PRUVEEO D90-4CH

PRUVEEO D90-4CH Quad Camera Dash Cam User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

1. PRODUCT OVERVIEW

The PRUVEEO D90-4CH is an advanced quad-channel dash camera system designed to provide comprehensive vehicle surveillance. It features four 1920*1080P cameras, offering a 150° super wide-angle lens and a 3-inch large LCD screen for clear video and image capture. This system is ideal for taxis, rideshare vehicles, and general drivers seeking enhanced security and recording capabilities. Key features include built-in GPS for location and speed tracking, superior night vision with infrared lights, 24/7 all-weather monitoring, loop recording, and emergency accident locks via a G-sensor.

The unique design allows for simultaneous recording of the front and sides of the car, with two cabin cameras that can rotate to adjust recording angles, providing more evidence at critical moments. The device is designed without a battery to prevent issues from sun exposure and high temperatures, relying on direct power connection.

2. PACKAGE CONTENTS

- PRUVEEO D90-4CH Dash Cam Unit
- Suction Mount
- Power Cable
- User Manual
- Additional mounting accessories (e.g., adhesive pads, cable clips)

Figure 2.1: PRUVEEO D90-4CH Dash Cam unit with its main components and accessories.

3. Setup and Installation

3.1 Preparing the Micro SD Card

Before first use, a micro-SD card (Class 10 or higher, up to 256GB) is required and must be formatted within the dash cam. A professional-grade memory card like the SAMSUNG PRO Endurance 128GB is recommended for optimal performance and longevity, as many dash cam issues stem from incompatible or low-quality memory cards.

SUPER NIGHT VISION

The built-in camera adopts 4 high-quality infrared lights to ensure
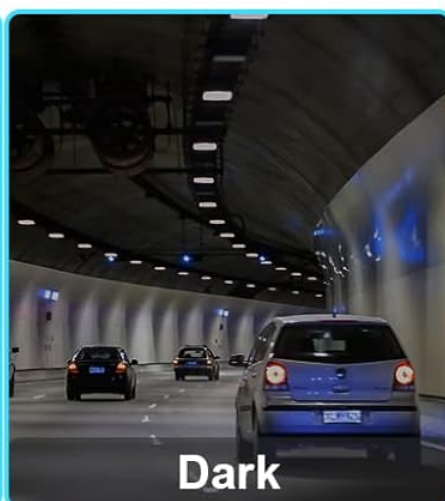The camera has true night vision | in the dark.

Figure 3.1: Proper insertion of the Micro SD card into the dash cam unit.

3.2 Mounting the Dash Cam

The D90-4CH dash cam comes with a suction mount for easy attachment to your windshield. Choose a location that does not obstruct your view of the road or interfere with airbags. Ensure the windshield surface is clean and dry before attaching the mount for secure adhesion.

1. Clean the desired area on your windshield thoroughly.
2. Attach the suction mount to the dash cam unit.
3. Press the suction cup firmly against the cleaned windshield surface and engage the locking mechanism to secure it.
4. Adjust the angle of the dash cam to ensure optimal recording coverage for all four cameras (front, left, right, and rear).

Multi-CH DASH CAMERA

360°
180°
360°
180°

THE FIRST ON THE MARKET
QUAD CAMERA
FRONT + LEFT + RIGHT + REAR

150°
Wide Angle

4 x FHD 1080P

Audio Recording

256G
Support 256G Micro Card

G-Sensor Lock

Motion Detection

Parking Monitor

Loop Recording

Figure 3.3: Illustrative diagram of the dash cam's comprehensive 360-degree recording coverage.

3.3 Power Connection

Connect the provided power cable to the dash cam and then to your vehicle's 12V power outlet (cigarette lighter socket). The

dash cam will automatically power on and begin recording when the vehicle's ignition is turned on.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

Once powered on, the D90-4CH will automatically start recording. The 3-inch LCD screen will display the live view from the cameras. You can switch between camera views or display all four simultaneously depending on the model's interface options.

Figure 4.1: Simultaneous display of all four camera views (Front, Left, Right, Rear) on the dash cam screen.

4.2 Loop Recording

The dash cam supports continuous loop recording. When the memory card reaches its maximum capacity, the oldest unlocked footage will be overwritten automatically to ensure uninterrupted recording. Recording segments can typically be set to 1, 2, or 3 minutes.

4.3 G-Sensor (Emergency Accident Locks)

The built-in G-sensor automatically detects sudden collisions or impacts. When a collision is detected, the dash cam will immediately save and lock the current recording video as proof of the incident. These locked files are protected from being overwritten by loop recording.

4.4 24/7 Parking Monitor

For continuous protection, the D90-4CH offers 24-hour parking monitoring. This feature requires a hardwire kit (sold separately) to provide constant power. When the vehicle is parked, the dash cam will detect motion or impact and automatically begin recording, providing surveillance even when you are away from your vehicle.

4.5 Superior Night Vision

The two cabin cameras utilize 4 infrared lights and an F1.8 aperture, enhancing video clarity in low-light conditions. The three cameras also feature a highly sensitive night vision image sensor to present clear images even in dark areas at night, ensuring reliable recording around the clock.

4.6 Built-in GPS Functionality

The integrated GPS module allows the dash cam to precisely pinpoint your vehicle's real-time location, speed (KMH/MPH), time, and routes on a map. This data can be reviewed using a dedicated GPS player software on a computer, providing crucial evidence for roadside assistance or insurance claims in case of an accident.

5. MAINTENANCE

- **Memory Card Care:** Regularly format your micro-SD card (at least once a month) to prevent data corruption and ensure optimal recording performance. Using a high-endurance memory card is highly recommended.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam's lens and screen. Avoid using abrasive cleaners or solvents that could damage the device.
- **Temperature:** While designed to withstand high temperatures, avoid prolonged direct exposure to extreme heat when the vehicle is parked, especially if the dash cam is not in use.
- **Firmware Updates:** Check the PRUVEEO official website periodically for any available firmware updates to ensure your dash cam operates with the latest features and bug fixes.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	Loose power connection, faulty power cable/adapter, vehicle's 12V outlet issue.	Check all power connections. Test the power cable/adapter with another device or use a different 12V outlet in your vehicle. Ensure the vehicle's ignition is on.
Recording stops or freezes.	Memory card issues (full, slow speed, corrupted), firmware glitch.	Format the micro-SD card. Replace with a high-quality, Class 10 or higher card (e.g., SAMSUNG PRO Endurance). Restart the dash cam. Check for firmware updates.
Poor night vision quality (outside).	Infrared LEDs reflecting off glass, external light conditions.	Ensure the camera lens is clean. Adjust camera angle to minimize reflections from the windshield. Note that external night vision can be limited by environmental factors.
GPS not tracking location/speed.	Poor GPS signal, GPS module malfunction.	Ensure the dash cam has a clear view of the sky. Move the dash cam to a location with better GPS reception. Restart the device.

Problem	Possible Cause	Solution
App connectivity issues (if applicable).	Wi-Fi connection problems, app version outdated.	Ensure Wi-Fi is enabled on the dash cam and your mobile device. Reconnect to the dash cam's Wi-Fi network. Update the app to the latest version.

7. SPECIFICATIONS

Feature	Detail
Brand	PRUVEEO
Model Name	D90-4CH
Video Capture Resolution	1080p (Quad 1920*1080P)
Field Of View	150 Degrees (Super Wide Angle)
Camera Configuration	4 Channel (Front, Rear, Inside Left, Inside Right)
Display	3-inch LCD Screen
Connectivity Technology	Wi-Fi
Special Features	Built-in GPS, Superior Night Vision (4 infrared lights, F1.8 aperture), Loop Recording, G-Sensor, 24/7 Parking Monitor
Storage Support	Micro-SD card up to 256GB (Class 10 or higher recommended)
Mounting Type	Suction Mount
Power Source	Vehicle 12V power outlet (no internal battery)
Dimensions	Approx. 2 x 3 x 5 inches
Item Weight	Approx. 1.5 pounds

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the product packaging or contact PRUVEEO customer service directly. If you have any questions or require assistance with your D90-4CH dash cam, you can reach out to the manufacturer via the contact information provided in the product documentation or on their official website.
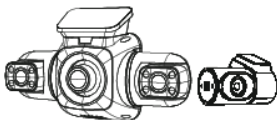
Documents - PRUVEEO – D90-4CH

PRUVEEO D90-4CH Dash Cam User Manual

Comprehensive user manual for the PRUVEEO D90-4CH dash cam, covering installation, operation, features, and troubleshooting. Learn how to set up and use your dash cam for optimal performance.

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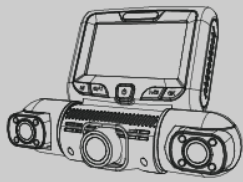lang:en score:46 filesize: 6.16 M page_count: 33 document date: 2024-09-20

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[PRUVEEO D90-4CH Dash Cam User Manual: Installation, Features, and Operation](#)
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.
lang:en score:32 filesize: 6.6 M page_count: 23 document date: 2024-10-26

[PRUVEEO D90-4CH Dash Cam User Manual](#)
Comprehensive user manual for the PRUVEEO D90-4CH Dash Cam, covering safety information, installation, features, operation, and troubleshooting.
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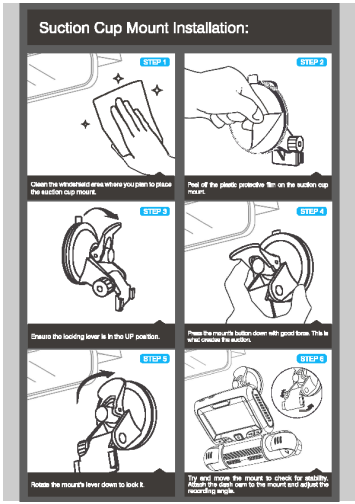

[PRUVEEO D90-4CH Dash Cam User Manual](#)
Comprehensive user manual for the PRUVEEO D90-4CH Dash Cam, covering safety, installation, features, operation, and troubleshooting.
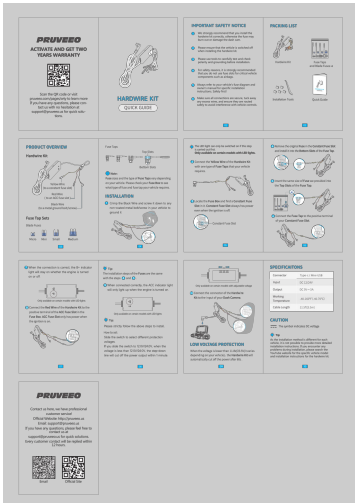lang:en score:28 filesize: 977.96 K page_count: 32 document date: 2023-02-27

Dash Cam Mount Installation Guide: Suction Cup and 3M Adhesive
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.
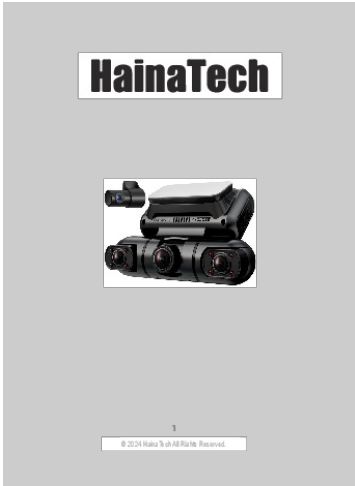lang:en score:19 filesize: 2.01 M page_count: 2 document date: 2024-05-14

PRUVEEO Smart Acc Hardwire Kit: Dash Cam Installation & Parking Mode Guide
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.
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