HIKVISION®

HikDashcam AE-DC2032-V300
User Manual

A Legal Statement

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images, and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons.

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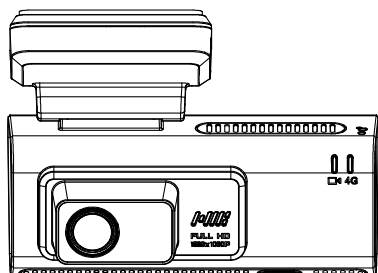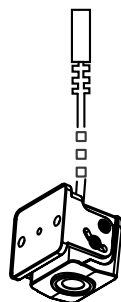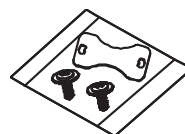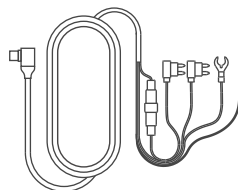
Disclaimer

C Packing List

1 Dashcam × 1

2 Rear Camera × 1 and Connector Cable × 1

3 Accessory Package × 1

4 Electrostatic Sticker × 1

5 4-Lead Hardware Kit Power Cable × 1

6 User Manual × 1

7 Eject Pin × 1

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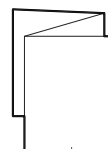
D Parts Introduction

1 3M Adhesive Pad

2 Lens

3 USB Interface

Note: USB interface is for power supply only.

4 Rear Camera Port

5 Eject Pin Hole of MicroSD (TF) Slot

6 Speaker

7 4G / GPS Indicator and Power Indicator
  *Check the 4G/GPS silk screen printing according to the actual selection.

8 Reset Button

9 Snapshot Button

10 MicroSD (TF) Slot

11 SIM Card 1 & 2 Slot (optional)
  *When GPS version is selected, no SIM card slot.
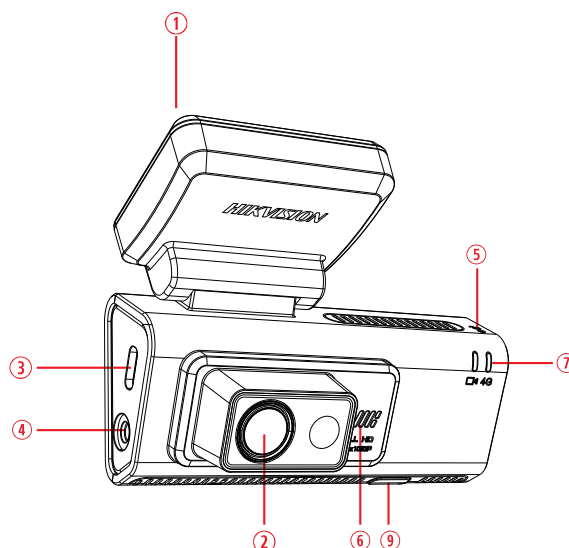
Figure 1, Left View
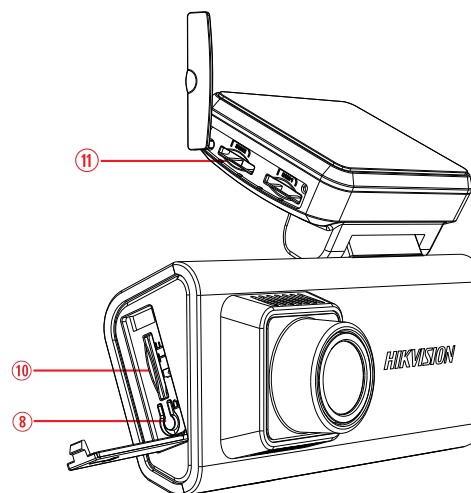
Figure 2, Right View

E Install Dashcam
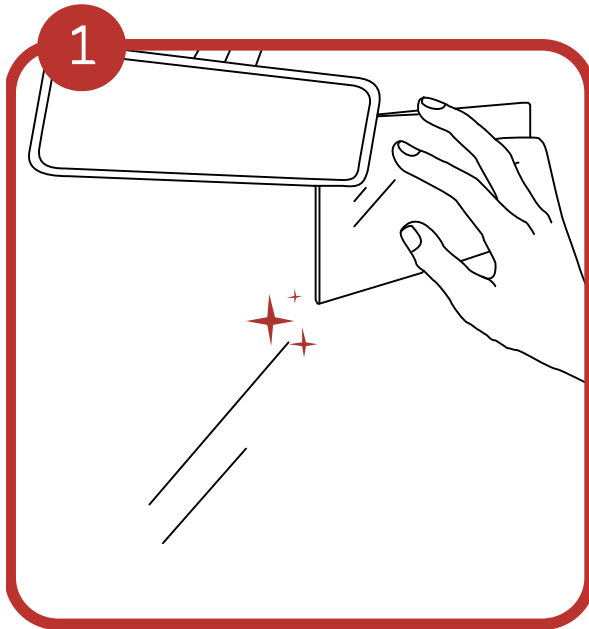
Figure 3, Apply Electrostatic Sticker

Clean the windshield and paste the electrostatic sticker onto the windshield.

NOTE: The electrostatic sticker prevents residual marks and allows window cleaning and dashcam repositioning.

Avoid introducing air bubbles. DO NOT reapply the film repeatedly.
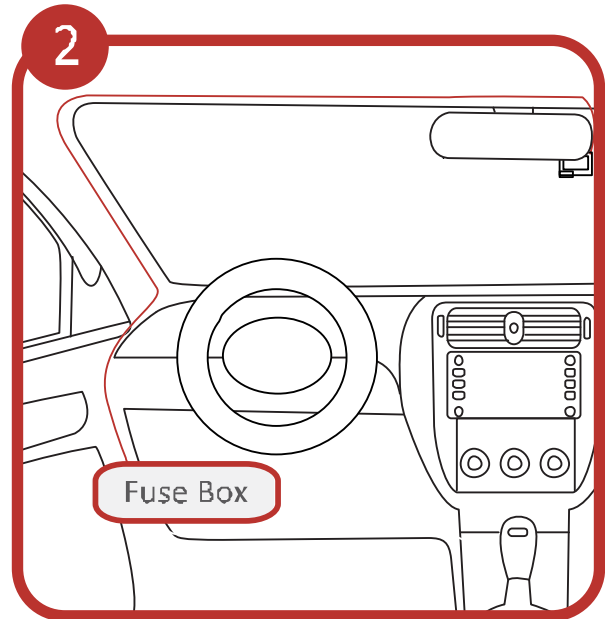
Figure 4, Route Cable to Fuse Box

Paste the device onto the electrostatic sticker and route cable to the fuse box for power.
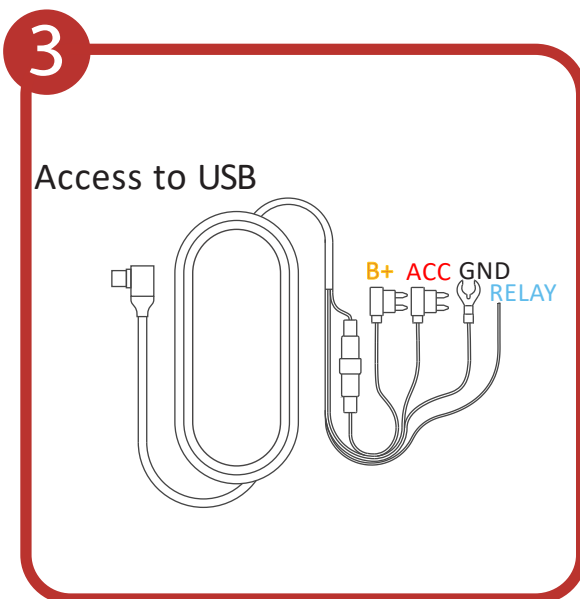
Figure 5, Connect Power Cord

Connect the power cord as per the above figure.
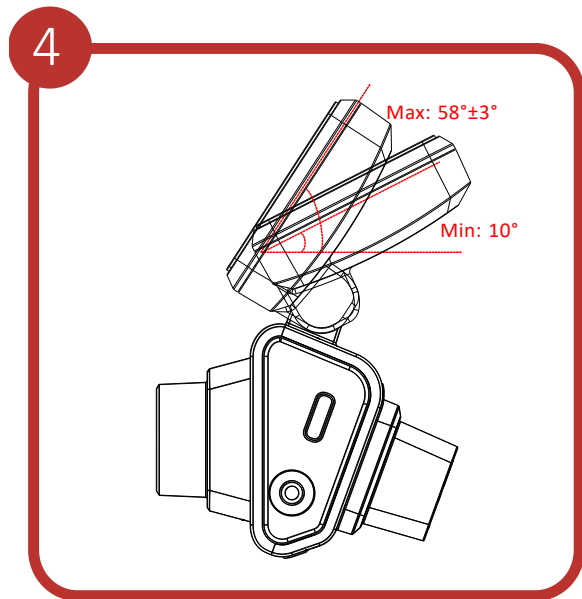
Figure 6, Adjust Dashcam Angle

Adjust the angle to the target direction.

F Install Rear Camera

OPTION 1: Exterior Mounting

1   Peel off the adhesive release paper on the camera bracket. Install the camera centered directly above the license plate so that it points at the road.

2   Connect the rear camera to the front dashcam by routing the cable as per the following diagram:
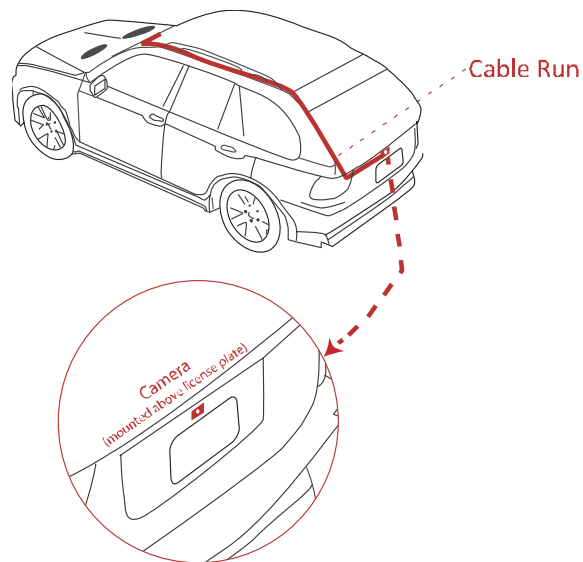
Figure 7, Rear Camera Exterior Cable Run

Figure 8, Rear Camera Exterior Placement

F Install Rear Camera

OPTION 2: Interior Mounting

1 Peel off the adhesive release paper on the camera bracket. Install the camera onto the top center of the rear window (interior side) so that it points directly at the road.

2 Connect the camera to the front dashcam by routing the cable as per the following diagram:
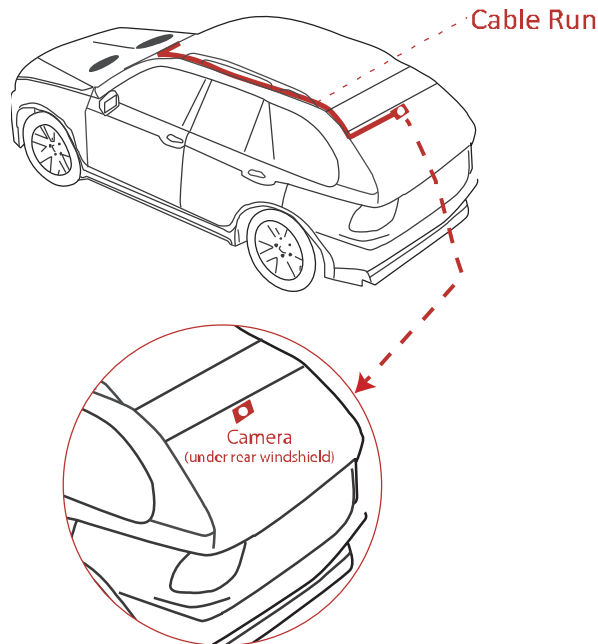
Figure 9, Rear Camera Interior Cable Run

Figure 10, Rear Camera Interior Placement on Rear Windshield

(Option 1)

Figure 11, Rear Camera Interior Placement on Rear Windshield

(Option 2)

NOTE: AE-DC2032-V300 is only supported for exterior installation.

G Mobile Phone Connection

1 Scan the QR code to download and install the HikDashcam app to your mobile phone.
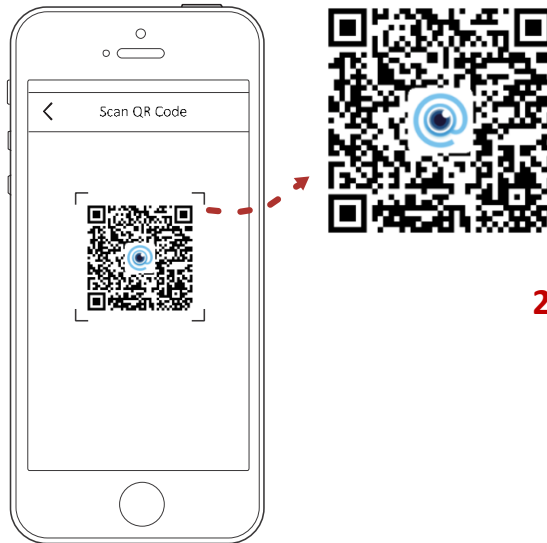
Figure 11, Scan QR Code for HikDashcam

2 Add the dashcam to the app.

    a. Run the HikDashcam app.

    b. Tap Wi-Fi Connection.

    c. In the Wi-Fi list, select the target dashcam's Wi-Fi SSID and enter the Wi-Fi password to establish a connection.

ⓘ • You can set the dashcam parameters.

    • For iOS, go your phone's Wi-Fi settings and connect to the dashcam Wi-Fi.

3 Edit the dashcam password to activate to avoid abnormal recording after connecting the Wi-Fi.

ⓘ Dashcam Wi-Fi default parameters:

• Wi-Fi SSID: hikvision-xxxx-xxxx (xxxx refers to the last four verification code characters).

• Wi-Fi password by default is 1234567890

• Create a new password after first login.

H Basic Operations

Recording

Power on the dashcam and start to recording .

· **Auto capture**: When the car is hit or shaken, the dashcam senses vibrations and captures the current video.

· **Manual capture**: Press snapshot button to capture the current picture. To associate with the current video, it needs to be set up in the app.

Note: The total capacity of emergency video files accounts for about 20% of the current memory card capacity. When the emergency video file reaches the upper limit, the new emergency video file will overwrite the original file. It is recommended to check regularly.

Insert TF Card

Use a card needle to stamp the small hole with the label 🔒 and open the TF card lock slot for card replacement.
Note: The two SIM cards cannot work simultaneously. SIM card 1 takes effect by default and can be switched to another SIM card in the hikdashcam app.

Parking Mode

The device automatically goes into parking mode after 5s delay when the automobile engine is shut off (only if using a three lead buck line cable connected directly to the fuse box) and the device continues to record at 1 fps.

Note: 1) In the high temperature of summer, when the temperature inside the car exceeds 60 $^\circ$C, it is recommended that the user turn off the dashcam to avoid abnormal operation due to high temperature.

2) It is recommended to turn off the parking monitoring function when the vehicle is not in use for a long time to avoid feeding. The equipment protection voltage is 11.8V ± 0.2V.

Firmware Upgrade
Step 1: Run the HikDashcam app.
Step 2: Connect to the dashcam you would like to upgrade.
Step 3: Tap the **Upgrade** button to upgrade the firmware.
*When upgrading, do not power off or unplug the card.

Indicator & Button & Power Cable
Recording Indicator
Normal recording: Blue light is on.
Parking and monitoring: Blue light flashes.
Abnormal recording: Red light is on.
Upgrading: Red and blue lights flash alternately.
4G/GPS Indicator
4G: *GPS:*
No 4G signal: Blue light is off.   No GPS signal: Blue light is off.
Online: Blue light is on.   Location: Blue light is on.
4G signal but offline: Blue light flashes.   GPS signal but not location: Blue light flashes.
Snapshot Button
Press to photo.
Reset Button
Press to reset the dashcam.
Power Cable
B+ (Yellow): Supply power
ACC (Red): ACC check
GND (Black): Grounding
Relay (Blue): When the external voltage drops from 3.3V to 0V, the device will start recording and continue for 1 minute before shutting down. When the device detects the next 3.3V-0V fluctuation, it will wake up again and start recording for 1 minute.

I Specifications

AE-DC2032-V300	
Camera	
Image Sensor	CMOS
Resolution	Front: 1080P, interior: 720P, rear: 1080P
Angle Adjustment	Front: Horizontal 111°, vertical 58°, diagonal 134° Interior: Horizontal 105°, vertical 58°, diagonal 124° Rear: Horizontal 102°, vertical 53°, diagonal 124°
Aperture	Front: F2.0, interior: F2.2, rear: F2.0
Video Compression	H.265
Image Format	JPEG
Storage	TF Card: 32 GB to 256 GB
Communication Module	Wi-Fi, 4G[CAT1](optional)
Sensor	G-sensor, GPS
Interfaces	
Power Supply	Type C
Audio Input	Mic
Audio Output	Built-in loudspeaker
General	
Working Temperature	-20° to 70° C (-4° to 158° F)
Working Humidity	0% to 95%
Power Supply	12 VDC, 2 A
Power Consumption	≤ 6.5 W
Dimension (L x W x H) (w/o Bracket)	Approx. 101.3 mm × 43.8 mm × 43.7 mm (4.0" × 1.7" × 1.7")
Weight (Approximate)	130 g (0.29 lb)

J Cautions

Safety Instructions

These instructions are intended to ensure that users can use the product correctly to avoid danger or property loss.

Cautions

Injury or equipment damage may occur if any of the cautions are neglected.

• In the use of the dashcam, you must be in strict compliance with the local laws and regulations.

• You are recommended to install the dashcam near the rear mirror to ensure the dashcam can record with the best road view. DO NOT install the dashcam in a location that will block the driver's sight. Keep the user manual for future reference. See initial connection of dashcam in the user manual.

• Purchase the microSD (TF) card from a legal channel. To ensure safe and stable data transmission, it is recommended to use a microSD (TF) card of V30 or above.

• Format the new microSD (TF) card before using the card.

• To protect the microSD (TF) card from damage, shut down the dashcam before inserting and pulling out the microSD (TF) card.

• Operating temperature is from -20° to 70° C (-4° to 158° F).

• To protect the dashcam, DO NOT use it in high temperature, low temperature, or high-humidity environments. Protect the dashcam from rain and dust.

• This Manual is subject to updates. The dashcam functions may vary by model.

• The device's driving assistance function only sends alarm or warning to the driver and cannot replace the driver's judgment. DO NOT rely only on the driving assistance function.

• It is required to use industrial grade SIM cards (MP2) and prohibit to use regular grade SIM cards (MP1). Our company is not responsible for any issues caused by the use of regular grade SIM cards.

K Troubleshooting

Trouble	Solution
The dashcam falls off easily	• Clean the windshield before installation. • Check that the 3M adhesive pad is tightly adhered to the electrostatic film before installation.
Starting the dashcam failed	• Check whether the vehicle is started and the power supply is normal. • Check whether the car charger is tightly connected. • Restore to defaults: Hold the **RESET** button until the startup music is heard.
The dashcam powers off easily	• Make sure the power cord is in good condition. • Make sure the power cord is tightly connected to the appropriate interfaces.
Recording is abnormal and indicator is unlit	• Make sure that the dashcam started up successfully. Check that the microSD (TF) card is inserted. Check the microSD (TF) card status, e.g., its format and its lifespan. Change the microSD (TF) card if there are problems.
Recording is blurred	• Make sure the protective film has been removed. • Check that the windshield and the dashcam lens are clean.
Recording is muted	• Set audio settings on the device or turn on sound recording in the HikDashcam app. • Turn on sound through the dashcam's audio control function.
Dashcam reboots itself	• Check that the 12 V power is tightly connected.
Mobile phone cannot connect to the dashcam	• Make sure the HikDashcam app is installed. Re-pair the dashcam to the app.
The mobile phone cannot display recordings	• Check the player or your phone system. Connect the microSD (TF) card to your computer and display the recordings.
The microSD (TF) card is not detected when connecting the dashcam to a computer with the supplied power cord	• The dashcam does not support data transmission, and the supplied power cord is only for charging. • If you need to transfer data, connect the microSD (TF) card to your computer.

K Troubleshooting

Connecting to Wi-Fi takes a long time	• Check interference from surrounding Wi-Fi signals. Use the dashcam in an environment where there is less interference. • Shut down unnecessary programs and apps on your phone to release some resources for the HikDashcam app, then reconnect the Wi-Fi.
Dashcam Wi-Fi password is forgotten	• The default password is 1234567890. If you have revised the password, reset the password by doing the following: 1. Hold the **RESET** button on the dashcam until the startup music is heard, the dashcam will be restored to the defaults. 2. Go to the HikDashcam app's Wi-Fi connection interface. 3. Select the Wi-Fi SSID, and log in with the default password 1234567890.
No GPS signal	• Check whether the GPS function is enabled. Normally, the GPS function is enabled by default. Make sure the device is not in a location with a weak signal or no signal such as underground garage. • Make sure there is no metal around the device because metal can interfere with the GPS signal. • Make sure the location where the device is installed has good GPS reception.
No 4G signal	• Check whether the 4G function is enabled. Normally, the 4G function is enabled by default. Make sure the device is not in a location with a weak signal or no signal such as underground garage. • Make sure there is no metal around the device because metal can interfere with the 4G signal. • Make sure the location where the device is installed has good 4G reception.

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