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Vernijtrdy 500710086

Vernijtrdy Q6 1296P HD DVR Dash Cam User Manual

Model: 500710086

Introduction Safety Features Setup Operation Maintenance Troubleshooting Specifications Warranty

1. Introduction

Thank you for choosing the Vernijtrdy Q6 1296P HD DVR Dash Cam. This manual provides essential information for the proper installation, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and safety.

1.1 Package Contents

- Q6 Car Video Recorder (Memory card not included)
- Power Cord (ACC-3.5M)
- English Manual

Note: Contents may vary slightly. Please check your package upon receipt.

2. Safety Information

To prevent damage to the device or injury to yourself and others, please observe the following safety precautions:

- **Installation:** Ensure the dash cam is installed securely and does not obstruct the driver's view or interfere with vehicle controls.
- **Power Supply:** Use only the provided power cord. Incorrect power sources may damage the device or cause fire.
- **Temperature:** Do not expose the device to extreme temperatures. High temperatures, especially direct sunlight in a parked car, can damage internal components. The device is designed to operate within standard automotive temperature ranges.
- **Water Exposure:** This device is not waterproof. Avoid exposure to rain, moisture, or liquids.
- **Disassembly:** Do not attempt to disassemble, repair, or modify the device yourself. This will void the warranty and may cause damage or injury.
- **Memory Card:** Always insert and remove the memory card when the device is powered off to prevent data corruption.



Figure 2.1: The Q6 Dash Cam is designed without internal lithium batteries for enhanced safety, especially in high-temperature environments. Avoid prolonged exposure to direct sunlight in parked vehicles to prevent potential damage.

3. Product Features

The Vernijtrdy Q6 Dash Cam is equipped with advanced features to enhance your driving safety and recording experience:

- **1296P HD Video Recording:** Captures clear and detailed footage.
- **WiFi Interconnection:** Connects to your smartphone for live preview, video download, and settings adjustment.
- **24-Hour Parking Monitoring:** Provides continuous surveillance when your vehicle is parked (requires proper hardwire connection).
- **TYPE-C Interface:** Modern and reversible connector for power.
- **Automatic Loop Recording:** Overwrites the oldest footage when the memory card is full, ensuring continuous recording.
- **130° Wide-Angle Lens:** Captures a broad view of the road.
- **H.265 Advanced Compression:** Efficient video compression saves storage space while maintaining video quality.
- **1.47-inch IPS Display:** Provides a clear, true-color display for video status and settings.
- **Lithium-Free Design:** Enhances safety by eliminating internal batteries, reducing risks associated with high temperatures.
- **Multi-Language Support:** Offers various language options for user convenience.



Figure 3.1: Key components of the Q6 Dash Cam, including the TYPE-C power port, the 1.47-inch display, and the wide-angle camera lens.



Figure 3.2: The HD IPS display provides clear visual feedback for recording status and time.

4. Setup and Installation

Proper installation is crucial for the dash cam's performance and your safety. Follow these steps carefully.

4.1 Mounting the Dash Cam

1. Choose a location on your windshield that does not obstruct your view of the road. Typically, this is behind the rearview mirror.
2. Clean the windshield surface thoroughly before attaching the mounting bracket.
3. Attach the dash cam to the mounting bracket and secure it to the windshield.
4. Adjust the lens angle to ensure it captures the road ahead clearly.

4.2 Wiring Connection

The Q6 Dash Cam uses an ACC hardwire kit for power, enabling 24-hour parking monitoring. It requires connection to your vehicle's fuse box.

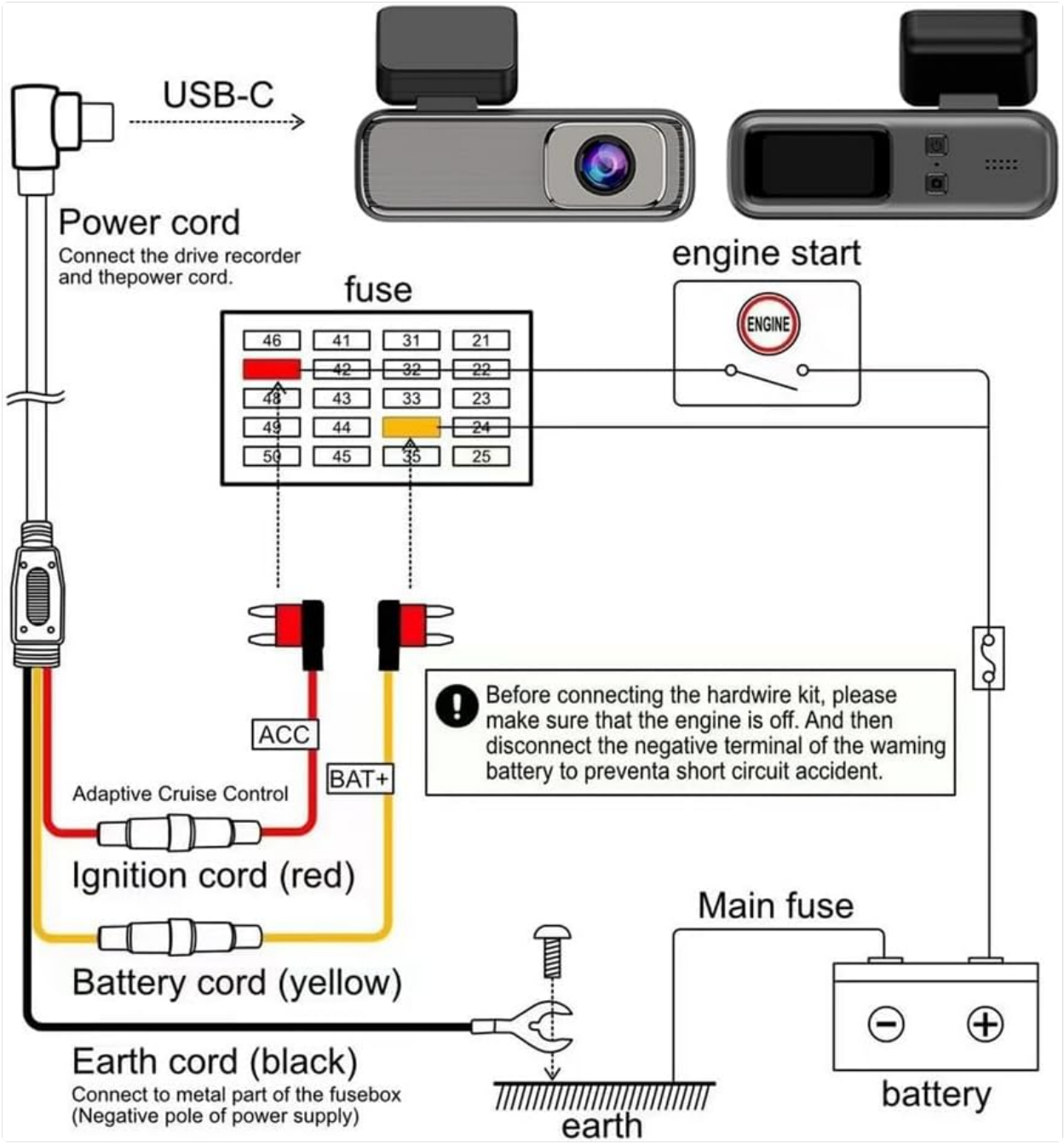


Figure 4.1: Wiring diagram for the Q6 Dash Cam. Connect the red wire to an ACC fuse, the yellow wire to a constant BAT+ fuse, and the black wire to a metal ground point.

Important Safety Note: Before connecting the hardwire kit, ensure the engine is off. Disconnect the negative terminal of your vehicle's battery to prevent short circuit accidents. If you are unsure about electrical wiring, consult a professional.

1. **Connect Power Cord:** Plug the USB-C end of the power cord into the dash cam.
2. **Identify Fuse Box:** Locate your vehicle's fuse box (refer to your vehicle's owner's manual).
3. **ACC Connection (Red Wire):** Connect the red ignition cord (ACC) to a fuse that is only powered when the ignition is on. This ensures the dash cam powers on and off with your vehicle.
4. **Battery Connection (Yellow Wire):** Connect the yellow battery cord (BAT+) to a fuse that has constant power, even when the ignition is off. This is essential for 24-hour parking monitoring.
5. **Ground Connection (Black Wire):** Connect the black earth cord to a metal part of the vehicle's chassis or fuse box that serves as a ground point.
6. **Route Cables:** Carefully route the power cable along the windshield trim and under the dashboard to keep it tidy and out of the way.
7. **Reconnect Battery:** Once all connections are secure, reconnect the negative terminal of your vehicle's battery.

5. Operation

5.1 Powering On/Off

- **Power On:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on (if connected to an ACC power source).
- **Power Off:** The dash cam will automatically power off shortly after your vehicle's ignition is turned off.

5.2 Basic Recording

Once powered on, the dash cam will automatically start continuous loop recording. Video segments are typically saved in short intervals (e.g., 1, 3, or 5 minutes) to the inserted memory card.

- **Loop Recording:** When the memory card is full, the oldest unlocked video files will be overwritten by new recordings.
- **Emergency Recording:** In case of a sudden impact or collision, the built-in G-sensor will trigger an emergency recording, locking the current video file to prevent it from being overwritten.

5.3 24-Hour Parking Monitoring

With the hardwire kit properly installed, the dash cam can monitor your vehicle even when parked.

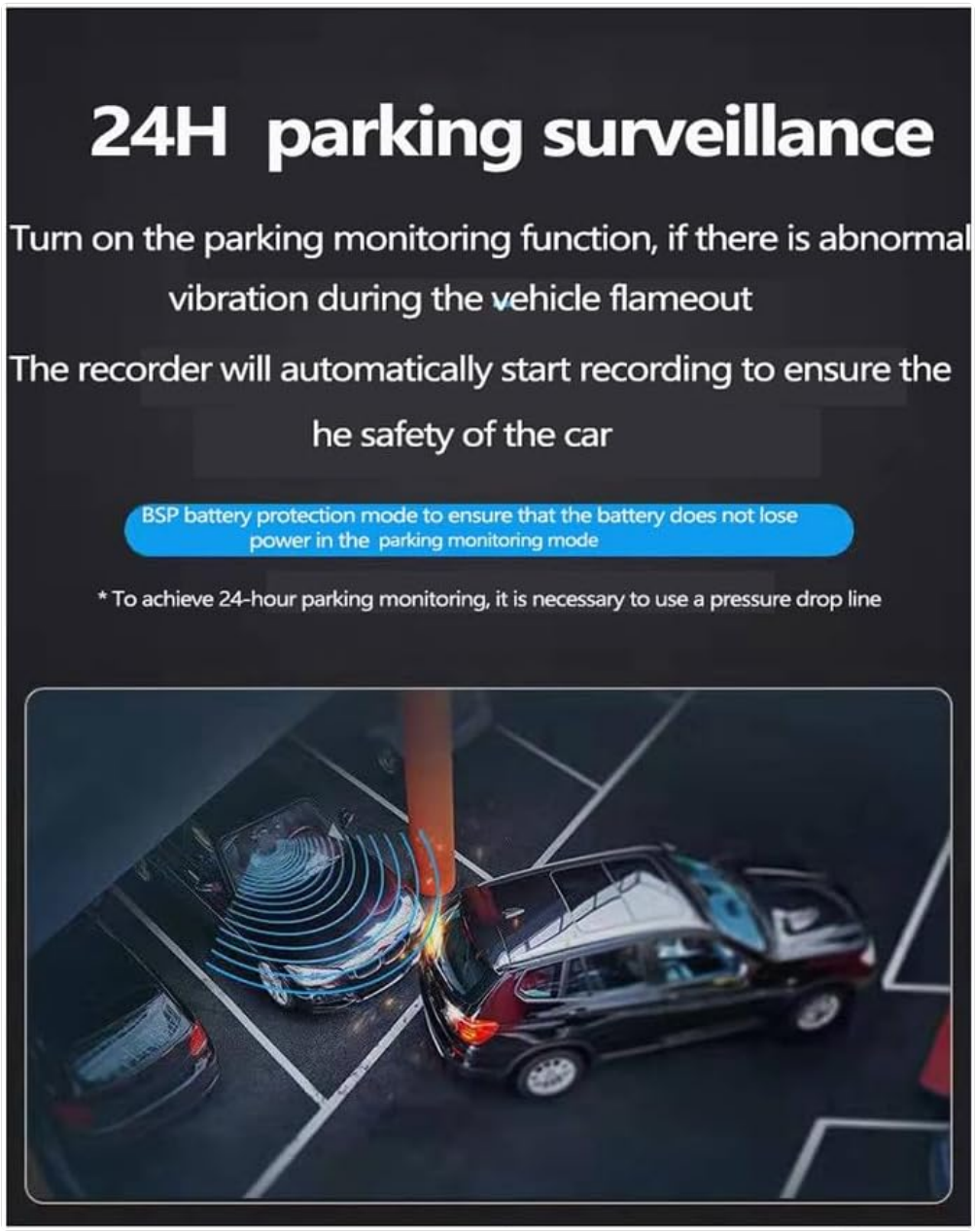


Figure 5.1: The 24-hour parking surveillance feature automatically records if abnormal vibration is detected when the vehicle is off.

- **Activation:** The parking monitoring function activates automatically when the vehicle's ignition is turned off.
- **Event Detection:** If the dash cam detects abnormal vibration or impact while parked, it will automatically start recording to capture the event.

- **Battery Protection:** The system includes a Battery Protection Mode (BSP) to prevent the dash cam from draining your car battery during parking monitoring.

5.4 WiFi Connection and App Usage

The built-in WiFi allows you to connect your smartphone to the dash cam for convenient control and access to recordings.



Figure 5.2: The mobile application allows for live preview and convenient video download via WiFi connection.

1. **Download App:** Search for the dedicated dash cam app (refer to the manual or packaging for the app name) on your smartphone's app store.
2. **Enable WiFi:** On the dash cam, enable the WiFi function (usually via the device's menu or a dedicated button).
3. **Connect to WiFi:** On your smartphone, go to WiFi settings and connect to the dash cam's WiFi network (SSID and password will be displayed on the dash cam screen or in the manual).
4. **Open App:** Launch the app. You should now be able to see a live preview, access recorded videos, and adjust settings directly from your phone.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the dash cam's lens and body. Do not use abrasive cleaners or solvents.
- **Memory Card:** Regularly format the memory card (at least once a month) to ensure optimal performance and prevent data corruption. Back up important videos before formatting.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates. Updating the firmware can improve performance and add new features.
- **Storage:** If storing the dash cam for an extended period, remove it from the vehicle and store it in a cool, dry place.

7. Troubleshooting

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection; faulty power cord.	Check power cord connection; ensure vehicle ignition is on (for ACC); test with another power source if possible.
Recording stops or freezes.	Memory card error; full memory card; incompatible memory card.	Format the memory card; replace with a high-speed (Class 10 or U3) memory card; check for firmware updates.
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.
WiFi connection issues.	Incorrect password; WiFi not enabled on dash cam; app issues.	Verify WiFi password; ensure WiFi is active on the dash cam; restart both dash cam and smartphone.
Parking monitoring not working.	Incorrect hardwire connection; parking mode not enabled.	Review wiring diagram (Figure 4.1); ensure parking mode is enabled in settings.

8. Specifications

Feature	Detail
Model	500710086
Resolution	1296P HD
Lens Angle	130°
Display	1.47 inch IPS Screen
Video Compression	H.265
Connectivity	WiFi
Parking Monitoring	24 Hours (with hardwire kit)
Power Interface	TYPE-C
Input Voltage/Current	5-12V, 1.3A
Maximum Storage	128GB (Memory card not included)
Product Material	Zinc Alloy
Product Dimensions	14 x 12 x 6 cm
Item Weight	274 g

9. Warranty and Support

The Vernijtrdy Q6 Dash Cam comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or inquiries about your product, please contact Vernijtrdy customer service through the contact information provided on the product packaging or the official website.

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