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## ZMOPO D435

# ZMOPO D435 4 Channel Dash Cam + GPS Logger User Manual

Model: D435

## 1. PRODUCT OVERVIEW

The ZMOPO D435 is a comprehensive 4-channel dash camera system designed to record video from multiple perspectives around your vehicle. It includes a GPS logger for accurate tracking of location, speed, and travel routes. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance of your device.



Image 1.1: ZMOPO D435 Dash Cam system with GPS logger and mobile application interface.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- ZMOPO D435 4 Channel Dash Cam Unit
- GPS Logger Module
- Power Cable
- Quick Guide
- Suction Mount



Image 2.1: Main components of the ZMOPO D435 package, including the dash cam, GPS logger, and an optional 128GB SD card.

### 3. SETUP AND INSTALLATION

#### 3.1 Dash Cam Installation

1. **Choose a Location:** Select a suitable location on your windshield, typically behind the rearview mirror, that does not obstruct your view.
2. **Clean Surface:** Ensure the windshield surface is clean and dry before attaching the suction mount.
3. **Attach Suction Mount:** Securely attach the suction mount to the chosen location.
4. **Mount Dash Cam:** Slide the D435 dash cam onto the suction mount until it clicks into place.
5. **Connect Power:** Connect the power cable to the dash cam and route it discreetly along the windshield edge and dashboard to your vehicle's power outlet (e.g., cigarette lighter).

#### 3.2 GPS Logger Installation

The GPS logger is designed for easy integration with the D435 dash cam.

1. **Connect GPS Module:** Plug the GPS logger cable into the designated port on the D435 dash cam.
2. **Position GPS Module:** Place the GPS module on your dashboard or another location with a clear view of the sky to ensure optimal satellite reception.



Image 3.1: The compact GPS logger module and its wired connection.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off and Recording

- **Automatic Operation:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on.
- **Manual Control:** Refer to the Quick Guide for specific button functions to manually start/stop recording or power the device.

### 4.2 4-Channel Recording

The D435 system records simultaneously from four cameras, providing a comprehensive view around your vehicle. Each camera records at 1080P 30FPS with a 160° field of view.

# 4 Channel Recording

Capture every perspective



Image 4.1: Visual representation of the 4-channel recording capability, capturing multiple perspectives.

## 4.3 Enhanced Night Vision

The dash cam features enhanced night vision technology, including HDR (High Dynamic Range) and WDR (Wide Dynamic Range) for improved clarity in low-light conditions. The left/right cameras also utilize 4 IR lights for better visibility inside the cabin.

# Enhanced Night Vision

Improved clarity with enhanced videos featuring HDR and WDR technology

**Front**

 **F1.6**



**Left / Right**

 **F1.6**



**Rear**

 **F1.6**

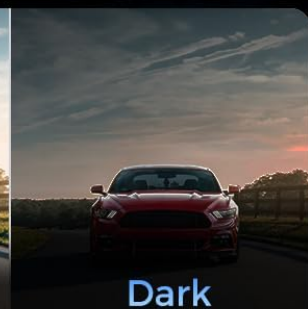
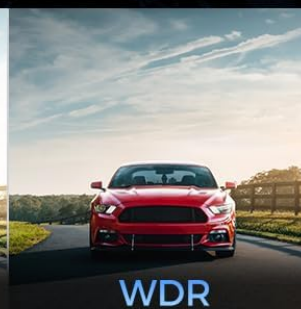
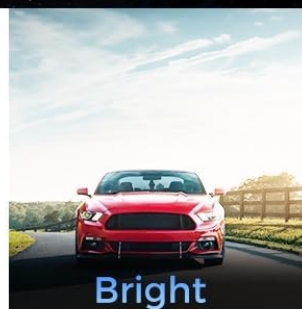


Image 4.2: Illustration of enhanced night vision features, including HDR, WDR, and IR lights for interior cameras.

## 4.4 GPS Tracking (Optional)

With the integrated GPS logger, the D435 records your vehicle's location, speed, and travel route. This data can be reviewed using the free GPS Video Player software available on the official ZMOPO website. This feature is crucial for documenting incident locations for roadside assistance or insurance claims.

# CPS Tracking (Optional) Identifies the location of the vehicle

Real-time tracking of vehicle location,  
speed, time, and routes on a map



Image 4.3: GPS tracking in action, displaying vehicle location, speed, and route on a map.

## 4.5 24H Parking Monitor (Requires Separate Hardware)

The 24-hour parking monitor feature provides continuous surveillance of your vehicle while parked. This functionality requires an ACC hardwire kit, which must be purchased separately. Once installed, the dash cam will automatically detect impacts or motion and record footage to protect your vehicle.

# 24H Parking Monitor

Complete coverage to ensure your vehicle is always protected



This feature requires our ACC hardwire kit, which must be purchased separately

Image 4.4: Illustration of the 24-hour parking monitor feature, providing continuous vehicle protection.

## 5. MAINTENANCE

### 5.1 Cleaning the Device

- Ensure the device is powered off and disconnected from power before cleaning.
- Use a soft, dry cloth to wipe the dash cam body and lens.
- Do not use abrasive cleaners or solvents, as they may damage the device.

## 5.2 SD Card Management

- Regularly format the SD card (at least once a month) to maintain optimal recording performance and prevent data corruption.
- Use a high-quality, high-speed (Class 10 or higher) microSD card.
- Replace the SD card periodically (e.g., every 6-12 months) as they have a limited lifespan due to continuous overwriting.

## 6. TROUBLESHOOTING

- **Device not powering on:** Check the power cable connection and ensure the vehicle's power outlet is functioning.
- **Recording issues:** Ensure an SD card is inserted and properly formatted. Try formatting the card again or using a different SD card.
- **GPS signal not found:** Ensure the GPS module is connected and placed in a location with a clear view of the sky. Avoid placing it under metallic objects that may block the signal.
- **Poor video quality:** Clean the camera lenses. Ensure the dash cam is securely mounted and not vibrating excessively.

## 7. SPECIFICATIONS

Feature	Specification
Model Name	D435
Video Capture Resolution	2160p (Front, Rear, Left, Right)
Connectivity Technology	Wired
Special Feature	Built-In GPS
Mounting Type	Windshield Mount / Dashboard Mount
Color	Black
Vehicle Service Type	Car
Date First Available	February 11, 2025

## 8. WARRANTY AND SUPPORT

### 8.1 Product Warranty

ZMOPO products typically come with a limited warranty covering manufacturing defects. Please refer to the warranty card included in your package or visit the official ZMOPO website for specific warranty terms and conditions applicable to your region.

## **8.2 Customer Support**

For technical assistance, troubleshooting, or warranty claims, please contact ZMOPO customer support. Contact information can usually be found on the official ZMOPO website or in the Quick Guide provided with your product.

**Online Resources:** For additional support, FAQs, and software downloads (such as the GPS Video Player), please visit the official ZMOPO website.