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› Rhorawill D70-4CH Quad Dashcam User Manual

Rhorawill D70-4CH

Rhorawill D70-4CH Quad Dashcam User Manual

Model: D70-4CH

1. PRODUCT OVERVIEW

The Rhorawill D70-4CH is an advanced quad-lens dashcam designed to provide comprehensive vehicle surveillance. It features simultaneous 4x1080P Full HD recording from front, left, right, and rear cameras, ensuring extensive coverage. Equipped with GPS for real-time location and speed tracking, and built-in WiFi for easy access via a mobile app, this dashcam offers reliable protection and evidence collection.

Key features include superior night vision with F1.8 aperture and 4 infrared (IR) lights, Wide Dynamic Range (WDR) technology for clear video in varying light conditions, 24-hour parking monitoring (requires hardwire kit), loop recording, and an emergency lock function to secure critical footage. The device operates with a supercapacitor for enhanced durability and safety across a wide temperature range.

QUAD CAMERA

FRONT + LEFT + RIGHT + REAR



Front 1080P



Inside 1080P



LorR 1080P



Rear 1080P



Figure 1.1: Rhorawill D70-4CH Quad Dashcam with its four adjustable lenses for comprehensive coverage.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before installation, please verify that all items listed below are included in your package:

- Dashcam Unit
- Rear Camera
- Suction Cup Mount
- Adhesive Mount
- Packing Box
- User Manual
- Windshield Static Cling
- Micro SD Card (128GB included)
- Cable Hiding Clips
- Wire Trim Tool
- Power Cord (Car Charger)

What's in the Box



Suction Cup and
Adhesive Mount



Packing Box



User Manual



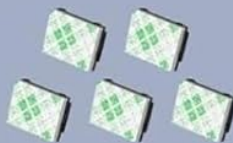
Windshield
Static Cling



Dash Cam



Rear Camera



Cable Hiding Clip



Micro SD Card



Wire Trim Tool



Power Cord

Figure 2.1: All components included in the Rhorawill D70-4CH Dashcam package.

2.2 Mounting the Dashcam

Choose between the suction cup mount or the adhesive mount for installation on your windshield. Ensure the mounting location provides a clear view of the road and does not obstruct the driver's vision.

1. Clean the windshield surface thoroughly where the dashcam will be mounted.
2. Apply the static cling film to the chosen area on the windshield.
3. **For Suction Cup Mount:** Attach the suction cup to the static cling, ensuring a firm seal. Secure the dashcam to the mount.
4. **For Adhesive Mount:** Peel off the protective film from the 3M adhesive pad and firmly press the mount onto the static cling for at least 30 seconds. Attach the dashcam to the mount.
5. Adjust the angle of the dashcam and its lenses to cover the desired recording areas (front, left, right, and interior).
6. Install the rear camera, typically on the rear windshield, and connect its cable to the main dashcam unit.



Figure 2.2: Step-by-step guide for installing the dashcam using either suction cup or adhesive mounts.

2.3 Initial Setup

1. **Insert Micro SD Card:** Insert the provided 128GB Micro SD card into the designated slot on the dashcam. The device supports up to 256GB Micro SD cards.
2. **Format SD Card:** If using a new Micro SD card, or if you encounter recording issues, always format the card using the dashcam's menu settings before first use. This ensures compatibility and optimal performance.
3. **Connect Power:** Plug the power cord into your vehicle's cigarette lighter socket and connect the other end to the dashcam. Route the cable neatly using the provided cable hiding clips and wire trim tool.
4. **Power On:** Start your vehicle. The dashcam will automatically power on and begin recording.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

Once powered on, the Rhorawill D70-4CH dashcam automatically begins recording. The 3.0-inch TFT display provides a live view from the cameras. You can navigate the menu and control functions using the buttons on the device.

Starten Sie nach der Installation das Fahrzeug, um das Video automatisch einzuschalten.

Ein- und Ausschalten
des Bildschirms

Wenn Sie eine neue
TF-Karte verwenden,
formatieren Sie sie
immer zuerst mit
diesem Gerät

Einrichtung/
Wiedergabe
von Videos

Das aktuelle
Video sperren

Start/Pause der
Aufnahme oder
des Capturings

Ausschalten/Einschalten
der Aufnahmefunktion



Nach der Installation unter Verwendung des speziellen Abwärtskabels mit ACC (separat erhältlich) wird die Parküberwachungsfunktion beim Einparken automatisch aktiviert



Figure 3.1: Overview of the dashcam's display and control buttons.

- **Automatic Recording:** The dashcam starts recording automatically when the vehicle is started.
- **Screen On/Off:** Use the designated button to turn the display screen on or off without stopping recording.
- **Video Setup/Playback:** Access the menu to adjust settings or review recorded videos.
- **Lock Current Video:** Press the lock button to protect the currently recording video from being overwritten.
- **Recording Function On/Off:** Manually start or stop recording if needed.

3.2 Recording Features

- **Loop Recording:** The dashcam continuously records, automatically overwriting the oldest unlocked files when the Micro SD card reaches its maximum storage capacity. Locked videos are protected from being overwritten.
- **Emergency Lock (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor automatically detects the event and locks the current video segment, saving it to a separate 'events' folder to prevent it from being overwritten.

Loop Recording

The oldest unlocked footage will be automatically erased when the memory card reaches its maximum storage capacity.



Emergency Lock

Once the Emergency Lock senses a collision, the dash cam will automatically lock the current video as evidence of an event.



24h Parking Monitor

If you want to use the parking monitoring feature, please purchase the BOCBKTP2NX hardwire kit with a low-voltage protection feature.



Figure 3.2: Visual representation of Loop Recording, Emergency Lock, and 24h Parking Monitor functions.

3.3 Parking Monitoring

For continuous surveillance when your vehicle is parked, the D70-4CH offers a 24-hour parking monitoring mode. This feature requires a dedicated ACC hardwire kit (sold separately) to ensure constant power without draining your car's battery.

- **24H Parking Mode:** When a collision is detected while parked, all four cameras will automatically activate and record the event.

- **Time-Lapse Recording:** In parking mode, the dashcam can record video at 1 frame per second, compressing long periods into short, reviewable clips. This saves memory card space and allows for faster playback of parking events.

24H PARKING MODE & 360° VIEW

TIME-LAPSE

DOES NOT DRAIN THE CAR BATTERY



*** ACC HARDWIRE KIT IS REQUIRED**

The dash cam's time-lapse feature records video at one frame per second and compresses 60-minute video intervals to 1 minute in parking mode to save memory card space and allow for faster playback.

Figure 3.3: Details on 24-hour parking mode and time-lapse recording, emphasizing the ACC hardwire kit requirement.



Figure 3.4: The 24-hour parking monitoring feature provides continuous surveillance.

3.4 Advanced Features

- **Superior Night Vision & WDR:** The dashcam's F1.8 aperture lenses and 4 IR lights, combined with WDR technology, automatically adjust to light conditions, providing clear video even in low-light or unlit environments.

SUPER NIGHT VISION

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

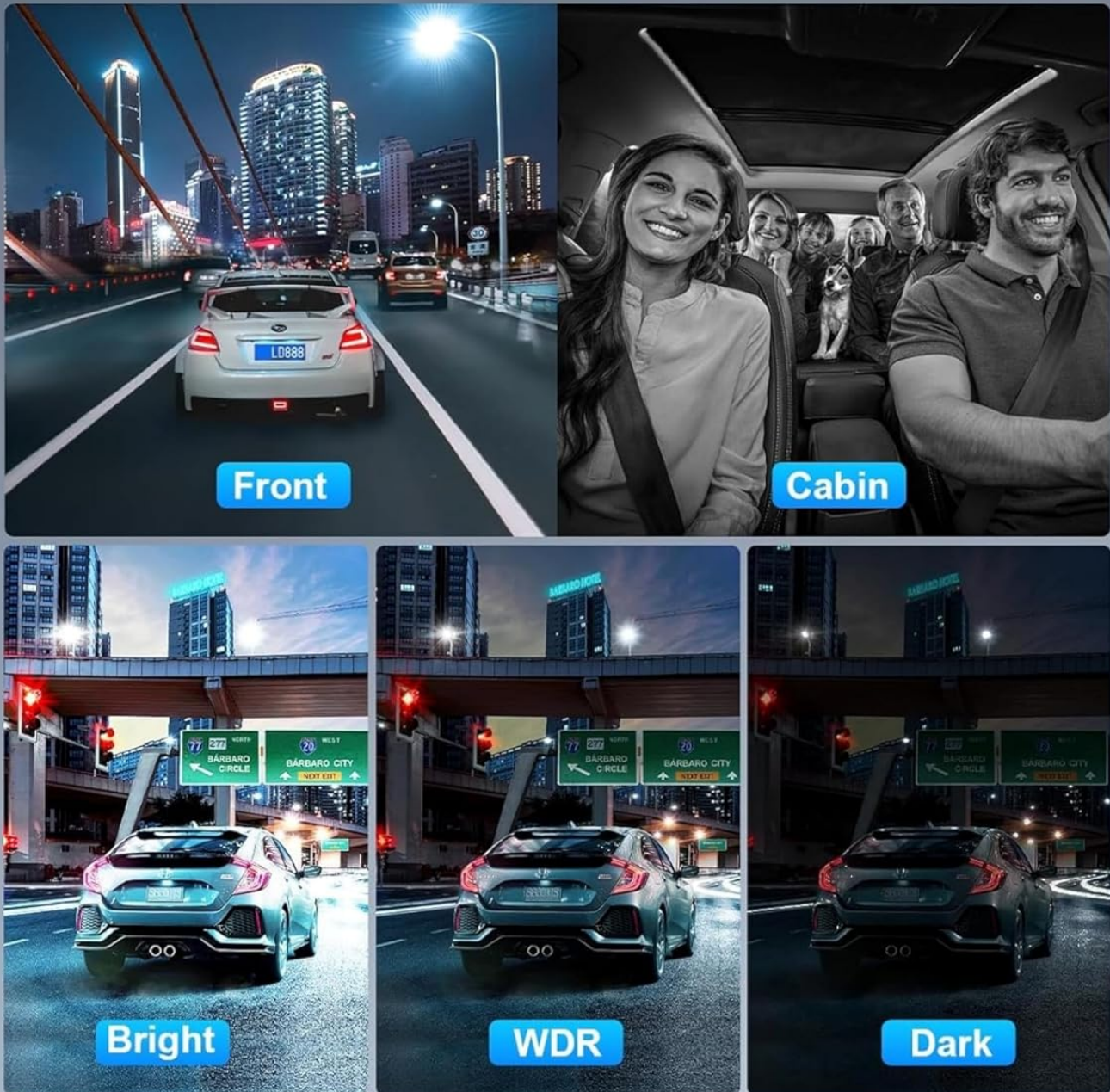


Figure 3.5: Enhanced night vision and WDR technology for optimal video clarity in various lighting.

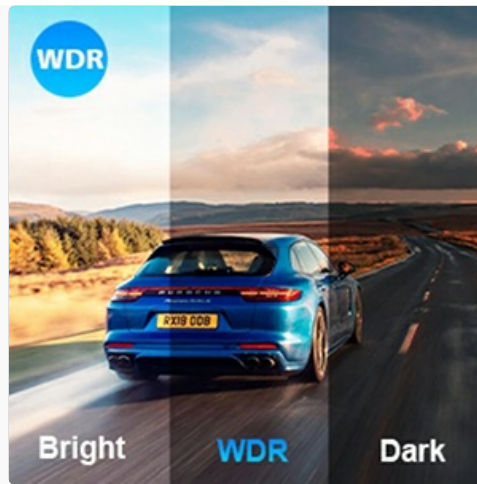


Figure 3.6: WDR (Wide Dynamic Range) ensures balanced exposure in challenging light conditions.

- **Built-in GPS:** The integrated GPS module records your vehicle's speed (KMH/MPH), time, and route in real-time. This data can be viewed on a map using a compatible GPS player on your computer or mobile device.

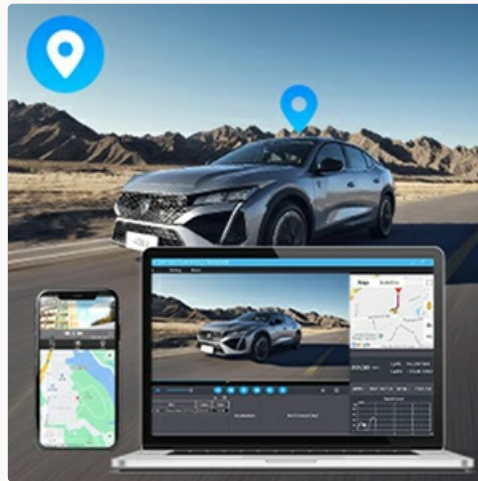


Figure 3.7: GPS functionality for tracking vehicle location and speed.

- **Built-in WiFi & App:** Connect your dashcam to your smartphone via WiFi using the free companion app (GFGCAM). This allows you to view, save, and share videos directly from your mobile device.

BUILT-IN WIFI

View save and share videos on your mobile device with our free APP



BUILT-IN GPS

Record the location and speed.
View your driving route and tracker on
Google Maps



Figure 3.8: Built-in WiFi allows seamless connection to your mobile device via the GFGCAM app.

4. MAINTENANCE

4.1 Micro SD Card Management

To ensure optimal performance and prevent recording errors, regular maintenance of your Micro SD card is crucial.

- **Regular Formatting:** It is recommended to format the Micro SD card every 2-4 weeks, especially if you frequently use the parking monitoring feature or have many locked files. This helps maintain card health and prevents data corruption.
- **Card Capacity:** The dashcam supports Micro SD cards up to 256GB. Ensure you use a high-quality, high-speed (Class 10 or U3 recommended) Micro SD card for reliable recording.
- **Replacement:** Micro SD cards have a limited lifespan due to continuous overwriting. If you experience frequent recording errors or file corruption, consider replacing the Micro SD card.

4.2 Cleaning

- **Lenses:** Gently wipe the camera lenses with a soft, lint-free cloth to remove dust or smudges that could affect video quality.
- **Device Body:** Use a dry or slightly damp cloth to clean the exterior of the dashcam. Avoid using harsh chemicals or abrasive materials.

5. TROUBLESHOOTING

If you encounter any issues with your Rhorawill D70-4CH dashcam, please refer to the following common troubleshooting steps:

- **Dashcam not powering on:**
 - Ensure the power cable is securely connected to both the dashcam and the vehicle's power outlet.
 - Check if the vehicle's power outlet (cigarette lighter) is functioning correctly.
- **Recording errors or corrupted files:**
 - Format the Micro SD card through the dashcam's menu settings.
 - Ensure the Micro SD card is a high-speed (Class 10 or U3) card and not faulty. Try a different Micro SD card.
- **Parking monitoring not working:**
 - Verify that the ACC hardwire kit is correctly installed and connected.
 - Check the parking mode settings in the dashcam menu.
- **Poor video quality (blurry, dark):**
 - Clean the camera lenses with a soft cloth.
 - Ensure the protective film has been removed from the lenses.
 - Check if WDR is enabled in the settings for challenging light conditions.
- **GPS not tracking location/speed:**
 - Ensure the dashcam has a clear view of the sky for GPS signal reception.
 - Check GPS settings in the dashcam menu.
- **WiFi connection issues:**
 - Ensure the GFGCAM app is installed and updated on your smartphone.
 - Restart both the dashcam and your smartphone, then try connecting again.

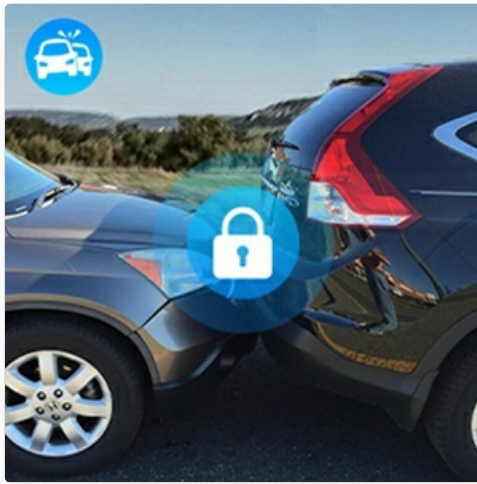


Figure 5.1: The Emergency Lock feature automatically secures video evidence during incidents.

6. PRODUCT SPECIFICATIONS

Feature	Specification
Model Name	D70-4CH
Video Recording Resolution	4x 1080p FHD
Field of View	150 Degrees (Actual), 105.5 Degrees
Display Size	3 Inch TFT LCD
Connectivity Technology	Wi-Fi
Special Features	360 Degree Rotatable Lenses, Parking Monitor, Compact Design, Built-In Supercapacitor, Built-In GPS, WDR, Night Vision, Loop Recording, Emergency Lock
Max. Aperture	F1.8
Optical Sensor Technology	CMOS
Flash Memory Type	Micro SD
Max. Supported Flash Memory Size	256 GB
Included Memory Card Size	128 GB
Frame Rate	30 FPS or 60 FPS
Operating Temperature Range	-20°C to 65°C
Power Source	Supercapacitor (no internal battery)

Feature	Specification
Mounting Type	Windshield Mount (Suction Cup/Adhesive)
Product Dimensions	11.5 x 16.5 x 4.5 cm
Weight	453 g
UPC	724164943590
ASIN	B0C5Y325PJ

7. WARRANTY AND SUPPORT

The Rhorawill D70-4CH Dashcam comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.

For technical support, warranty claims, or any questions regarding your dashcam, please contact Rhorawill customer service through the retailer where you purchased the product or refer to the contact information provided in the packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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