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DKGEA Dash Cam-C10

DKGEA 4-Channel Dash Cam-C10 User Manual

Model: Dash Cam-C10

1. Setup and Installation

This section provides instructions for setting up your DKGEA 4-Channel Dash Cam-C10.

1.1 Package Contents

Verify that all components are present in your package:

- 1 x DKGEA 4-Channel Dash Cam-C10
- 1 x Rear Camera
- 1 x Car Charger
- 1 x Wiring Trim Tool
- 1 x 32GB TF Card & Ejector Pin
- 1 x User Manual
- Adhesive Pads (for dash cam and rear camera)
- Electrostatic Film
- Cable Management Clips (5 pieces)

1.2 Inserting the TF Card

Locate the TF card slot on the dash cam. Insert the provided 32GB TF card into the slot until it clicks into place. Ensure the card is inserted correctly to avoid damage. The dash cam supports up to 128GB TF cards.

1.3 Mounting the Dash Cam

The dash cam is designed for dashboard mounting. Choose a location on your dashboard that does not obstruct your view of the road. Clean the mounting surface thoroughly. Apply the electrostatic film to the chosen area, then attach the adhesive pad to the dash cam mount and firmly press it onto the electrostatic film. Adjust the camera angle to ensure optimal front, left, right, and interior views.



Image: The DKGEA 4-Channel Dash Cam-C10 installed on a vehicle's dashboard, illustrating its compact design and multi-camera setup.

1.4 Installing the Rear Camera

Mount the rear camera on the rear windshield using the provided adhesive pad. Route the cable neatly along the vehicle's interior trim to the main dash cam unit. Use the wiring trim tool and cable management clips to secure the cable and maintain a tidy installation.

1.5 Power Connection

Connect the car charger to the dash cam's power input and plug it into your vehicle's cigarette lighter socket. The dash cam will power on automatically when the vehicle starts and power off when the vehicle is turned off.

2. Operating Instructions

Understand the key features and functions of your DKGEA 4-Channel Dash Cam-C10.

2.1 360° All-Around View

The dash cam features four cameras (front, rear, left, and right) that simultaneously record, providing comprehensive 360° panoramic coverage around your vehicle. This eliminates blind spots and captures events from all angles.



Image: Visual representation of the 360-degree recording capability, highlighting the coverage areas of the four cameras.

2.2 24-Hour Parking Mode

For continuous surveillance when parked, the dash cam offers two parking modes (requires a hardwiring kit, not included):

- **Time-lapse Recording:** Records continuously at 1 frame per second, conserving storage space.
- **Collision Detection Mode:** Automatically saves and locks a 10-second video clip upon detecting a collision or impact.



Image: Depiction of the 24-hour parking monitoring feature, including collision-detected recording and time-lapse recording.

2.3 Enhanced Night Vision

Equipped with an F2.0 aperture, Wide Dynamic Range (WDR) technology, and eight infrared (IR) lights, the dash cam ensures clear video recording in various lighting conditions. WDR automatically adjusts exposure and contrast, while IR lights provide visibility in dim or dark environments.



Image: Examples of night vision performance, showing how the camera adjusts to different light levels for optimal clarity.

2.4 Built-in GPS Tracking

The integrated GPS module records your vehicle's real-time location, driving speed, and route. You can review your driving history using the Viidure software to monitor habits and enhance safety awareness.



Image: The dash cam and a smartphone app showing GPS tracking data, including location and route information.

2.5 G-Sensor

The intelligent G-Sensor detects sudden impacts, collisions, or abnormal vibrations. Upon detection, it automatically activates emergency recording and locks the footage to a protected folder, preventing it from being overwritten by loop recording.



Image: Visual explanation of the G-Sensor's role in detecting collisions and securing emergency video footage.

2.6 Loop Recording

The dash cam supports continuous loop recording. When the TF card's storage is full, the system automatically overwrites the oldest unprotected footage with new recordings. This ensures uninterrupted recording without manual intervention.



Image: Diagram explaining the loop recording function, showing how older files are replaced by newer ones.

2.7 Wi-Fi Connectivity and App Control

The built-in 2.4GHz Wi-Fi allows you to connect your smartphone to the dash cam via a dedicated app. This enables faster video transfers, instant sharing of footage, and convenient review of your driving history.

3. Maintenance

Proper maintenance ensures the longevity and optimal performance of your dash cam.

3.1 TF Card Management

- **Formatting:** Regularly format the TF card (at least once a month) within the dash cam's settings to prevent data corruption and ensure smooth recording.
- **Capacity:** The dash cam supports TF cards up to 128GB. Using a high-quality, high-speed (Class 10 or U3 recommended) TF card is crucial for reliable performance.
- **Replacement:** TF cards have a limited lifespan. If you notice recording errors or degraded performance, consider replacing the TF card.

3.2 Cleaning the Device

- **Lenses:** Gently wipe the camera lenses with a soft, lint-free cloth to remove dust or smudges. Avoid abrasive materials that could scratch the lenses.
- **Screen:** Clean the 3-inch IPS screen with a soft, dry cloth. Do not use liquid cleaners directly on the screen.
- **Body:** Wipe the dash cam body with a slightly damp cloth if necessary. Ensure no moisture enters the ports.

3.3 Environmental Considerations

Avoid exposing the dash cam to extreme temperatures (hot or cold) for extended periods, as this can affect battery life and component performance. Do not expose the device to direct sunlight for prolonged durations when parked.

4. Troubleshooting

This section addresses common issues you might encounter with your dash cam.

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty car charger; loose connection.	Check car charger connection and vehicle's cigarette lighter socket. Try a different power source if available. Ensure the cable is securely connected to the dash cam.
Recording stops or footage is corrupted.	TF card full; TF card error; low-quality TF card.	Format the TF card regularly. Ensure you are using a Class 10 or U3 high-speed TF card. Replace the TF card if issues persist.
Poor video quality (blurry, dark).	Dirty lens; protective film still on lens; incorrect settings.	Clean the camera lenses. Remove any protective film. Check video resolution settings in the menu. Ensure WDR is enabled for balanced exposure.
Wi-Fi app connection issues.	Incorrect Wi-Fi password; app malfunction; interference.	Ensure correct Wi-Fi password. Restart both the dash cam and your smartphone. Reinstall the app if necessary. Check for app updates.
GPS not tracking location.	Poor GPS signal; GPS module error.	Ensure the dash cam has a clear view of the sky. Avoid placing it under metallic tints or obstructions. Restart the device.

5. Specifications

Key technical specifications for the DKGEA 4-Channel Dash Cam-C10.

Feature	Detail
Brand	DKGEA
Model Name	Dash Cam-C10
Video Capture Resolution	1080p
Field Of View	360 Degrees
Screen Size	3 Inches
Connectivity Technology	Wi-Fi
Special Features	360 Degree, Application control, Built-in GPS, Night Vision, Parking Monitoring, Built-in 2.4G WiFi, Compact Design, Collision Sensor, Loop Recording, 3-inch IPS Screen
Included Memory Card Size	32 GB

Feature	Detail
Flash Memory Supported Size Maximum	128 GB
Frame Rate	30 FPS
Maximum Aperture	F2.0
Mounting Type	Dashboard Mount
Item Weight	16 ounces
Item Dimensions (D x W x H)	3"D x 2"W x 3"H

6. Warranty Information

The DKGEA 4-Channel Dash Cam-C10 comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation of your device. Please retain your proof of purchase for warranty claims.

7. Customer Support

For any questions, technical assistance, or warranty inquiries, please contact our customer support team:

- **Email:** Duoduowang1688@outlook.com

We are committed to providing reliable protection and transparent service.

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