **Manual:** Press and hold the Power button to manually turn the dash cam on or off.

5.2 Recording Modes

- **Loop Recording:** This feature ensures continuous recording. When the memory card is full, the dash cam will automatically overwrite the oldest unlocked video files. Video segments are typically recorded in 1, 3, or 5-

minute intervals (configurable in settings).

- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor will automatically detect the event and lock the current video file, preventing it from being overwritten by loop recording. These locked files are stored in a separate folder.
- **Parking Monitor:** When enabled, the dash cam will automatically turn on and record a short video if it detects a vibration or collision while the vehicle is parked and the engine is off. This feature requires a continuous power supply (e.g., hardwire kit, not included) or the dash cam's internal battery.

5.3 Menu Navigation

Use the physical buttons on the side or front of the dash cam to navigate through the menu options. Common buttons include:

- **Menu Button:** Enters the settings menu.
- **Up/Down Buttons:** Navigate through menu options.
- **OK/Confirm Button:** Selects an option or confirms a setting.
- **Mode Button:** Switches between video recording, photo mode, and playback mode.

5.4 Playback

To review recorded videos or photos:

1. Switch the dash cam to Playback Mode using the Mode button.
2. Use the Up/Down buttons to browse through the recorded files.
3. Press the OK button to play a video or view a photo.
4. To transfer files to a computer, remove the Micro SD card and insert it into a card reader, or connect the dash cam directly to a computer via USB cable (select "Mass Storage" mode if prompted).

6. Maintenance

- **SD Card Maintenance:** Regularly format your Micro SD card (e.g., once a month) to prevent data corruption and ensure optimal recording performance. Back up any important files before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam lens and screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods, as this can affect battery life and overall performance.

7. Troubleshooting

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Dash cam does not power on.	<p>Check if the car charger is properly connected to the cigarette lighter socket and the dash cam.</p> <p>Ensure the vehicle's cigarette lighter socket is receiving power.</p> <p>The internal battery might be completely drained. Charge the device for at least 30 minutes.</p>
Dash cam stops recording or freezes.	<p>The Micro SD card may be full. Format the card (back up important files first).</p> <p>The Micro SD card may be too slow or corrupted. Use a high-speed Class 10 or U1/U3 card. Try a different card.</p> <p>Reset the dash cam using the reset button (if available) or by disconnecting and reconnecting power.</p>
Video footage is blurry or unclear.	<p>Clean the camera lens with a soft cloth.</p> <p>Ensure the protective film has been removed from the lens.</p> <p>Check if the windshield is clean where the camera is mounted.</p>
Dash cam falls off the windshield.	<p>Ensure the windshield surface is clean and dry before attaching the mount.</p> <p>Apply firm pressure when attaching the suction cup.</p> <p>Extreme temperature fluctuations can affect suction. Re-attach if necessary.</p>
Rear camera not working.	<p>Check the connection cable between the front and rear cameras. Ensure it is securely plugged in.</p> <p>Verify the rear camera itself is not damaged.</p>

8. Specifications

Feature	Detail
Model	TOUR 3
Display Size	3 Inches
Display Type	IPS
Video Resolution	1080p Full HD
Front Camera Angle	170 Degrees
Rear Camera Angle	130 Degrees (approx.)
Special Features	G-Sensor, Loop Recording, Parking Monitor, WDR
Storage	Micro SD/SD (up to 32GB, Class 10 or higher recommended)
Battery Type	Lithium Polymer (included)

Feature	Detail
Connectivity	USB
Mounting Type	Adhesive Mount, Suction Mount
Compatible Media Type	MOV

9. Warranty and Support

Apexcam products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please contact our customer service team through the retailer's platform or the official Apexcam website. Please have your product model and purchase information ready when contacting support.

We are committed to providing excellent customer service and support for your Apexcam Dash Cam.