

GKU D900

GKU D900 Dash Cam Instruction Manual

Model: D900

Brand: GKU

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your GKU D900 Dash Cam. Designed for optimal road safety, the D900 offers high-resolution front and rear recording, advanced sensor technology for superior night vision, and smart features like built-in GPS and 5GHz WiFi for seamless connectivity. Please read this manual thoroughly before using your device to ensure proper function and longevity.

WHAT'S IN THE BOX

Your GKU D900 Dash Cam package includes the following components:

- 1x D900 Dashcam
- 1x 2.5K Rear Camera
- 1x 64GB SD Card (pre-inserted)
- 1x Use Manual
- 1x 11.5ft Power Supply Cable with Car Charger
- 1x 18ft Rear Camera Cable
- 2x 3M Adhesive Mounts
- 2x Electrostatic Films

What's in the box:

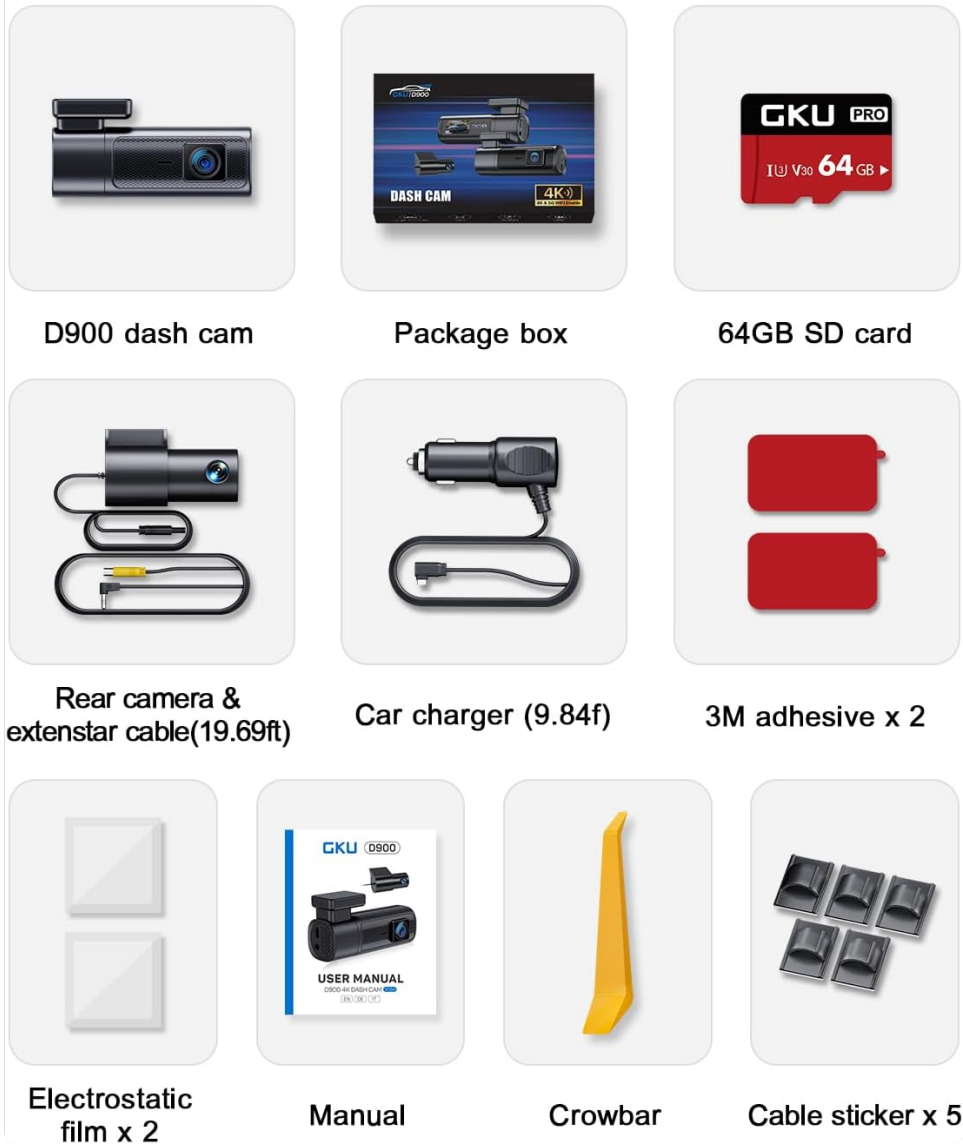


Figure 1: GKU D900 Dash Cam Package Contents

SETUP

1. SD Card Preparation

The 64GB micro SD card is pre-inserted into the side slot of the main dash cam unit. Before first use, it is crucial to format the SD card using the GKU GO app to ensure proper functionality and prevent recording issues. The dash cam supports up to 512GB micro SD cards.

2. Dash Cam Installation

Mount the main D900 dash cam unit on your front windshield, ideally behind the rearview mirror, using the provided 3M adhesive mount and electrostatic film. Ensure the lens has a clear view of the road. The front camera can rotate 340° for optimal angle adjustment. Route the power supply cable from the dash cam to your car's cigarette lighter port, tucking the cable neatly along the windshield trim using the provided pry tool.



Figure 2: GKU D900 Dash Cam Main Unit

3. Rear Camera Installation

Mount the 2.5K rear camera on your rear windshield using the provided 3M adhesive mount. The rear camera features 360° rotation, allowing you to capture the desired angle. Connect the rear camera to the main dash cam unit using the 18ft rear camera cable, routing it along the vehicle's interior trim for a clean installation.

4. App Connection (GKU GO)

To connect your dash cam to your smartphone and access its full features, follow these steps:

1. Scan the QR code provided in the instruction manual (P9) or search for "GKU GO" in your app store (available on iOS and Android).
2. Download and install the "GKU GO" app.
3. Open the app and click "Add Camera".
4. Go to your phone's Wi-Fi settings and connect to the dash cam's Wi-Fi network (usually named "GKU-D900_XXXX"). The default password is 12345678.
5. Return to the GKU GO app. The app will connect to the dash cam, allowing you to view live footage, adjust settings, and download videos.

Video 1: D900 Dash Cam WiFi and App Connection. This video demonstrates how to connect the dash cam to the GKU GO app on your smartphone, including steps for Wi-Fi connection and app navigation.

OPERATING

1. Video Recording

The D900 Dash Cam offers versatile recording options:

- **Single Front Camera:** Records in stunning 4K resolution at 60 frames per second (fps), ideal for capturing fast-moving objects and clear details like license plates.
- **Dual Camera (Front & Rear):** Records in 4K 30fps for the front camera and 2.5K for the rear camera, providing superior clarity compared to standard 1080p rear cameras.

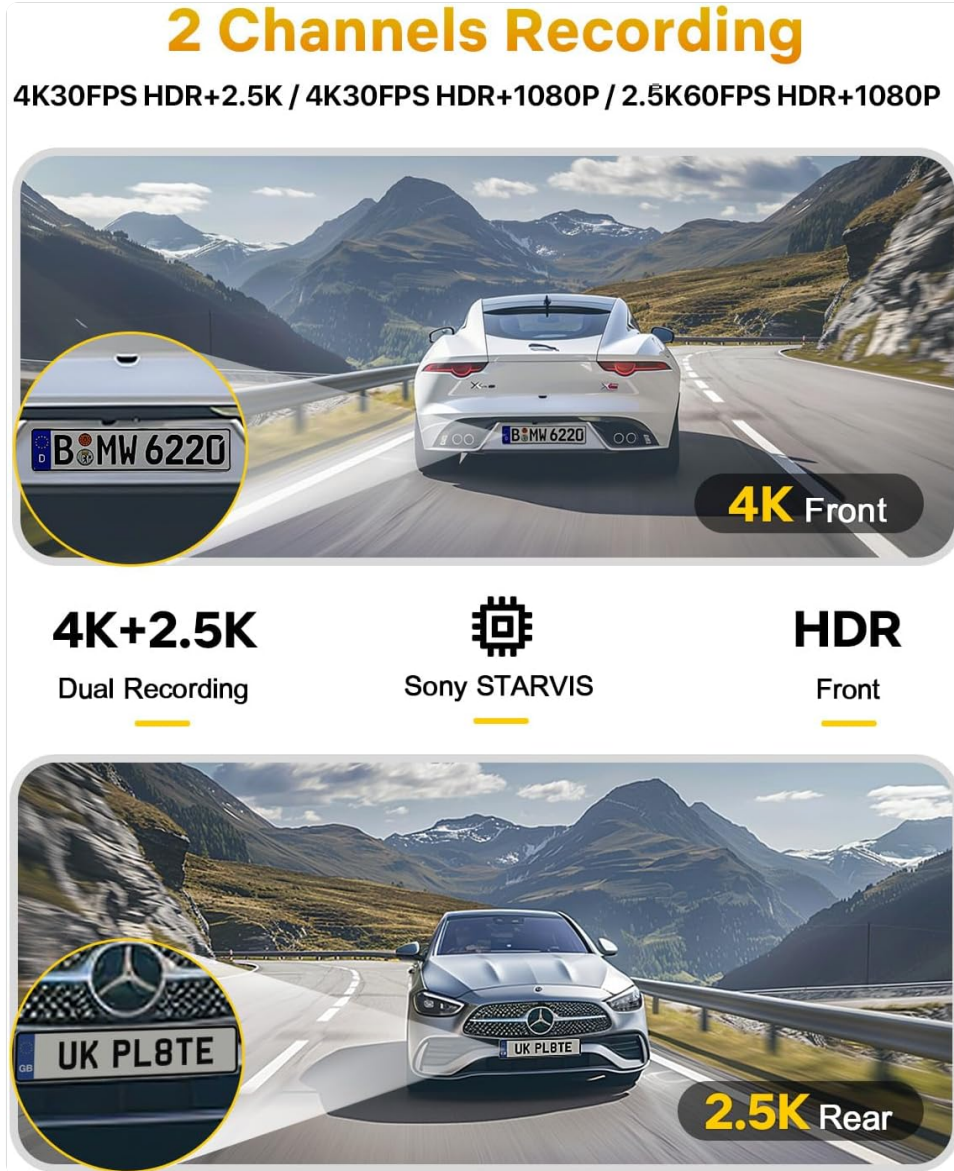


Figure 3: Dual Channel Recording Capabilities

2. STARVIS Sensor & HDR Night Vision

Equipped with a Sony STARVIS sensor, the dash cam utilizes Multi-frame Synthesis Technology and Noise Reduction Technology to capture clear, vivid images even in low-light conditions. Built-in HDR (High Dynamic Range) technology further enhances nighttime clarity by balancing exposure and reducing glare from headlights, ensuring optimal performance day and night.

HDR Sharpens Night Vision ↗



Figure 4: HDR Enhances Night Vision

3. 24-Hour Parking Monitor

The dash cam offers two modes for 24-hour parking surveillance:

- **G-Sensor Parking Mode:** Activates recording upon detecting any impact while parked, instantly locking and saving the footage.
- **Time Lapse Parking Mode:** Provides continuous surveillance by recording a condensed overview of events during extended parking periods.

Note: Parking monitoring requires a separate hardwire kit, which can be requested from GKU customer service.

24H Parking Monitor



Need to connect the hardwire kit
(Asin: B0DDCP9NWM)



Collision Detection

Time-lapse mode

Figure 5: 24-Hour Parking Monitor

4. Built-in GPS

The D900 dash cam features built-in GPS, providing accurate tracking of your driving routes, real-time speed, and location data. This feature is invaluable for reviewing your travel history or providing evidence in case of an accident.



Figure 6: Built-in GPS for Precise Tracking

5. 5GHz WiFi & App Control

Compared to standard 2.4GHz WiFi, the 5GHz WiFi offers significantly faster data transfer speeds, allowing for smooth video previews, quick downloads, and easy sharing of footage directly from your dash cam to your smartphone. The intuitive GKU GO app gives you full control of your dash camera, enabling you to access real-time footage, take photos, and adjust various settings.



Figure 7: Ultra Faster 5GHz Wi-Fi and App Control

Video 2: GKU D900 4K+2.5K HDR Dash Cam. This video provides a general overview of the dash cam's features and capabilities, including its high-resolution recording and dual-camera setup.

6. G-Sensor & Loop Recording

The G-Sensor in the dash cam detects sudden impacts or collisions, instantly locking and saving important footage to prevent it from being overwritten. Meanwhile, the Loop Recording feature ensures continuous recording by automatically overwriting the oldest footage when the memory card is full, providing seamless surveillance.



G-sensor

Automatically detects collisions and securely locks the recorded video to prevent accidental deletion.



Loop Recording

Auto overwrite the oldest videos with the newest.
***64G card included in the box, support up to 512GB max.**

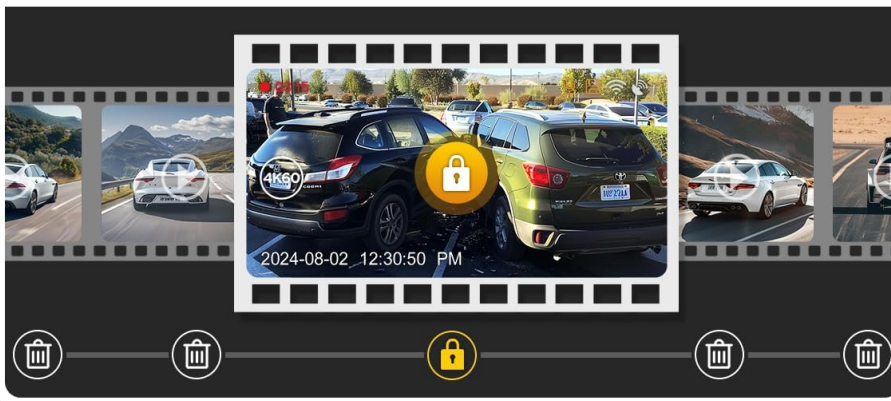


Figure 8: G-Sensor and Loop Recording

MAINTENANCE

1. SD Card Maintenance

Regularly format your micro SD card (at least once a month) using the GKU GO app to maintain optimal performance and prevent data corruption. This helps ensure smooth recording and extends the lifespan of the card.

2. Temperature Considerations

The GKU D900 Dash Cam is designed for extreme durability and reliable performance in various temperatures, operating from -4°F to 158°F (-20°C to 70°C). Avoid exposing the device to temperatures outside this range for prolonged periods to prevent damage.

3. Cleaning

To clean the dash cam lenses and display, use a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with a mild, non-abrasive cleaner. Avoid using harsh chemicals or abrasive materials that could scratch the lenses or damage the device.

TROUBLESHOOTING

If you encounter any issues with your GKU D900 Dash Cam, please refer to the following common problems and solutions. For further assistance, do not hesitate to contact our customer service.

- **Wi-Fi & App Connection Issues:** Ensure your phone's Wi-Fi is enabled and connected to the dash cam's network. Verify the password (default: 12345678). A separate firmware update may be available for app-related issues; contact support for details.
- **GPS Signal Problems:** Ensure the dash cam has a clear view of the sky. If GPS data is inaccurate or missing, verify the GPS settings in the GKU GO app.
- **Accessory Issues (SD card, mount, static sticker):** If you experience problems with any accessories, such as the included 64GB SD card, mounting hardware, or static stickers, please reach out to customer service for replacements or guidance.
- **Power Supply Issues:** If the dash cam is not powering on or maintaining power, check the connection to the car charger and the car's cigarette lighter. If the car's cigarette lighter is not working, a C-to-C cable can be provided upon request to explore alternative power sources.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.54 x 4.17 x 2.2 inches
Item Weight	1.33 pounds
Video Capture Resolution	4K (Front only), 4K + 2.5K (Dual)
Sensor	STARVIS Sensor
Connectivity Technology	5GHz Wi-Fi
Display	1.47" Display
Special Features	HDR, Built-In GPS, App Control, Automatic Incident Detection, Night Vision, Loop Recording, G-sensor, Parking Monitor, Compact Design
Max SD Card Support	512GB (64GB SD Card INCLUDED)
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Mounting Type	Windshield Mount

WARRANTY & SUPPORT

The GKU D900 Dash Cam includes a 12-month warranty, which extends to 24 months when registered within 7 days of purchase. We also provide lifetime technical support to ensure your complete satisfaction.

For any inquiries, technical assistance, or warranty claims, please do not hesitate to contact our customer service team. We are committed to resolving any issues you encounter within 24 hours.

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