

Manuals.plus /

› Dnil /

› Dnil 3-Inch HD 1080P Dash Cam User Manual

Dnil Dnil

Dnil 3-Inch HD 1080P Dash Cam User Manual

Model: Dnil

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Dnil 3-Inch HD 1080P Dash Cam. Please read this manual carefully before using the device to ensure proper functionality and to maximize your driving security experience.

PRODUCT FEATURES

- **Super Night Vision:** The dash cam is equipped with an invisible far-infrared night vision fill light. This feature can be toggled on or off by a short press of the power button while in recording mode, ensuring clear footage in low-light conditions.
- **170° Ultra-wide Viewing Angle:** The wide-angle lens captures a broad field of view, easily covering three lanes of traffic. This ensures that images on both sides of your vehicle are clearly visible, providing extensive coverage.
- **Collision Emergency Lock (G-sensor):** A built-in G-sensor system automatically detects sudden vibrations or collisions. In such events, it saves and locks the current footage, preventing it from being overwritten. This preserves critical evidence from the scene.
- **High-Definition Night Vision Recording:** Featuring a six-layer glass lens, the dash cam records clear video even at night or on cloudy days. It is designed to capture license plate details and accurately recreate scenes, providing high-definition video evidence for your driving experience.
Note: The lens is protected by a film; remove it before use if scratches are observed on the film.
- **3-Inch HD Screen:** The integrated 3-inch HD screen provides a clear picture and smooth video playback directly on the device.

WHAT'S IN THE BOX

Upon unboxing, please verify that all components are present:

- Dnil 3-Inch HD 1080P Dash Cam
- Car Charger
- Dashboard Mount

Note: A Micro SDXC Memory Card is not included and must be purchased separately. For 24-hour monitoring, a dash cam hardwire kit is also required and sold separately.

SETUP INSTRUCTIONS

1. Micro SD Card Installation

The dash cam requires a Micro SDXC memory card for recording. Ensure the card is compatible with the device's specifications.

- Supported capacities: 8GB, 16GB, 32GB, 64GB.
- Cards larger than 64GB are not supported.
- Insert the Micro SD card into the designated slot on the dash cam until it clicks into place.
- It is recommended to format the SD card within the dash cam's settings before first use and periodically thereafter to ensure optimal performance.

2. Mounting the Dash Cam

The dash cam is designed for dashboard mounting. Choose a location on your windshield that does not obstruct your view of the road.

1. Clean the chosen area on your windshield thoroughly to ensure a strong suction cup adhesion.
2. Attach the dashboard mount to the dash cam.
3. Press the suction cup firmly against the cleaned windshield surface and engage the locking mechanism (if applicable) to secure it.
4. Adjust the angle of the dash cam to ensure the lens captures the desired field of view, typically centered on the road ahead.

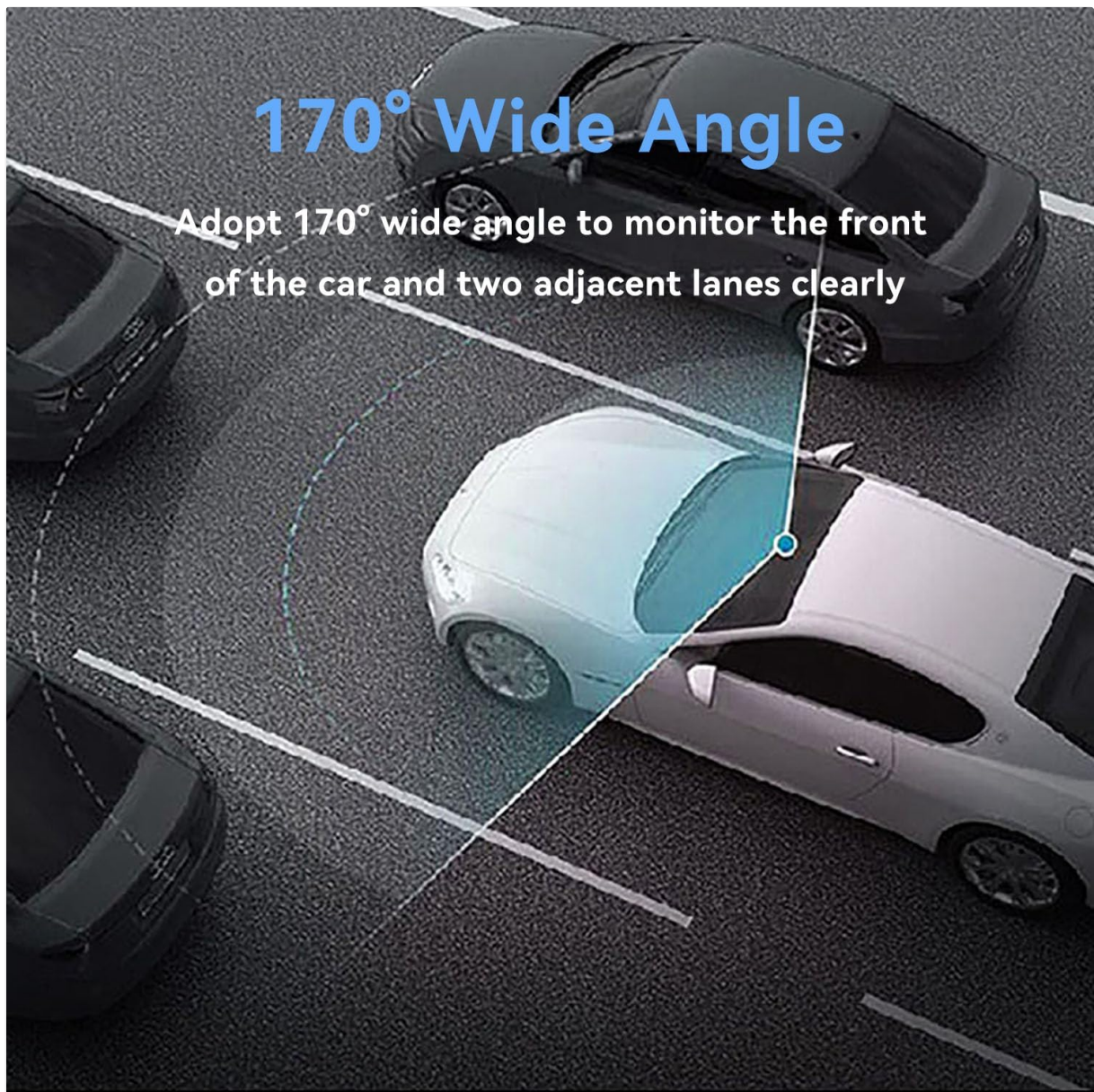


Image: The Dnil Dash Cam shown mounted on a car windshield, illustrating its compact size and placement.

3. Power Connection

Connect the dash cam to your vehicle's power supply using the provided car charger.

1. Plug one end of the car charger into the dash cam's power input port.
2. Plug the other end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. Route the power cable neatly along the edges of your dashboard and windshield to avoid obstructing your view or interfering with driving controls.

OPERATING INSTRUCTIONS

1. Power On/Off

- The dash cam typically powers on automatically when your vehicle starts and receives power.
- To manually power on/off, press and hold the power button for a few seconds.

2. Recording Modes

The dash cam supports continuous loop recording and motion detection.

- **Loop Recording:** Once powered on, the dash cam will automatically begin recording. When the

memory card is full, the oldest unlocked footage will be overwritten by new recordings.

- **Motion Detection:** This feature allows the dash cam to start recording automatically when motion is detected in front of the vehicle. This is typically used when the vehicle is parked. Refer to the dash cam's on-screen menu for activation and sensitivity settings.

3. Night Vision Activation

The dash cam features a Super Night Vision function for enhanced low-light recording.

- While the dash cam is in recording mode, a short press of the power button will toggle the invisible far-infrared night vision fill light on or off.
- Ensure this feature is active for optimal video clarity in dark environments.



Image: A dash cam screen showing clear, high-definition footage captured at night, demonstrating the night vision capability.

4. Collision Emergency Lock (G-sensor)

The built-in G-sensor protects important footage during incidents.

- In the event of a sudden impact or vibration, the G-sensor automatically triggers, saving the current video segment to a protected folder.
- This locked footage will not be overwritten by loop recording, preserving it as evidence.
- The sensitivity of the G-sensor can usually be adjusted in the dash cam's settings menu.



Image: A graphic illustrating a car collision and how the dash cam's G-sensor automatically locks the recording to prevent overwriting.

5. Wide Angle View

The 170° ultra-wide viewing angle ensures comprehensive coverage of the road.

HIGH DEFINITION NIGHT VISION

7 high-definition spherical lens modules,
F1.8 large aperture, sufficient light intake

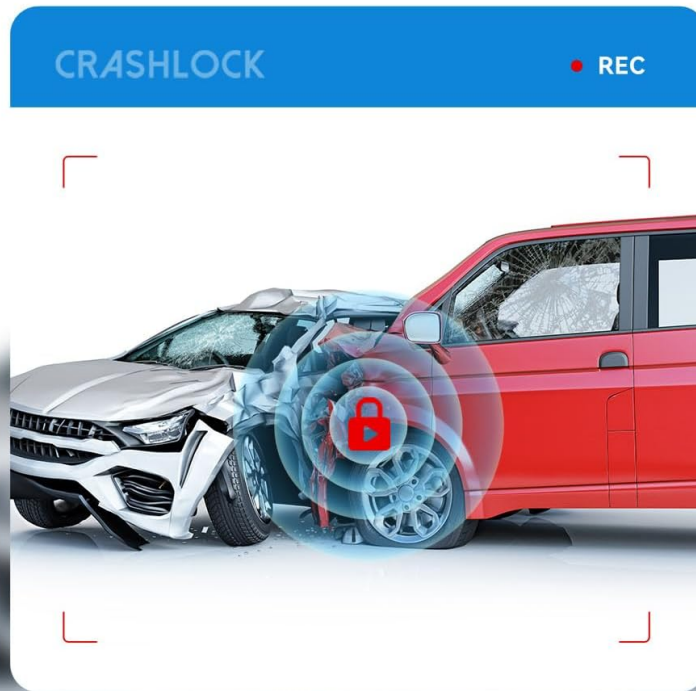


Image: A visual representation of the 170-degree wide-angle lens coverage, showing how it monitors the front of the car and two adjacent lanes clearly.

6. Display Screen

The 3-inch HD screen provides a clear interface for viewing recordings and navigating settings.

GRAVITY INDUCTION LOCKING ON-SITE



• Anti-smash



• Accident



• Anti-scratch

Image: A close-up of the Dnll dash cam's 3-inch HD screen, showing a clear picture of the road ahead.

MAINTENANCE

1. Lens Cleaning

To ensure clear video quality, regularly clean the dash cam lens.

- Use a soft, lint-free cloth, such as a microfiber cloth, to gently wipe the lens.
- Avoid using abrasive cleaners or harsh chemicals, which can damage the lens coating.
- If necessary, slightly dampen the cloth with lens cleaning solution or water.

2. Micro SD Card Management

Proper SD card maintenance is crucial for reliable recording.

- **Formatting:** Format the Micro SD card within the dash cam's settings menu at least once a month. This helps prevent data corruption and ensures smooth operation.
- **Card Replacement:** Micro SD cards have a limited lifespan due to continuous overwriting. If you experience recording errors or corrupted files, consider replacing the card.
- **Storage:** Always eject the SD card safely through the dash cam's menu before physically removing it to prevent data loss.

TROUBLESHOOTING

If you encounter issues with your Dnii Dash Cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dash cam will not power on or charge.	Faulty car charger or power cable. Loose connection. Vehicle's 12V outlet is not supplying power. Internal battery issue.	Ensure the car charger is securely plugged into both the dash cam and the vehicle's power outlet. Test the car charger with another device or try a different 12V outlet in your vehicle. If possible, try a different compatible car charger. If the issue persists, the device may require service.
Recording stops unexpectedly or files are corrupted.	Incompatible or faulty Micro SD card. SD card is full and not loop recording correctly. SD card requires formatting.	Ensure you are using a supported Micro SDXC card (8GB-64GB). Format the SD card within the dash cam's settings. Try a new, high-quality Micro SD card.
Video footage is blurry or unclear.	Protective film still on the lens. Dirty lens. Improper focus (rare for fixed-focus dash cams).	Remove any protective film from the lens. Clean the lens with a soft, lint-free cloth. Ensure the windshield area in front of the camera is clean.

SPECIFICATIONS

Feature	Detail
Brand	Dnil
Model Name	Dnil
Display Type	LCD
Screen Size	3-Inch
Video Capture Resolution	1080p
Field Of View	170 Degrees
Real Angle of View	120 Degrees
Special Feature	Night Vision, G-sensor (Collision Emergency Lock)
Connectivity Technology	USB
Mounting Type	Dashboard Mount
Included Components	Car Charger
Compatible Micro SD Card	8GB, 16GB, 32GB, 64GB (Micro SDXC)
Are Batteries Included	No
Color	Black
Item Dimensions D x W x H	0.48"D x 0.28"W x 1.04"H

WARRANTY AND SUPPORT

According to the product specifications, there is no explicit warranty description provided for this Dnil Dash Cam.

For technical support or further inquiries, please refer to the seller's contact information on the platform where the product was purchased.