Hikvision AE-DC2018-D1

Hikvision D1 Dash Cam User Manual

Model: AE-DC2018-D1

Brand: Hikvision

1. Introduction

Thank you for choosing the Hikvision D1 Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your device. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

2. Safety Information

To prevent injury to yourself or others, and to avoid damage to your device, read all safety information before use.

- Do not disassemble, repair, or modify the device. Unauthorized modifications may void your warranty and cause damage.
- Ensure the device is securely mounted and does not obstruct the driver's view or interfere with vehicle controls.
- Use only the provided power adapter and charging cable. Using incompatible accessories may cause fire, electric shock, or damage.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not operate the device while driving. Adjust settings or review footage only when the vehicle is safely parked.

3. Package Contents

Verify that all items are present in your product package:

- Hikvision D1 Dash Cam
- Cigarette Lighter Power Adapter
- USB Charging Cable
- Mounting Bracket (Suction or Adhesive)
- User Manual (this document)

Note: An SD card (16GB-128GB) is required for video storage and is sold separately.

4. Product Overview

The Hikvision D1 Dash Cam is designed to capture high-quality video footage of your journeys. It features 1080P HD recording, built-in Wi-Fi for smartphone connectivity, 360-degree rotation for flexible viewing angles, and advanced parking monitoring capabilities.



Figure 4.1: Hikvision D1 Dash Cam, showing the camera unit, USB cable, cigarette lighter adapter, and a smartphone displaying the app interface with recorded videos.



Figure 4.2: Close-up of the Hikvision D1 Dash Cam highlighting its key features: 1080P HD video, built-in Wi-Fi, 360-degree rotation, support for up to 128GB storage, large aperture for clear images, and parking monitoring.

5. Setup

Follow these steps to set up your Hikvision D1 Dash Cam:

1. **Insert SD Card:** Locate the SD card slot on the dash cam and insert a compatible microSD card (Class 10 or higher, 16GB-128GB) until it clicks into place.
2. **Mount the Dash Cam:**
    - Clean the windshield area where you intend to mount the dash cam.
    - Attach the mounting bracket to the dash cam.
    - Secure the dash cam to the windshield using the suction mount or adhesive mount, ensuring it does not obstruct your view. Position it preferably behind the rearview mirror.
3. **Connect Power:** Plug the USB charging cable into the dash cam's power port. Connect the other end of the USB

cable to the cigarette lighter power adapter, and then plug the adapter into your vehicle's cigarette lighter socket.

4. **Adjust Angle:** Once powered on, adjust the camera lens to ensure it captures the desired field of view, typically covering the road ahead. The 360-degree rotation allows for flexible positioning.



Figure 5.1: The Hikvision D1 Dash Cam mounted on a car windshield, demonstrating its built-in Wi-Fi connectivity to a smartphone for easy management.

6. Operating Instructions

The Hikvision D1 Dash Cam is designed for easy operation, primarily through its built-in Wi-Fi and a dedicated mobile application.

6.1. Power On/Off

The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on (and the cigarette lighter socket receives power). It will power off automatically when the ignition is turned off.

6.2. App Control and Connectivity

The built-in Wi-Fi module ensures a reliable and fast connection to your smartphone. This allows for real-time video viewing, video playback, and parameter settings management.

1. **Download the App:** Search for the official Hikvision Dash Cam app on your smartphone's app store (iOS or Android).
2. **Connect to Wi-Fi:** Turn on the dash cam. On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network (usually named 'HIKVISION-XXXX'). The default password can be found in the app or on the device label.
3. **Access Features:** Open the app. You can now view live footage, browse recorded videos, download clips to your phone, and adjust various settings such as video resolution, G-sensor sensitivity, and parking monitoring options.

6.3. Loop Recording

The dash cam supports loop recording, which means it continuously records video in short segments (e.g., 1, 3, or 5 minutes). When the SD card is full, the oldest unlocked video segments will be overwritten by new recordings. This ensures continuous recording without manual intervention.

6.4. Parking Monitoring (G-Sensor)

The integrated G-sensor (gravity sensor) detects sudden movements or impacts. If your vehicle experiences a collision or violent vibration while parked, the dash cam will automatically initiate an emergency video recording. These emergency videos are locked and protected from being overwritten by loop recording, ensuring critical footage is preserved.

Note: For 24-hour parking monitoring, a hardwire kit (buckline) may be required and is sold separately. This ensures continuous power supply to the dash cam even when the vehicle is off, while also providing low voltage protection to prevent battery drain.



Figure 6.1: Illustration of the 24-hour parking monitoring feature, which provides low voltage protection and saves all critical details. A buckline is needed for this function.

7. Maintenance

- **SD Card Formatting:** It is recommended to format the microSD card regularly (e.g., once a month) through the dash cam app to ensure optimal performance and prevent data corruption. Back up any important videos before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam lens and body. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Check the Hikvision official website or the mobile app periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures the best performance and access to new features.

8. Troubleshooting

If you encounter issues with your Hikvision D1 Dash Cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dash cam does not power on.	No power from cigarette lighter socket; loose connection; faulty cable/adapter.	Check vehicle's cigarette lighter fuse. Ensure all connections are secure. Try a different power source or cable/adapter if available.
"Format SD Card" error message.	SD card not formatted or corrupted; incompatible SD card.	Format the SD card via the app. Ensure you are using a Class 10 or higher microSD card from a reputable brand. Try a different SD card.
Wi-Fi connection issues.	Incorrect Wi-Fi password; interference; app issues.	Verify the Wi-Fi password. Restart both the dash cam and your smartphone. Reinstall the app if necessary.
Poor video quality.	Dirty lens; incorrect resolution setting; low light conditions.	Clean the camera lens. Ensure video resolution is set to 1080P in the app.
Videos are not saving or are being overwritten.	SD card full (for non-emergency videos); loop recording enabled.	Ensure loop recording is functioning as expected. Emergency videos should be locked. Format the SD card if it's full and non-emergency videos are being lost.

If the problem persists after trying these solutions, please contact Hikvision customer support.

9. Specifications

Feature	Detail
Model Name	Hikvision D1 Dash Cam
Item Model Number	AE-DC2018-D1
Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi
Special Feature	Loop Recording, G-Sensor (Emergency Video), Parking Monitoring
Audio	Microphone sound acquisition, Speaker sound output
Storage Support	MicroSD card 16GB - 128GB (Class 10 or higher)
Mounting Type	Suction mount or Adhesive mount
Orientation	Driver Side
Included Components	Charging cable
Color	Grey
Product Dimensions	1 x 2.5 x 1 cm; 210 grams

10. Warranty and Support

For warranty information and technical support, please refer to the official Hikvision website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why won't videos from my Hikvision AE-DC2018-D1 dash cam open in any player or the mobile app, and why is the indicator light always red instead of blue?

Based on the Hikvision D1 Dash Cam manual and common troubleshooting steps, the issues you are experiencing with unplayable videos and a persistent red light are likely related to the SD card or the...

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