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Zunate Zunate4789xifk2e-11

Zunate Smart HD 1080P Dash Cam User Manual

Model: Zunate4789xifk2e-11

Introduction

Thank you for choosing the Zunate Smart HD 1080P Dash Cam. This device is designed to provide reliable video recording of your journeys, offering features such as motion detection, parking monitoring, and loop recording for enhanced vehicle security and incident documentation. Please read this manual thoroughly before using the product to ensure proper operation and maintenance.

Safety Information

- Do not operate the dash cam in conditions that may distract you from driving.
- Ensure the dash cam is securely mounted and does not obstruct your view of the road.
- Use only the provided car charger and cable to prevent damage to the device.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble or repair the dash cam yourself. Contact customer support for assistance.
- Regularly check the recording functionality to ensure it is working correctly.

Package Contents

Please verify that all items are present in your package:

- 1 x Zunate Smart HD 1080P Dash Cam
- 1 x Car Charger with Cable
- 1 x Adhesive Hook Mount
- 1 x Instruction Manual (This document)



Image: The Zunate Dash Cam, car charger, and adhesive hook mount included in the package.

Product Overview

The Zunate Smart HD 1080P Dash Cam features a compact design with a 2.0-inch HD IPS screen and a highly sensitive lens for clear recordings.



Image: Front view of the Zunate Smart HD 1080P Dash Cam, showing the lens and screen.



Image: Side view of the Zunate Smart HD 1080P Dash Cam, highlighting its compact profile.

Setup

1. Installing the Dash Cam

1. **Choose a Location:** Select a position on your windshield that does not obstruct your view of the road, typically behind the rearview mirror.
2. **Clean the Surface:** Ensure the chosen area on the windshield is clean and dry for optimal adhesion of the mount.
3. **Attach the Mount:** Secure the adhesive hook mount to the windshield. Press firmly for at least 30 seconds.
4. **Mount the Dash Cam:** Slide the dash cam onto the mount until it clicks into place.
5. **Adjust Lens Angle:** Manually adjust the lens to ensure it captures the desired field of view, typically centered on the road ahead.



Image: The dash cam securely mounted on the car's windshield, positioned to capture the road.

2. Power Connection

1. **Connect Power Cable:** Insert the small end of the car charger cable into the dash cam's power port.
2. **Plug into Car Charger:** Plug the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. **Route Cable:** Carefully route the power cable along the edge of the windshield and dashboard to keep it tidy and

out of the way.

3. Inserting a Memory Card (Not included)

A memory card (MicroSD card, not included) is required for recording. Ensure the card is Class 10 or higher for optimal performance.

1. **Locate Card Slot:** Find the MicroSD card slot on the dash cam.
2. **Insert Card:** Gently insert the MicroSD card into the slot with the contacts facing the correct direction until it clicks into place.
3. **Format Card:** It is recommended to format the memory card within the dash cam's settings menu before first use and periodically thereafter to ensure stable recording.

Operating Instructions

1. Powering On/Off

- **Automatic Power On/Off:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on (and power is supplied to the 12V outlet). It will power off automatically when the ignition is turned off.
- **Manual Power On/Off:** Press and hold the power button (location may vary, refer to device) for a few seconds to manually turn the device on or off.

2. Recording Modes

The dash cam supports various recording functionalities to cover different scenarios.

- **Loop Recording:**

  The dash cam continuously records video in short segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked files are automatically overwritten by new recordings. This ensures continuous recording without manual intervention.



Image: Visual representation of loop recording, showing how the dash cam saves video in segments and overwrites the oldest files when storage is full.

- **Motion Detection:**

  When enabled, the dash cam will automatically start recording if it detects movement in its field of view while the vehicle is parked. This feature helps capture incidents when you are away from your vehicle.

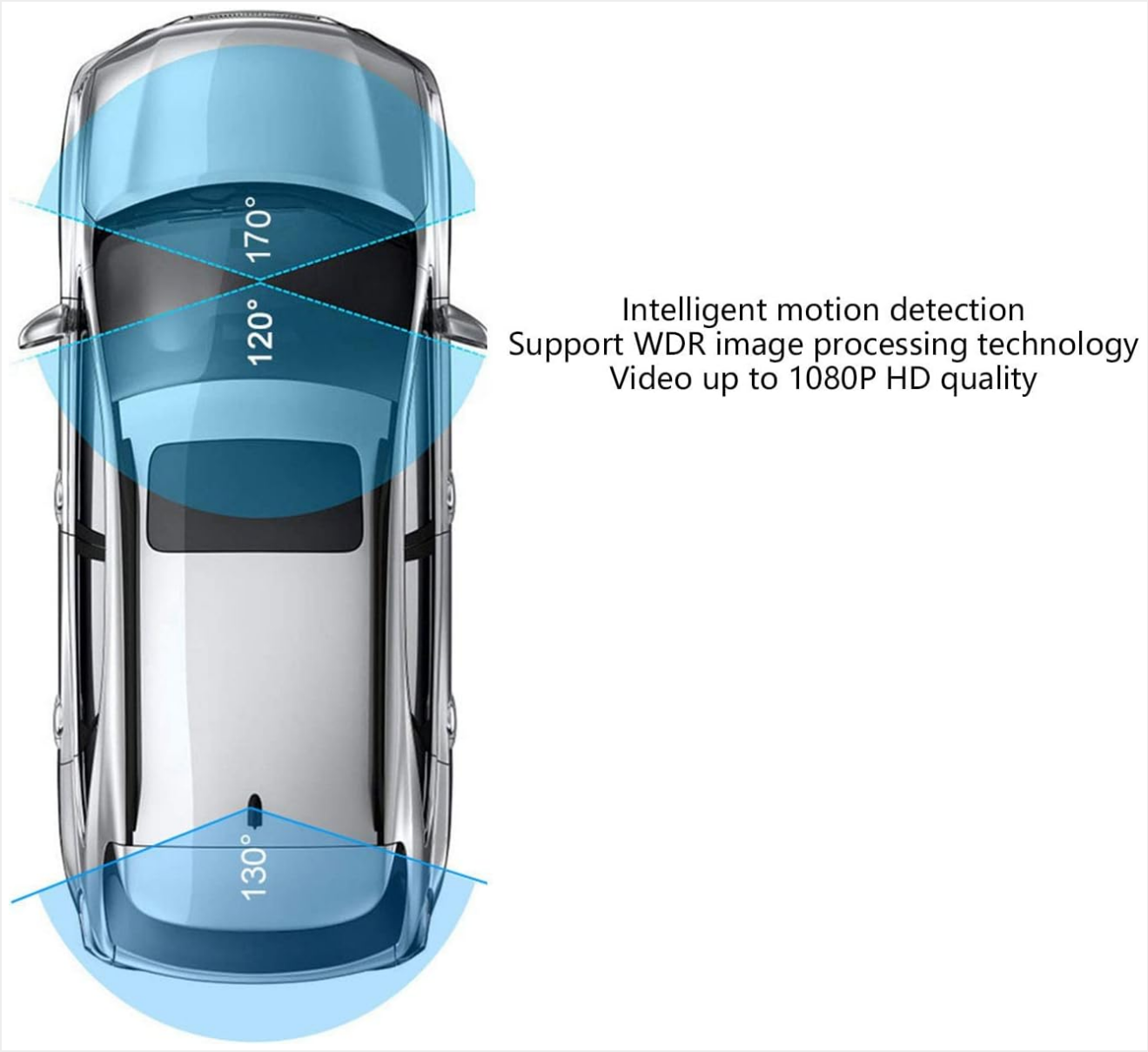


Image: An overhead view of a car illustrating the wide-angle coverage (120°, 170°, 130°) of the dash cam, which is crucial for effective motion detection and WDR image processing.

- **Parking Monitoring:**

  This feature works in conjunction with motion detection or G-sensor to monitor your vehicle when parked. If an impact or motion is detected, the dash cam will automatically record and save the footage, providing 24-hour surveillance.



Image: A graphic depicting a shield with "24 hours" text, indicating the dash cam's 24-hour parking monitoring capability to protect your vehicle.

- **G-Sensor (Sensing):**

  The built-in G-sensor detects sudden movements or impacts (like a collision). When triggered, it automatically locks the current video file to prevent it from being overwritten by loop recording, ensuring critical evidence is preserved.

3. Menu Navigation and Settings

Use the buttons on the dash cam (refer to your device for specific button layout) to navigate through the menu options on the 2.0-inch IPS HD screen. Common settings include:

- **Resolution:** Select recording resolution (1080P FHD, 720P, VGA).
- **Loop Recording Duration:** Set the length of video segments (e.g., 1, 3, 5 minutes).
- **Motion Detection:** Enable or disable this feature.
- **Parking Monitoring:** Enable or disable this feature.
- **G-Sensor Sensitivity:** Adjust the sensitivity of the G-sensor.
- **Date/Time Stamp:** Ensure the correct date and time are set for accurate record-keeping.

- **Language:** Select your preferred language.
- **Format SD Card:** Erase all data on the memory card.

4. Video Playback

You can review recorded videos directly on the dash cam's screen or by connecting the memory card to a computer.

- **On Dash Cam:** Enter playback mode via the menu. Use navigation buttons to select and play video files.
- **On Computer:** Remove the MicroSD card from the dash cam and insert it into a card reader connected to your computer. Video files (AVI format) and image files (JPG format) can be viewed using standard media players.

Maintenance

- **Cleaning the Lens:** Gently wipe the camera lens with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials or harsh chemicals.
- **SD Card Management:**

  It is recommended to format the MicroSD card every 2-4 weeks to maintain optimal performance and prevent data corruption. Back up any important files before formatting.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates. Follow instructions carefully if performing an update.

Troubleshooting

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable; low internal battery.	Check car charger connection and vehicle's 12V outlet. Ensure the car charger is working. Charge the internal battery.
Recording stops unexpectedly.	Memory card full; faulty memory card; low power.	Format the memory card. Replace with a new, high-quality MicroSD card (Class 10 or higher). Ensure continuous power supply.
Video quality is poor/blurry.	Dirty lens; protective film on lens; incorrect resolution setting.	Clean the lens. Remove any protective film. Set recording resolution to 1080P FHD in settings.
Dash cam freezes or crashes.	Memory card error; firmware issue.	Format the memory card. Try a different memory card. Perform a factory reset (if available in menu). Check for firmware updates.
Parking monitoring not working.	Feature disabled; insufficient power.	Ensure parking monitoring and motion detection are enabled in settings. Verify continuous power supply to the dash cam when the vehicle is off (if applicable).

Specifications

Feature	Detail

Feature	Detail
Model Number	Zunate4789xifk2e-11
Display Screen	2.0 Inch IPS HD Screen
Front Camera Lens	6 Glass, F2.0 Aperture, 170 Degree Wide Angle
Lens Rotation	Manual Adjustment Supported
Recording Resolution	1080P FHD, 720P, VGA
Video Format	AVI
Image Format	JPG
Storage Compression	H.264
DDR	Built-in 64M
Flash Memory	8M SPI Norflash
Battery Type	Built-in 320mAh Lithium Battery
Features	Motion Detection, Parking Monitoring, Loop Recording, G-Sensor (Sensing), WDR, HDR, Delayed Shutdown, Multi-language Support
Material	Plastic, Electronics
Item Weight	11.7 ounces (approx. 331g)
Package Dimensions	5.91 x 4.33 x 2.76 inches

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase or visit the official Zunate website. Keep your purchase receipt as proof of purchase.

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