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› CHORTAU V-40 Dash Cam User Manual

## CHORTAU V-40

# CHORTAU V-40 Dash Cam User Manual

Model: V-40

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## 1. INTRODUCTION

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Thank you for purchasing the CHORTAU V-40 Dash Cam. This device is designed to provide reliable video recording of your journeys, enhancing safety and providing evidence in case of incidents. Please read this manual thoroughly before use to ensure proper installation and operation.



Figure 1.1: CHORTAU V-40 Dash Cam

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- CHORTAU V-40 Dash Cam
- 32GB SD Card
- Car Charger
- User Manual
- Electrostatic Sticker
- GPS Module (Optional, if purchased)
- Buck Line for 24H Parking Monitoring (Optional, if purchased)



Figure 2.1: Package Contents

## 3. SETUP

### 3.1 Inserting the SD Card

1. Ensure the dash cam is powered off.
2. Locate the SD card slot on the side of the dash cam.
3. Insert the provided 32GB micro SD card (or another compatible card up to 256GB) into the slot until it clicks into place.
4. To remove, gently push the card in until it springs out.



Figure 3.1: Inserting the Micro SD Card

### 3.2 Mounting the Dash Cam

The CHORTAU V-40 offers flexible mounting options:

- **Method 1: Dashboard Mount** - Use the electrostatic sticker to attach the dash cam onto a horizontal panel in front of the car.
- **Method 2: Windshield Mount** - Attach the dash cam directly to the windshield using the provided mount and electrostatic sticker.

Ensure the camera has a clear view of the road and does not obstruct the driver's vision. The 360° rotatable bracket allows for easy adjustment of the recording angle.



Figure 3.2: Dash Cam Installation Methods

### 3.3 Power Connection

Connect the dash cam to your car's power supply using the provided car charger. The dash cam will automatically power on and begin recording when the vehicle ignition is turned on, and save the video before shutting down when the engine is turned off.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Operation

- **Power On/Off:** The dash cam powers on/off automatically with the car's ignition. You can also manually power it on/off using the power button.
- **Recording:** Once powered on, the dash cam automatically starts loop recording. A red 'REC' indicator will be visible on the screen.
- **Screen Display:** Lightly press the power button to cycle through different display screens or turn the screen off while recording.

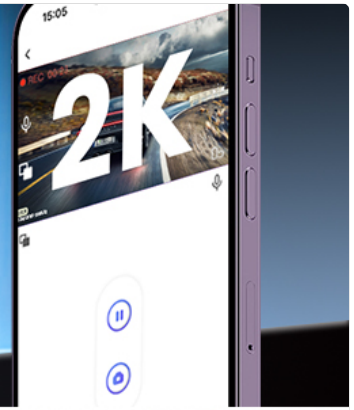
### 4.2 Wi-Fi & App Control

The CHORTAU V-40 features built-in Wi-Fi for seamless control and footage management via the "Viidure" app.

1. Download the "Viidure" app from your smartphone's app store.
2. On the dash cam, activate Wi-Fi (refer to the on-screen menu or quick guide). The Wi-Fi SSID and password will be displayed.
3. Connect your smartphone to the dash cam's Wi-Fi network using the provided credentials.
4. Open the "Viidure" app to view live footage, switch views, playback videos, download recordings, share content, and adjust camera settings.

## Built-in WiFi & App Control

Access to Viidure dash cam via our app, easily share the footage to your family and friends, manage the camera settings.



## GPS Module

If you order a kit with GPS, you can achieve GPS trajectory recording function. Through this function, you can record the car's driving trajectory and view the car's driving trajectory through the mobile app (Viidure APP) or computer.



Figure 4.1: Wi-Fi and App Control Interface

### 4.3 GPS Functionality (Optional)

If you have purchased the optional GPS module, you can record your driving trajectory and view it through the Viidure app or on a computer. This feature provides location and speed data alongside your video recordings.

## 5. KEY FEATURES

### 5.1 2K FHD Video Recording

The CHORTAU V-40 records in 2K (2560x1440) resolution, capturing clear details of license plates and road signs during both daytime and nighttime driving conditions.



Figure 5.1: 2K Video Recording Quality

## 5.2 Night Vision & WDR

Equipped with 6 IR LEDs and Wide Dynamic Range (WDR) technology, the dash cam enhances image clarity in low-light conditions, ensuring optimal footage even at night.



Figure 5.2: Night Vision and WDR in action

## 5.3 Loop Recording

When the memory card is full, the loop recording feature automatically overwrites the oldest footage with new

content. This ensures continuous recording without manual intervention. The dash cam supports micro SD cards up to 256GB.

## 5.4 Emergency Accident Locks (G-Sensor)

The built-in G-Sensor detects sudden collisions or impacts. Upon detection, it automatically saves and locks the current footage to an "SOS" file, preventing it from being overwritten by loop recording. This protects critical video evidence.

**G-Sensor Collision Lock**

Our dash cam automatically secures vital files upon detecting collisions, safeguarding them from loop recording. It also offers looped locking, optimizing your memory card's recording capacity.

**Loop Recording**

Auto overwrite the oldest footage to save the current files when the card is full. Supporting loop recording intervals (1/2/3/4/5 min), Compatible with up to 256GB cards, Same capacity, Longer recording time.

2K Quad HD

Other  
H.264

Figure 5.3: G-Sensor Collision Lock

## 5.5 24H Parking Mode

With the optional Buck Line connected, the dash cam can monitor your vehicle 24/7. If an impact is detected while parked, the dash cam will automatically power on and record, providing video evidence of any scratches or incidents. This feature works in conjunction with the G-Sensor.

## 5.6 Built-in Supercapacitor

The CHORTAU V-40 uses a supercapacitor instead of a traditional battery. This provides enhanced durability and reliability, especially in extreme temperatures, preventing overheating, explosions, or melting, and ensuring a longer lifespan.

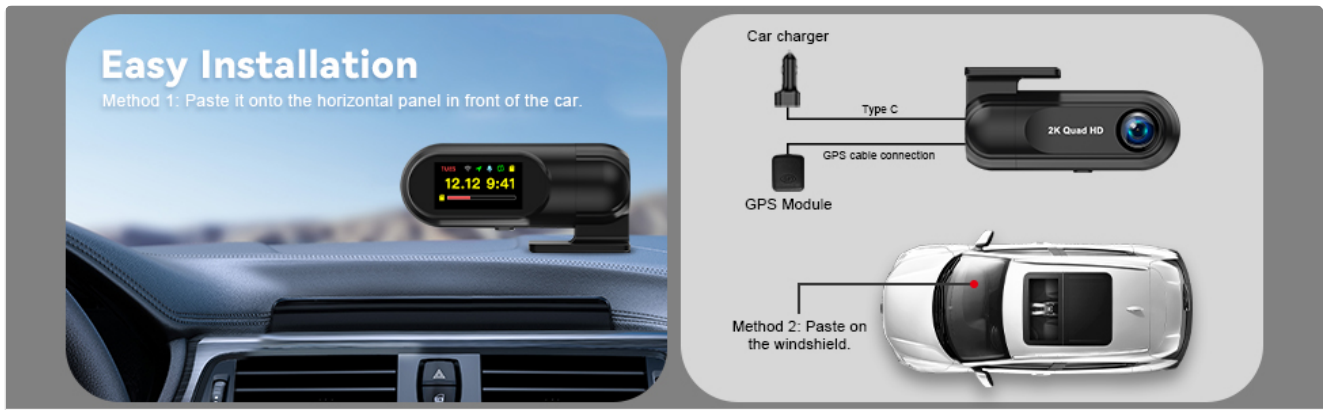


Figure 5.4: Supercapacitor Benefits

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and screen. Avoid using abrasive cleaners or solvents.
- **SD Card Formatting:** It is recommended to format the micro SD card regularly (e.g., once a month) to ensure optimal performance and prevent data corruption. This can usually be done through the dash cam's menu settings or via the Viidure app.
- **Firmware Updates:** Check the CHORTAU official website or the Viidure app periodically for any available firmware updates to improve performance and add new features.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods when not in use. The supercapacitor is designed for resilience, but proper care extends product life.

## 7. TROUBLESHOOTING

Problem	Possible Cause / Solution
Dash cam does not power on.	<ul style="list-style-type: none"> <li>• Check if the car charger is properly connected to both the dash cam and the car's power outlet.</li> <li>• Ensure the car's ignition is on.</li> <li>• Test the car charger in another device or use a different charger if available.</li> </ul>

Problem	Possible Cause / Solution
Recording stops or freezes.	<ul style="list-style-type: none"> <li>• The SD card may be full. Format the SD card.</li> <li>• The SD card may be faulty or too slow. Use a high-speed (Class 10 or U3) micro SD card.</li> <li>• Ensure the dash cam's firmware is up to date.</li> </ul>
Video footage is blurry or unclear.	<ul style="list-style-type: none"> <li>• Clean the camera lens with a soft cloth.</li> <li>• Ensure the protective film has been removed from the lens.</li> <li>• Check if the dash cam is securely mounted and not vibrating.</li> </ul>
Wi-Fi connection issues.	<ul style="list-style-type: none"> <li>• Ensure Wi-Fi is enabled on the dash cam and your smartphone.</li> <li>• Verify the correct Wi-Fi SSID and password are being used.</li> <li>• Restart both the dash cam and your smartphone.</li> </ul>
Parking mode not working.	<ul style="list-style-type: none"> <li>• Ensure the optional Buck Line is correctly installed and connected to a constant power source.</li> <li>• Check parking mode settings in the dash cam menu or Viidure app.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Model Number	V-40
Video Capture Resolution	2K (2560x1440p)
Screen Size	1.47 inches IPS
Wide Angle	170°
Connectivity Technology	Wi-Fi
Special Features	App Control, Loop Recording, Motion Sensing, Night Vision, Parking Monitor, G-Sensor, WDR
Storage Support	Up to 256GB Micro SD Card (32GB included)
Power Source	Car Charger (Built-in Supercapacitor)
Product Dimensions	5.2 x 2.17 x 3.75 inches
Item Weight	0.35 ounces
Mounting Type	Dashboard Mount
Manufacturer	CHORTAU

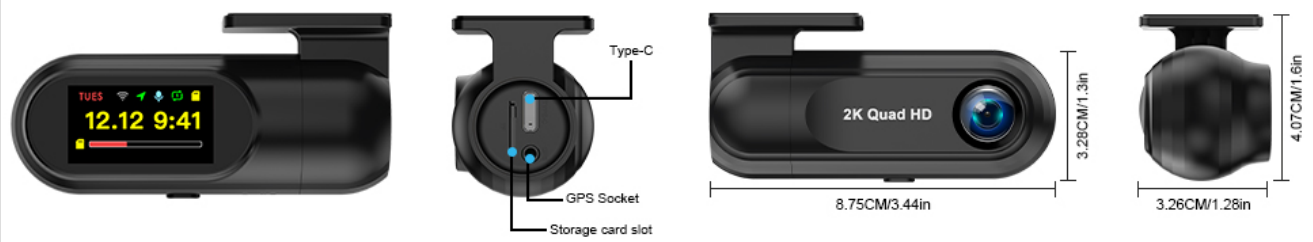


Figure 8.1: Product Dimensions and Components

## 9. WARRANTY & SUPPORT

CHORTAU provides dedicated customer support for its products.

- **Technical Support:** For any queries or technical assistance regarding your dash cam, please contact our customer service team. We offer 7\*24 hours technical support.
- **Warranty Information:** Please refer to the warranty card included in your package or visit the official CHORTAU website for detailed warranty terms and conditions.

For further assistance, you may also refer to the "User guide" available on the product page where you purchased the item.