GKU D900

GKU D900JP Dual Dash Cam User Manual

Model: D900

1. INTRODUCTION

This user manual provides detailed instructions for the GKU D900JP Dual Dash Cam. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its features. Keep this manual for future reference.

The GKU D900JP is designed to record driving footage in high definition, offering both front and rear camera views. It incorporates advanced features such as a Sony IMX335 STARVIS sensor, 5GHz WiFi connectivity, integrated GPS, High Dynamic Range (HDR) for improved image clarity, 24-hour parking monitoring, G-sensor emergency recording, and continuous loop recording.

2. PRODUCT OVERVIEW

2.1. Package Contents

Verify that all items listed below are included in your package:

- GKU D900JP Main Unit
- Rear Camera
- User Manual
- Warranty Card

- Charging Cable (Cigarette Lighter Power Cable)
- 64GB SD Card
- 3M Double-Sided Tape
- Electrostatic Protection Film
- Wiring Removal Tool
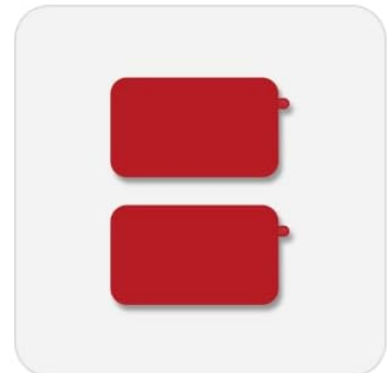- Wiring Clips

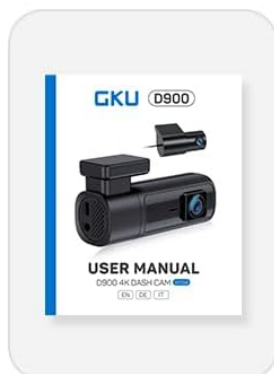| D900 ドラレコ本体	梱包箱	64GB SDカード
リアカメラ	シガー電源ライン	３M両面デープ

静電気保護シール　日本語取扱説明書　内張りはがし具　配線固定用

Image: GKU D900JP Dash Cam and its included accessories, such as the main unit, rear camera, power cable, SD card, and mounting tools.

2.2. Product Features

- **High-Resolution Recording:** Front 4K (800W pixels) and Rear 2.5K Full HD simultaneous recording.
- **Sony IMX335 Sensor & STARVIS Technology:** Ensures clear and vivid images day and night, suppressing noise in low-light conditions.

- **Integrated GPS:** Accurately records driving route, location, and speed data.
- **1.47-inch LCD Screen:** Allows real-time viewing of recorded footage.
- **5GHz Wi-Fi & App Control:** High-speed data transfer to smartphones for viewing, downloading, and sharing videos via the GKU GO app.
- **HDR Function:** Optimizes images in strong backlight or high contrast scenes, preventing overexposure and underexposure.
- **Rotatable Cameras:** Front camera rotates 340°, rear camera rotates 360° for flexible angle adjustment.
- **Super Capacitor:** Provides stable power supply and enhanced durability in extreme temperatures (-20°C to 70°C).
- **Loop Recording:** Automatically overwrites older files when the SD card is full.
- **G-Sensor Emergency Recording:** Automatically locks footage upon detecting impacts or sudden braking to prevent overwriting.
- **24-Hour Parking Monitoring:** Utilizes G-sensor and time-lapse recording (requires dedicated ACC step-down cable, sold separately).

3. SETUP

3.1. Inserting the SD Card

1. Ensure the dash cam is powered off.
2. Locate the SD card slot on the main unit.
3. Insert the provided 64GB SD card (or a compatible U3 standard SD card up to 512GB) into the slot until it clicks into place.
4. Upon first use, it is recommended to format the SD card through the dash cam's settings menu to ensure optimal performance.

Image: Illustration showing the insertion of the SD card into the GKU D900JP dash cam, along with the electrostatic film and mounting bracket.

4. INSTALLATION

4.1. Mounting the Front Camera

1. Clean the windshield area where the dash cam will be mounted.
2. Apply the electrostatic protection film to the chosen area on the windshield. This allows for easier removal later.

3. Attach the 3M double-sided tape to the dash cam's mounting bracket.

4. Press the bracket firmly onto the electrostatic film on the windshield.

5. Attach the main unit to the bracket. The front camera can be rotated 340° to adjust the viewing angle.

4.2. Mounting the Rear Camera

1. Clean the rear windshield area.

2. Attach the rear camera using the provided 3M double-sided tape.

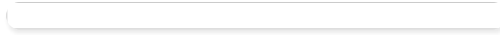3. Connect the rear camera cable to the main unit. The rear camera can be rotated 360° for optimal positioning.

Image: Demonstrates the 340-degree rotation capability of the front camera and the 360-degree rotation of the rear camera for flexible positioning.

4.3. Power Connection and Cable Management

1. Connect the charging cable to the main unit and plug the other end into your car's cigarette lighter socket.

2. Route the power cable and rear camera cable neatly along the edges of the windshield and interior trim using the provided wiring removal tool and clips.

3. For 24-hour parking monitoring, a dedicated ACC step-down cable (sold separately) is required for direct wiring to the car's fuse box.
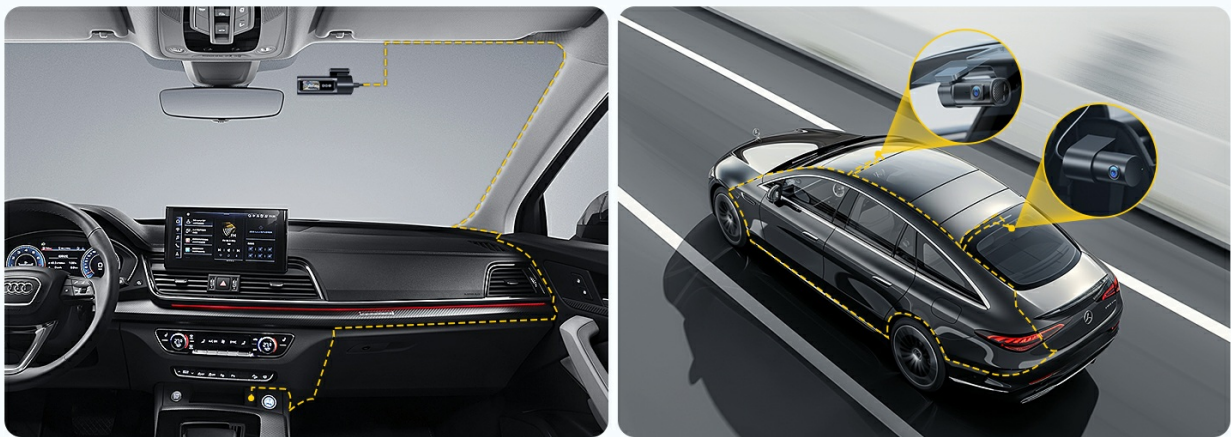
Image: A diagram illustrating the recommended wiring path for the GKU D900JP dash cam, showing connections for the front camera, rear camera, and power supply.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

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

-   It will automatically power off when the ignition is turned off.

5.2. Basic Recording

Once powered on, the dash cam will automatically start recording. The 1.47-inch LCD screen will display the live view from the cameras.

Image: The 1.47-inch LCD screen of the GKU D900JP dash cam displaying live recording footage, indicating active video capture.

5.3. Menu Navigation

Use the physical buttons on the dash cam to navigate through the menu options. Refer to the on-screen prompts for specific functions like formatting the SD card, adjusting recording settings, or changing display modes.

6. APP AND CONNECTIVITY

6.1. Connecting to the GKU GO App

1. Download the "GKU GO" app from the Apple App Store or Google Play Store.
2. Turn on the dash cam's Wi-Fi function (refer to the dash cam's menu).
3. On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network (SSID and password can be found on the dash cam screen or in the manual).
4. Open the GKU GO app. You can now view live footage, browse recorded videos, download files, and adjust settings directly from your phone.

Note: For optimal connection, temporarily disable your phone's cellular data and Bluetooth when connecting to the dash cam's Wi-Fi.

Image: A smartphone displaying the GKU GO app interface, connected to the GKU D900JP dash cam via 5GHz WiFi, allowing real-time viewing, sharing, and downloading of footage.

6.2. High-Speed 5GHz Wi-Fi

The GKU D900JP supports 5GHz Wi-Fi, enabling faster data transfer speeds compared to standard 2.4GHz connections. This facilitates quick viewing and downloading of high-resolution video files to your smartphone.

7. ADVANCED FEATURES

7.1. GPS Tracking

The integrated GPS module accurately records your vehicle's driving route, location, and speed. This data can be viewed alongside your video footage using the dedicated GKU GO app or PC player, providing crucial evidence in case of an incident and enhancing your travel records.

7.2. HDR Night Vision

The High Dynamic Range (HDR) function optimizes video quality in challenging lighting conditions, such as strong backlight or low light. It captures details in both bright and dark areas simultaneously, reducing overexposure and underexposure to produce clear and balanced footage, especially during night driving.

Image: A comparison demonstrating the effectiveness of HDR night vision, showing a clearer and more detailed image with HDR enabled versus disabled in low-light conditions.

7.3. 24-Hour Parking Monitoring

When connected to a dedicated ACC step-down cable (sold separately), the dash cam can monitor your vehicle for 24 hours. It supports G-sensor emergency recording and time-lapse recording modes to capture events while parked.

Image: Illustrates the 24-hour parking monitoring feature, highlighting G-sensor emergency recording for impacts and time-lapse recording for continuous surveillance.

7.4. G-Sensor Emergency Recording

The built-in G-sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically locks the current video segment, protecting it from being overwritten by loop recording. These locked videos are stored in a separate folder on the SD card.

GPS-運転経路の追跡
GPSセンサーを搭載し、走行ルートをリアルタイムで追跡します!
事故が起きた時の証拠になります

Image: Explains the G-sensor emergency recording feature, showing how it automatically locks video files during impacts while parked or driving to prevent overwriting.

7.5. Loop Recording

The dash cam continuously records video in short segments (e.g., 1, 2, or 3 minutes). When the SD card reaches its storage limit, the oldest unlocked files are automatically overwritten by new recordings. This ensures continuous recording without manual intervention.

スーパーキャパシタ
70°C   -20°C

過酷な環境にも対応、-20°Cから70°Cまでの温度範囲で安定して動作し、過熱や損傷の心配なく安全を守ります。

Image: Illustrates the loop recording function, where older video files are automatically overwritten by new ones when the SD card is full, ensuring continuous recording.

8. MAINTENANCE

8.1. SD Card Management

- Regularly format the SD card (e.g., once a month) to prevent data corruption and ensure smooth recording.
- Back up important video files to a computer or cloud storage before formatting.
- Replace the SD card if you notice any recording errors or performance degradation.

8.2. Cleaning the Device

- Use a soft, dry cloth to clean the camera lenses and the device body.
- Avoid using abrasive cleaners or solvents that could damage the device.

9. Troubleshooting

If you encounter any issues with your GKU D900JP Dash Cam, please refer to the following common solutions:

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable; car's power outlet issue.	Check power cable connection; test with another power source; ensure car's ignition is on.
Recording stops or freezes.	SD card error; incompatible SD card; full SD card.	Format the SD card; use a U3 standard SD card; replace the SD card.
Poor video quality.	Dirty lens; protective film still on lens; incorrect settings.	Clean the lens; remove any protective film; check resolution settings in the menu.
Wi-Fi connection issues.	Incorrect password; interference; phone settings.	Verify Wi-Fi password; disable cellular data/Bluetooth on phone; restart dash cam and phone.
GPS not working.	Poor satellite signal; GPS module error.	Ensure clear view of the sky; check GPS settings in the menu; contact support if issue persists.

If the problem persists after attempting these solutions, please contact GKU customer support for assistance.

10. Specifications

The following table outlines the technical specifications of the GKU D900JP Dash Cam:

Feature	Specification
Screen Size	1.47 inches
Compatible Devices	Smartphone, PC
Color	D900JP
Brand Name	GKU
Manufacturer	GKU
Product Model Number	D900-JP
Other Functions	LED Signal Light Compatible, Sony IMX335 Sensor, STARVIS, Parking Monitor, Night Vision
Size	Small
Display Type	LCD
Assembly Method	Front Glass Mount
Product Dimensions	4.2 x 10.6 x 5.4 cm; 550 g

Feature	Specification
Video Capture Resolution	4K+2.5K
Mounting Type	Front Glass Mount
Field of View	340 degrees
Control Method	App

11. WARRANTY AND SUPPORT

11.1. Warranty Information

The GKU D900JP Dash Cam comes with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and ensures that the product meets its specified performance standards. Please retain your proof of purchase for warranty claims.

11.2. Customer Support

GKU provides dedicated customer support. If you have any questions, require technical assistance, or need to make a warranty claim, please contact our support team. Our Japanese-speaking support center and specialized customer service team are available to assist you.
Contact information can be found on the GKU official website or through the contact details provided with your product packaging.

Related Documents - D900

[GKU D600 4K Dash Cam User Manual](#)
User manual for the GKU D600 4K Dash Cam, covering installation, app usage, features, and specifications.

[GKU Dash Cam Support FAQ: Installation, Features, and Troubleshooting](#)
Comprehensive FAQ guide for GKU dash cameras, covering installation of hardwire kits and rear cameras, troubleshooting common issues with screen, GPS, and Wi-Fi, and usage tips for parking monitoring and reversing functions. Get support from GKU.

[GKU M12 Pro User Manual: 4K Mirror Dash Cam Installation, Features & FAQ](#)

Comprehensive user manual for the GKU M12 Pro 4K+2.5K Mirror Dash Cam. Learn about installation, features, app usage, troubleshooting, and product specifications.

[GKU D600Pro Dash Cam: Installation and User Guide](#)

Comprehensive guide to installing and using the GKU D600Pro dash cam, covering app connection, GPS features, camera settings, parking mode, and troubleshooting.

[GKU Dash Cam D600: Frequently Asked Questions and Troubleshooting](#)

Comprehensive guide to GKU Dash Cam D600, covering common issues, setup, and features. Learn about connectivity, SD card errors, video playback, and parking monitoring.

[GKU M22 Dual Dash Cam User Manual](#)

Comprehensive user manual for the GKU M22 Dual Dash Cam, covering installation, operation, features, and specifications. Includes safety warnings and troubleshooting tips.