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› [PRUEEO](#) /

› [PRUEEO D90-4CH Dash Cam and Hardwire Kit User Manual](#)

PRUEEO D90-4CH

PRUEEO D90-4CH Dash Cam and Hardwire Kit User Manual

Model: D90-4CH

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your PRUEEO D90-4CH Dash Cam and ACC Hardwire Kit. This bundle is designed to provide continuous surveillance for your vehicle, especially with its 24-hour parking monitor mode.



Image 1.1: Overview of the PRUEVEO D90-4CH Dash Cam and Hardware Kit.

2. KEY FEATURES

- **24-Hour Parking Mode:** The included hardwire kit enables the dash cam's parking monitor to function continuously, even when the vehicle's engine is off. This provides uninterrupted power for extended surveillance.
- **Low Voltage Protection:** An intelligent system is integrated into the hardwire kit to prevent vehicle battery drain. It automatically cuts off power to the dash cam if the car battery voltage drops below 11.8V (for 12V systems) or 23.5V (for 24V systems), ensuring sufficient power remains to start your vehicle.
- **Wide Compatibility:** The hardwire kit supports input voltages from 12V to 30V and provides a 5V/3A output, making it compatible with various vehicles and Mini USB interface devices.

- **Quad Camera System:** The D90-4CH features multiple cameras (Front, Left, Right, Rear) for comprehensive coverage around your vehicle.
- **Super Night Vision:** Equipped with advanced night vision capabilities, including an F1.8 aperture and infrared lights for the cabin camera, ensuring clear recordings in low-light conditions.
- **Emergency Lock:** Automatically locks current video footage upon detecting a sudden impact or collision, preventing it from being overwritten.
- **Loop Recording:** Continuously records by overwriting the oldest footage when the memory card is full, ensuring uninterrupted recording.

COMPACT DESIGN SMALLER SIZE

QUAD CAMERA

FRONT + LEFT + RIGHT + REAR



Wide Angle



4 x FHD 1080P



Audio Recording



Free 128G
Micro Card



Emergency Lock



Innovative Design



Parking Monitor



Loop Recording

Image 2.1: Illustration of the D90-4CH's quad camera system and key features.

SUPER NIGHT VISION

The cabin camera has an F1.8 aperture and 4 infrared lights



Image 2.2: Demonstration of Super Night Vision capabilities in various lighting conditions.

3. WHAT'S IN THE BOX

Upon unboxing, please verify that all the following components are included:

- PRUVEEO D90-4CH Dash Cam
- Mini USB to Hardwire Kit

- Installation Crowbar
- 8 x Fuse Tap Cables (various types)
- 4 x Cable Hiding Clips
- 128GB Micro SD Card (pre-installed or included separately)

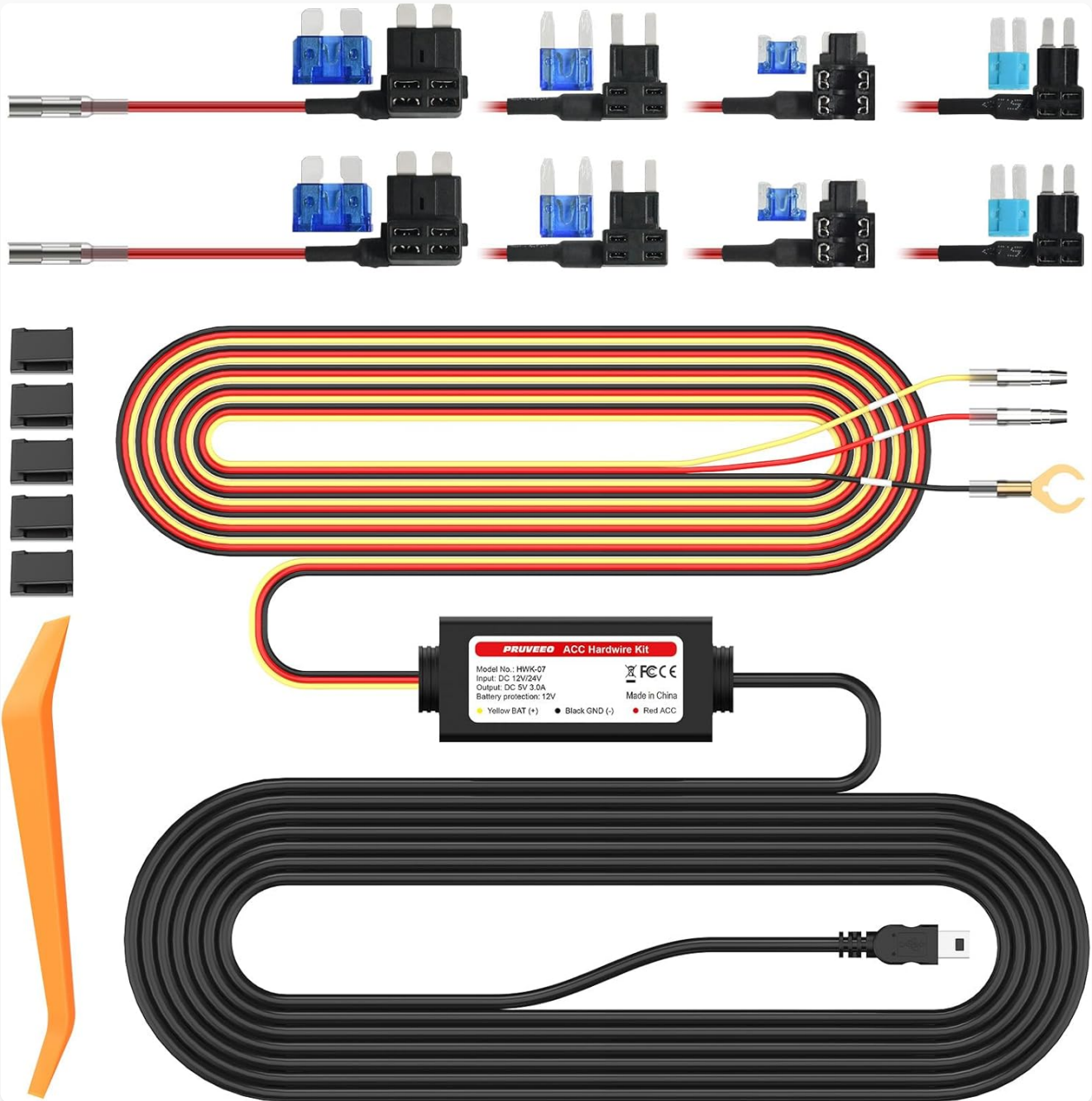


Image 3.1: Components of the ACC Hardwire Kit.

4. SETUP AND INSTALLATION

4.1 Dash Cam Mounting

Mount the D90-4CH Dash Cam securely on your vehicle's dashboard or windshield, ensuring it does not obstruct your view. Use the provided adhesive mount or suction cup mount as appropriate. Position the front camera to capture the road ahead clearly, and adjust the cabin camera for optimal interior view.

4.2 Hardwire Kit Installation for 24-Hour Parking Mode

The hardwire kit connects your dash cam directly to your vehicle's fuse box, providing continuous power for parking

mode and protecting against battery drain.

1. **Identify Fuse Box:** Locate your vehicle's fuse box. Refer to your vehicle's owner's manual for its exact location (typically under the dashboard, in the engine bay, or in the trunk).
2. **Connect Wires:** The hardwire kit has three wires:
 - **Red Wire (ACC):** Connect to a fuse that is only powered when the ignition is on (e.g., radio, cigarette lighter). Use one of the provided fuse tap cables.
 - **Yellow Wire (12V Normal Power):** Connect to a fuse that has constant power, even when the ignition is off (e.g., hazard lights, interior lights). Use a fuse tap cable.
 - **Black Wire (Ground):** Connect to a metal bolt or screw on the vehicle's chassis that provides a good ground connection.
3. **Insert Fuse Taps:** Select the appropriate fuse tap cable for your vehicle's fuse type. Insert the original fuse into the lower slot of the fuse tap, and a new fuse (of the same rating as the original) into the upper slot for the dash cam circuit.
4. **Route Cables:** Carefully route the hardwire kit cables along the vehicle's trim and headliner using the provided cable hiding clips and installation crowbar to ensure a neat and secure installation.
5. **Connect to Dash Cam:** Plug the Mini USB connector from the hardwire kit into the corresponding port on your D90-4CH Dash Cam.
6. **Test Connection:** Start your vehicle to ensure the dash cam powers on. Turn off the vehicle and remove the key to verify that the parking mode activates (the dash cam should remain powered or enter a low-power parking mode).

WIRE CONNECTION



Image 4.1: Wiring diagram for the ACC Hardwire Kit connection to the vehicle's fuse box.

LED Indicator Light Feature



LED indicator can light if it is installed correctly.

1. When ACC line connects to fuse slot of car correctly, the ACC led of hardwire will light up.
2. When Black Wire connects to fuse slot of car correctly, Black Wire will light up.

Image 4.2: The LED indicator on the hardwire kit illuminates when correctly installed (ACC and Black wires).

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

Once powered, the D90-4CH Dash Cam will automatically begin recording. The display will show the live view from the cameras. You can switch between camera views (front, cabin, rear, split-screen) using the buttons on the device.

5.2 Parking Monitor Mode

With the hardwire kit correctly installed, the dash cam will automatically switch to parking monitor mode when the vehicle's ignition is turned off. In this mode, the dash cam will detect impacts or motion (if enabled) and record short video clips to capture events while parked.

5.3 Accessing Recordings

Recordings are saved to the Micro SD card. You can view recordings directly on the dash cam's screen, or remove the SD card and insert it into a computer for playback and backup. Emergency locked videos are stored in a

separate folder to prevent overwriting.

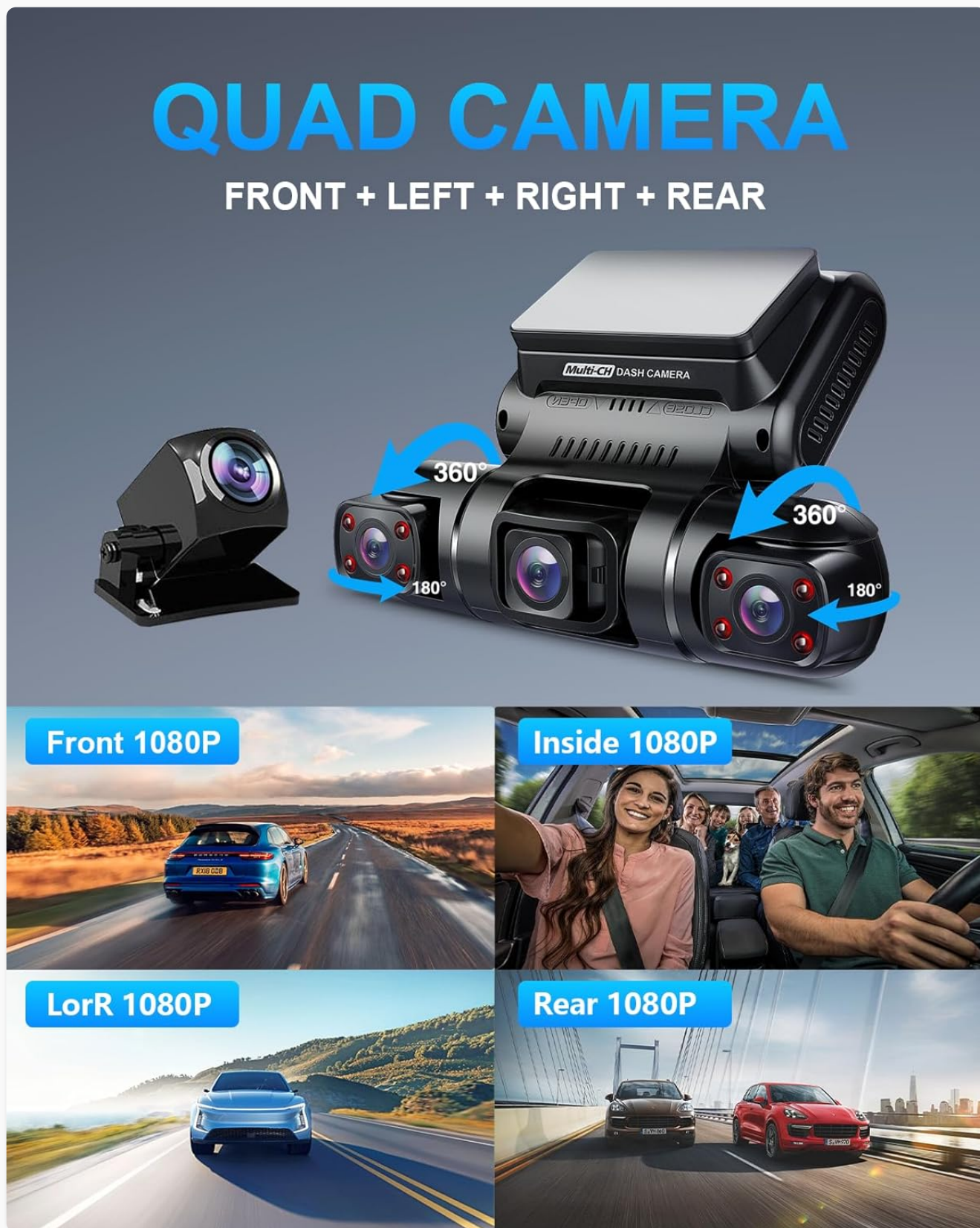


Image 5.1: Examples of video capture from the D90-4CH's multiple cameras.

6. MAINTENANCE

- **Clean Lenses:** Regularly clean the camera lenses with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials.
- **SD Card Management:** Periodically format the Micro SD card (at least once a month) to maintain optimal performance and prevent data corruption. Back up important footage before formatting.

- **Firmware Updates:** Check the PRUVEEO official website for any available firmware updates to ensure your dash cam has the latest features and bug fixes.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods.

7. TROUBLESHOOTING

- **Dash Cam Not Powering On:**
 - Check all cable connections, especially the hardwire kit connections to the fuse box and ground.
 - Verify that the vehicle's fuses are intact and not blown.
 - Ensure the vehicle battery has sufficient charge.
- **Parking Mode Not Working:**
 - Confirm the yellow wire of the hardwire kit is connected to a constant power fuse.
 - Check the low voltage protection setting; if the battery voltage is too low, the kit will cut power.
- **Poor Video Quality:**
 - Clean the camera lenses.
 - Ensure the protective film has been removed from the lenses.
 - Check dash cam settings for resolution and exposure.
- **SD Card Error/Recording Issues:**
 - Format the Micro SD card within the dash cam's settings.
 - Ensure you are using a high-speed (Class 10 or U3) Micro SD card.
 - Try a different Micro SD card to rule out card malfunction.

8. SPECIFICATIONS

Feature	Specification
Brand	PRUVEEO
Model Name	D90-4CH
Connectivity Technology	USB
Special Feature	Parking Monitor
Video Capture Resolution	1080p (for each camera)
Included Components	Hardwire Kit
Mounting Type	Dashboard Mount / Windshield Mount
Hardwire Kit Input	12V-30V
Hardwire Kit Output	5V/3A (compatible with 1A/2A)
Low Voltage Protection	11.8V (12V system) / 23.5V (24V system)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact PRUVEEO customer support directly. Refer to the product packaging or the official PRUVEEO website for the most current contact details and warranty policy.



You can also visit the official PRUVEEO Store on Amazon for more information[PRUVEEO Store](#)



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Related Documents - D90-4CH

	<p>PRUVEEO Smart Acc Hardwire Kit: Dash Cam Installation & Parking Mode Guide</p> <p>Install your PRUVEEO Smart Acc Hardwire Kit for dash cams. This quick guide covers product overview, safety, installation steps, specifications, and low voltage protection for parking mode. Visit pruveeo.us for support.</p>
	<p>PRUVEEO D90-4CH Dash Cam User Manual and Installation Guide</p> <p>Comprehensive user manual for the PRUVEEO D90-4CH Dash Cam, covering installation, setup, features, safety information, and troubleshooting. Learn how to activate your two-year warranty and get the most out of your device.</p>
	<p>PRUVEEO D90-4CH Dash Cam User Manual: Installation, Features, and Operation</p> <p>Comprehensive user manual for the PRUVEEO D90-4CH 4-channel dash cam. Learn about installation, device layout, menu operations, parking mode, Wi-Fi connectivity, and video playback.</p>
	<p>Dash Cam Mount Installation Guide: Suction Cup and 3M Adhesive</p> <p>This guide provides step-by-step instructions for installing dash cam mounts using both suction cup and 3M adhesive methods. Learn how to properly clean surfaces, apply mounts, and ensure stability for your dash camera.</p>

<div data-bbox="156 120 271 338"><p>PRUVEEO</p><p>USER MANUAL</p><p>If you have any questions, please contact us with no hesitation at support@pruveeo.com for quick solutions.</p><p>1</p><p>© 2022 PRUVEEO All Rights Reserved</p></div>	<div data-bbox="341 170 863 201">PRUVEEO D90-4CH Dash Cam User Manual</div> <div data-bbox="341 212 1458 282"><p>Comprehensive user manual for the PRUVEEO D90-4CH Dash Cam, covering safety, installation, features, operation, and troubleshooting.</p></div>
<div data-bbox="140 430 288 638"><p>PRUVEEO</p></div>	<div data-bbox="341 463 1114 495">PRUVEEO D90 Mini Dash Cam User Manual and Installation Guide</div> <div data-bbox="341 506 1473 613"><p>Comprehensive user manual and installation guide for the PRUVEEO D90 Mini dash cam, covering setup, operation, safety, and troubleshooting. Learn how to install and use your dash cam effectively.</p></div>