ovedisa S6-CN

Dash Cam Front and Rear, 4K Full UHD 3 Channel Dash Camera User Manual

Brand: ovedisa | Model: S6-CN

1. Introduction

Thank you for choosing the ovedisa 4K Full UHD 3 Channel Dash Camera. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new dash camera. Please read this manual thoroughly before use to ensure optimal performance and longevity of the device. This dash cam is designed to provide comprehensive video surveillance for your vehicle, capturing footage from the front, rear, and interior simultaneously.

2. Product Overview

2.1 Key Features

- **4K Front and Rear Recording:** Achieves ultra HD 4K (3840x2160) resolution for the front camera and 1080P for the rear, providing clear evidence.
- **3-Channel Coverage:** Simultaneous recording from front (170° wide angle), interior (120°), and rear (120°) cameras for maximum road coverage.
- **Super Night Vision:** Equipped with 6 glass lenses, F1.8 aperture, WDR technology, and 4 infrared lights for enhanced clarity in low-light conditions.
- **G-Sensor & Emergency Lock:** Automatically detects sudden vibrations/collisions and locks the current video file to prevent overwriting.
- **Loop Recording:** Automatically overwrites the oldest footage when the memory card is full, ensuring continuous recording.
- **24-Hour Parking Monitor:** Automatically switches to parking mode when the vehicle is off, providing continuous surveillance (requires additional hardware kit).
- **Included 32GB Micro-SD Card:** Comes with a U3 32GB Micro-SD memory card, supporting up to 64GB.

2.2 Product Components

The ovedisa Dash Cam system includes the main dash camera unit, a rear camera, and a 32GB Micro-SD card. Below is an illustration of the main components.

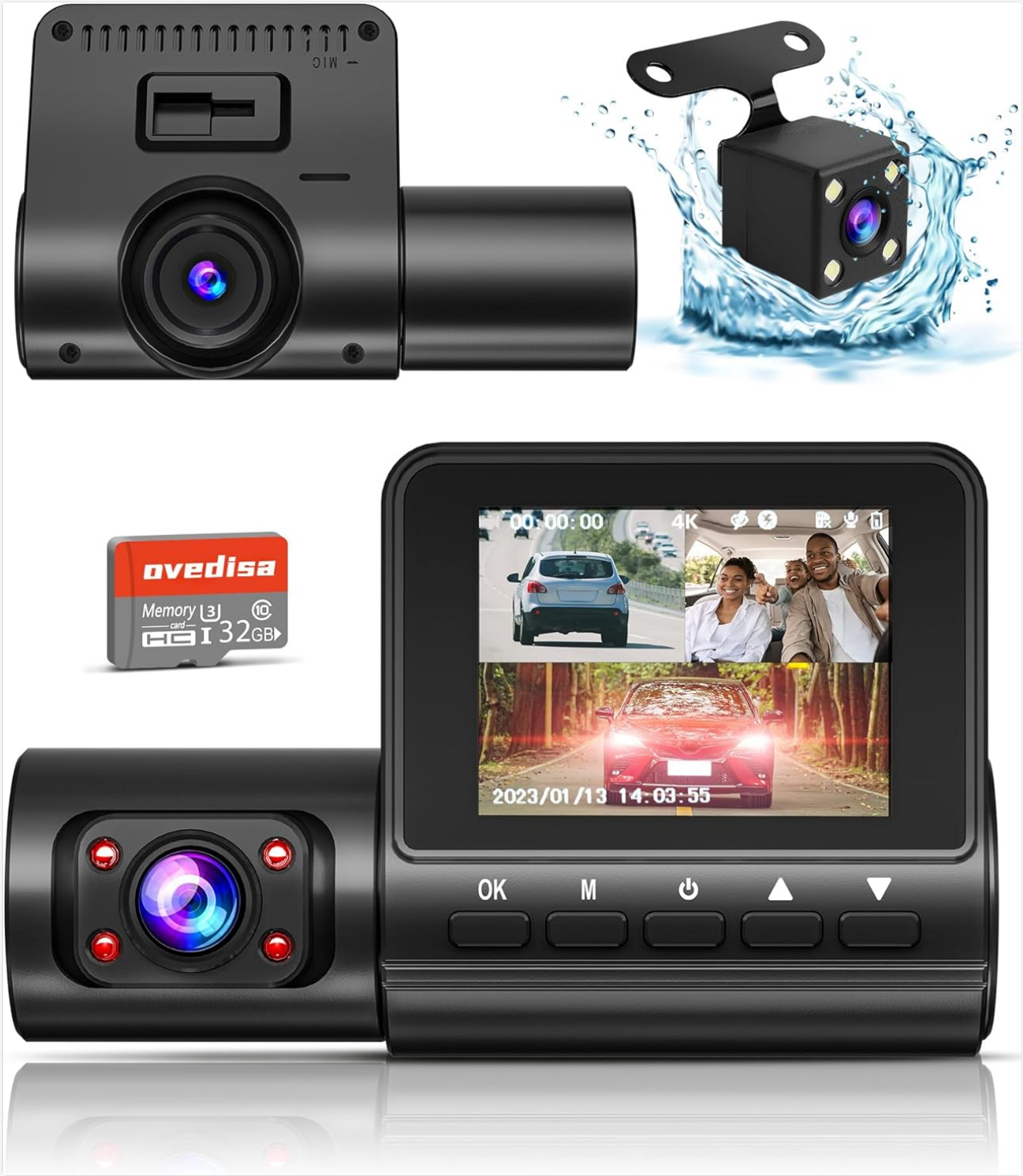

Image: The main dash camera unit, showing the front lens, display screen, control buttons, and the included 32GB Micro-SD card. A separate rear camera is also depicted.

3. Setup Guide

3.1 Package Contents

- Dash Cam Main Unit

- Rear Camera
- 32GB Micro-SD Card
- Power Cable (Car Charger)
- Mounting Bracket

3.2 Installation Steps

3.2.1 Front Camera Installation

1. Clean the area on your windshield where you intend to mount the dash cam. Ensure it does not obstruct your view.
2. Attach the mounting bracket to the dash cam.
3. Securely affix the dash cam with its bracket to the chosen spot on the windshield.
4. Connect the power cable to the dash cam and route it along the windshield edge and down to your car's cigarette lighter socket or USB port.

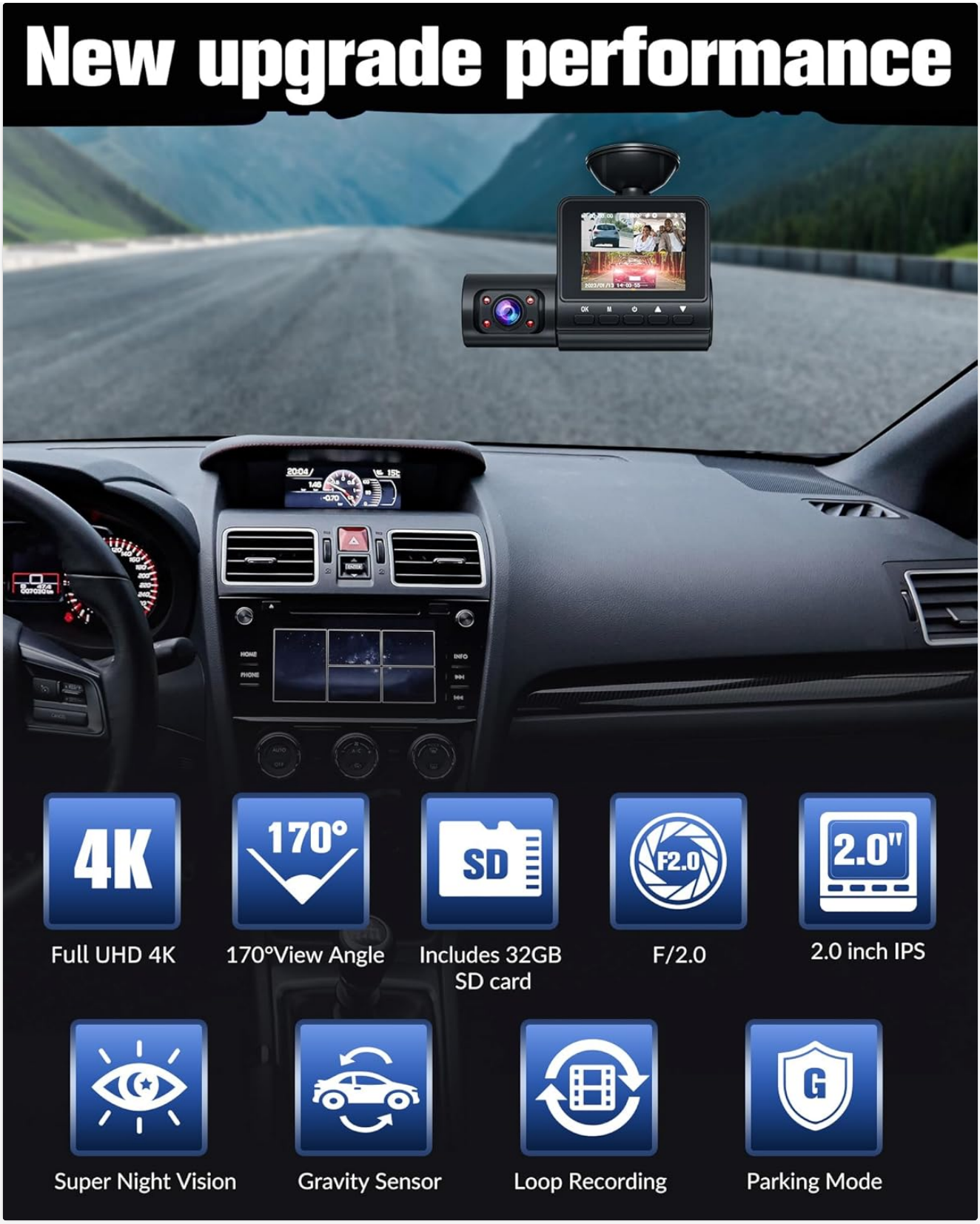

Image: The dash camera mounted on a car's windshield, illustrating its compact size and placement.

3.2.2 Rear Camera Installation

1. Identify a suitable location on your rear windshield for the rear camera, ensuring a clear view.
2. Connect the rear camera cable to the main dash cam unit.
3. Route the rear camera cable neatly along the vehicle's interior trim to the rear camera's mounting location.
4. Securely mount the rear camera. This camera connects directly to the front unit and does not require connection to the reverse light for basic operation.

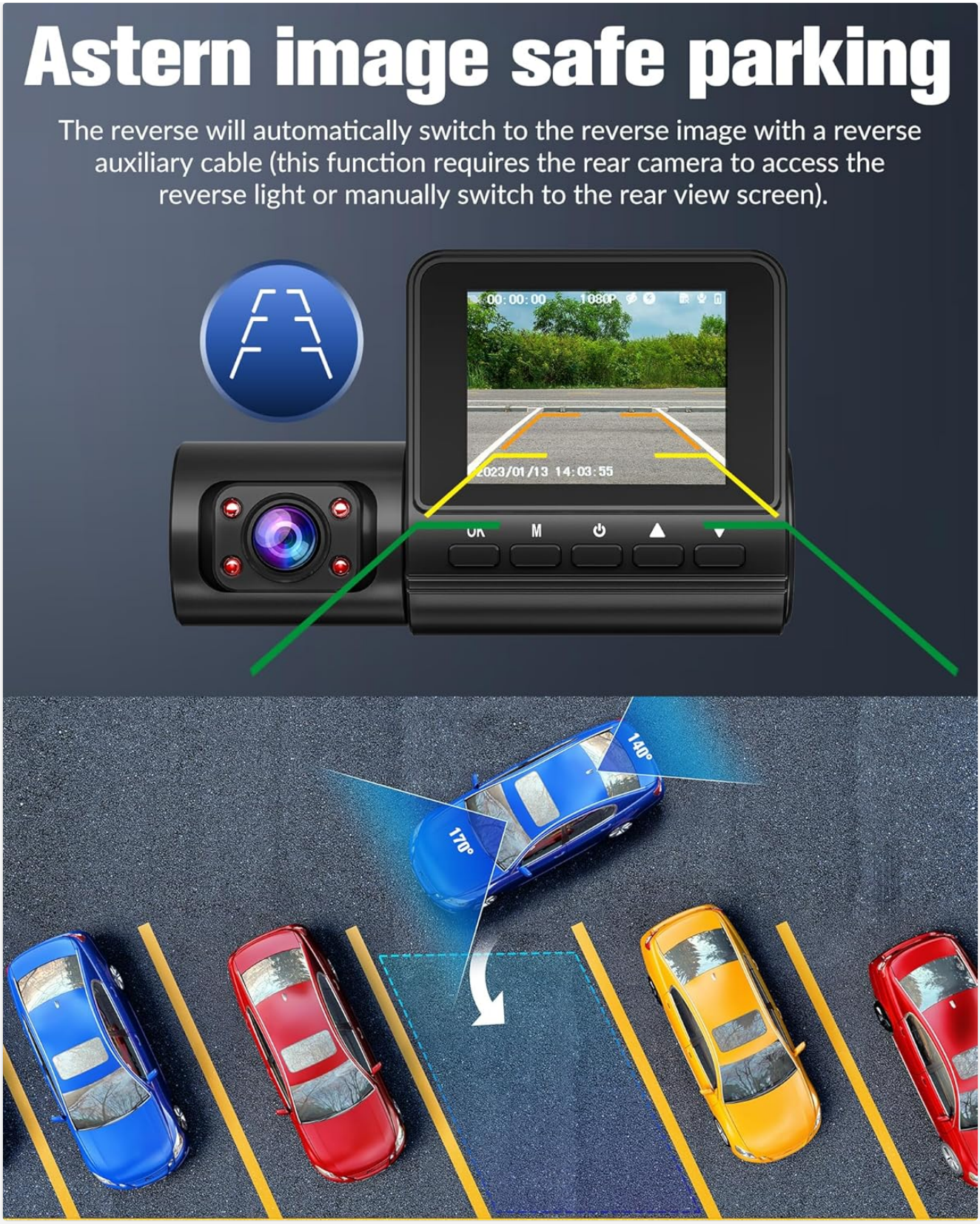

Image: The dash camera display showing the rear view with parking assist lines, indicating the functionality of the rear camera.

3.2.3 SD Card Insertion

1. Locate the Micro-SD card slot on the dash cam.
2. Insert the included 32GB Micro-SD card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. It is recommended to format the SD card within the dash cam's settings before first use to ensure compatibility and optimal performance.

4. Operating Instructions

4.1 Power On/Off

The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on. It will automatically power off when the ignition is turned off.

4.2 Recording Modes

4.2.1 3-Channel Recording

The dash cam simultaneously records video from the front, interior, and rear cameras. The front camera records in 4K, while the interior and rear cameras record in 1080P. This provides comprehensive coverage of your driving environment.

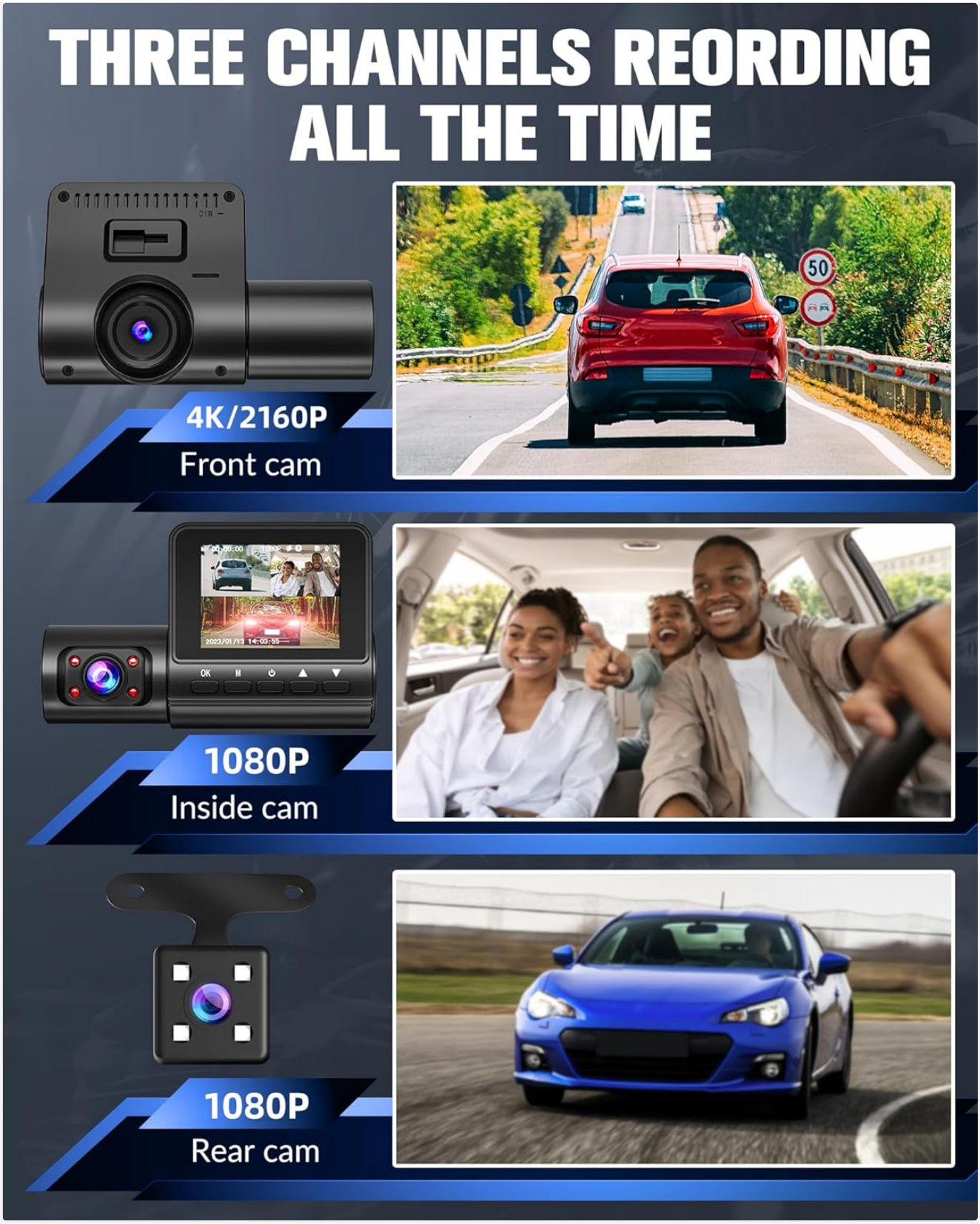

Image: Illustration of the three recording channels: front (4K), inside (1080P), and rear (1080P), demonstrating simultaneous recording.

4.2.2 Loop Recording

When the memory card reaches its storage limit, the dash cam will automatically overwrite the oldest recorded files with new ones. This ensures continuous recording without manual intervention. Important files protected by the G-Sensor will not be overwritten.

4.2.3 G-Sensor & Emergency Lock

The built-in G-Sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically

locks the current video segment, preventing it from being overwritten by loop recording. These locked files are stored in a separate folder on the SD card.

4.2.4 24-Hour Parking Monitor

With an optional hardwire kit (not included), the dash cam can monitor your vehicle continuously for 24 hours while parked. It can detect motion or impact and automatically start recording, providing all-weather protection. This feature operates with low power consumption.

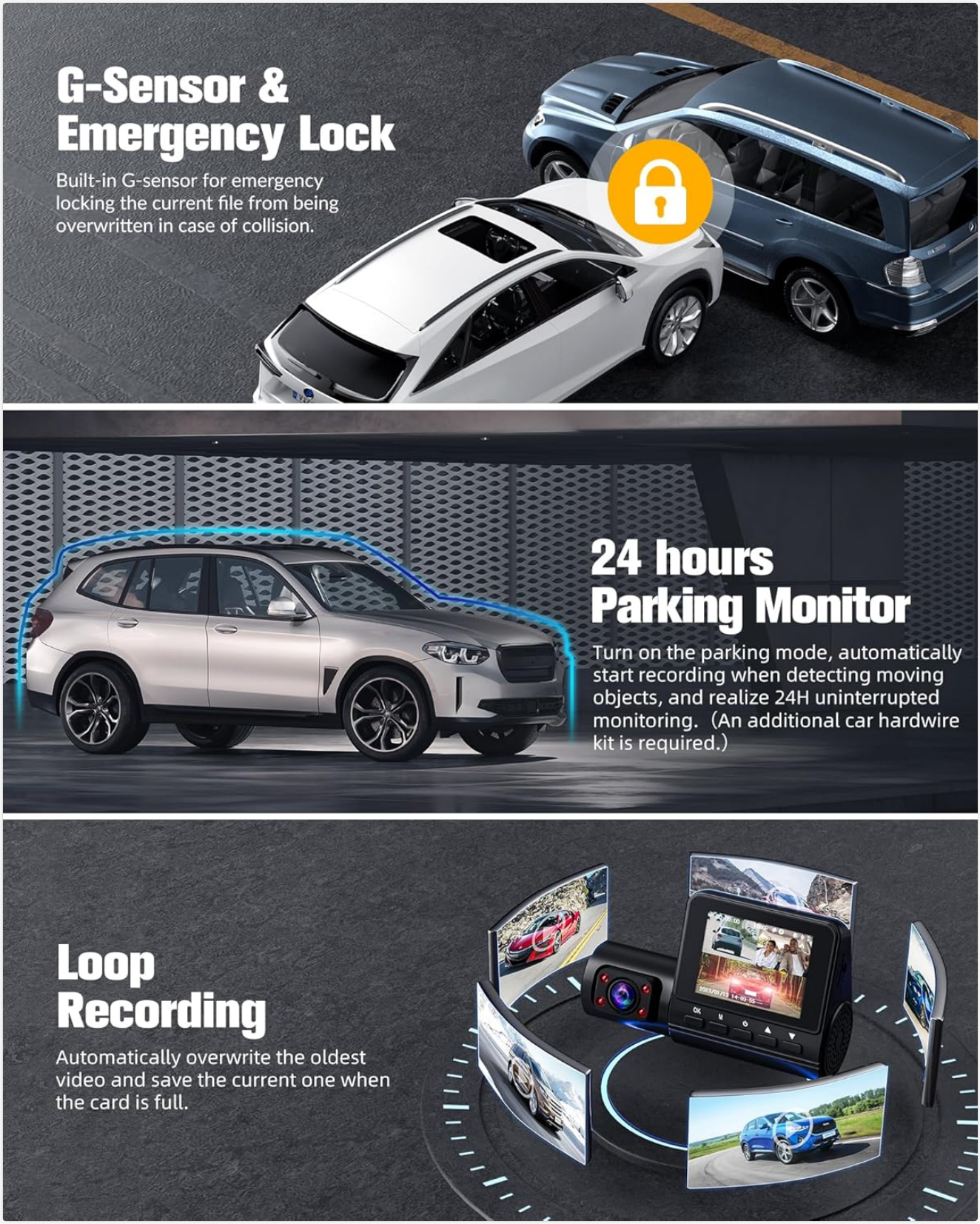

Image: Visual representation of G-Sensor emergency lock, 24-hour parking monitoring, and loop recording functionalities.

4.3 Night Vision

The dash cam features Super Night Vision technology, utilizing 6 layers of optical lenses, an F2.0 wide aperture, and 4 infrared lights. This combination, along with WDR (Wide Dynamic Range) technology, significantly enhances image clarity and color accuracy in low-light conditions, ensuring important details are captured day or night.

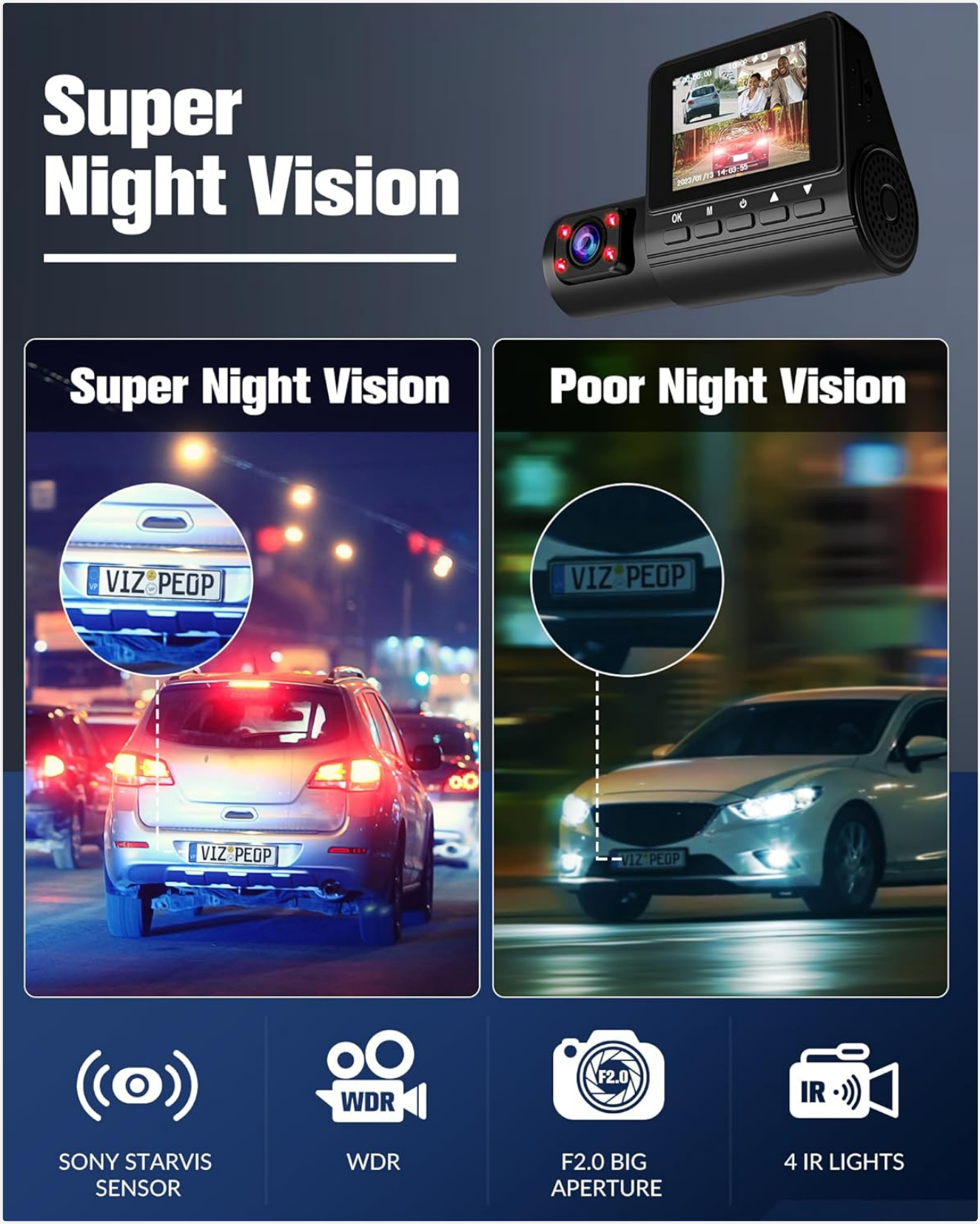

Image: A side-by-side comparison demonstrating the superior clarity and detail captured by Super Night Vision compared to standard night vision.

4.4 Wide Dynamic Range (WDR)

WDR technology helps the dash cam balance exposure in scenes with high contrast, such as driving from a dark tunnel into bright sunlight or at night with strong headlights. It ensures that both bright and dark areas of the image are clearly visible, preventing overexposure or underexposure.

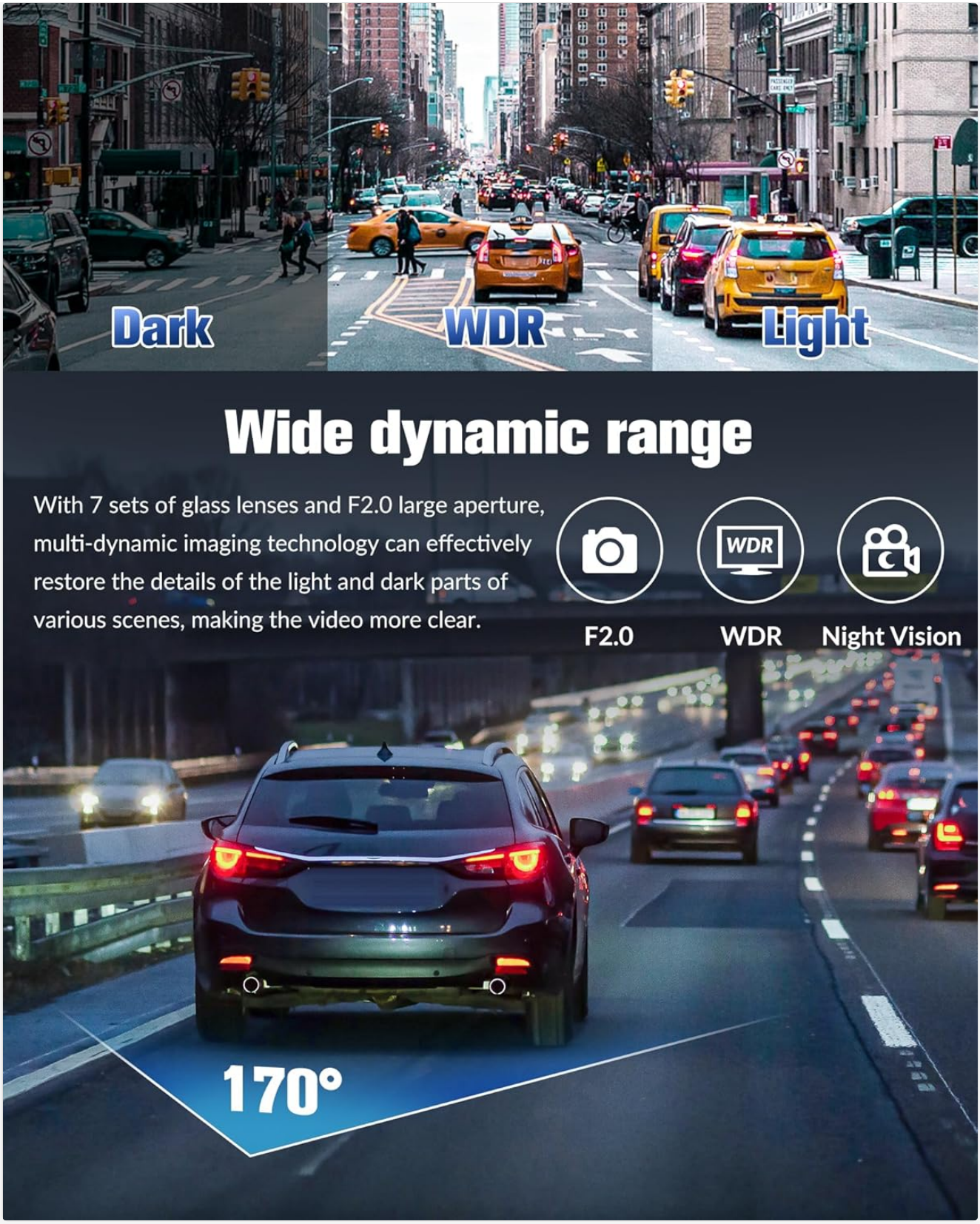

Image: An illustration demonstrating how Wide Dynamic Range (WDR) technology effectively restores details in both bright and dark parts of various scenes, resulting in clearer video.

4.5 Playback and File Management

Videos can be reviewed directly on the dash cam's display. To access and manage files on a computer, remove the Micro-SD card from the dash cam and insert it into a compatible card reader connected to your computer. Video files are typically organized into folders for normal recordings, emergency recordings, and parking mode recordings.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the dash cam's lens and screen. Do not use abrasive cleaners or solvents.
- **SD Card Care:** Regularly format the Micro-SD card (e.g., once a month) to prevent data corruption and ensure optimal recording performance. Back up any important footage before formatting.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods, as this can affect battery life and performance.
- **Firmware Updates:** Check the ovedisa official website periodically for any available firmware updates to improve performance and add new features.

6. Troubleshooting

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection.	Check power cable connection to the car charger and dash cam. Ensure car's ignition is on.
Recording stops or freezes.	SD card full; corrupted SD card; incompatible SD card.	Format the SD card. Use a high-speed (U3 or higher) Micro-SD card. Replace the SD card if necessary.
Poor video quality.	Dirty lens; protective film on lens; incorrect resolution settings.	Clean the lens. Remove any protective film. Check video resolution settings in the menu.
G-Sensor is too sensitive/not sensitive enough.	G-Sensor sensitivity setting.	Adjust G-Sensor sensitivity in the dash cam's settings menu.
Date/Time is incorrect.	Time zone or date settings.	Manually set the date and time in the dash cam's settings.

7. Technical Specifications

Feature	Specification
Product Dimensions	0.99 x 0.98 x 0.97 inches
Item Weight	4 ounces
Model Number	S6-CN
Batteries	1 Lithium Ion batteries required (included)
Connectivity Technology	Auxiliary

Feature	Specification
Special Features	Built-In Display, Built-In Speaker, G-Sensor, 360 Degree, Automatic Incident Detection, Loop Recording, Motion Sensing, Night Vision, Voice Alert, Built-In Microphone, Internal Memory, Parental Control Capability
Color	Black-New
Video Capture Resolution	3840x2160 (Front)
Mounting Type	Dashboard Mount
Front Camera Angle	170°
Interior Camera Angle	120°
Rear Camera Angle	120°
Display Size	2.0 inch IPS

8. Warranty and Support

For warranty information, technical support, or any inquiries regarding your ovedisa Dash Cam, please refer to the contact information provided on the product packaging or visit the official ovedisa website. Please retain your proof of purchase for warranty claims.