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› SPADE DC600 Dash Cam User Manual

SPADE DC600 Car Camera

SPADE DC600 Dash Cam User Manual

4K+1080P WiFi GPS Dash Camera for Cars

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SPADE DC600 Dash Cam. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This device is designed to record driving footage for security and informational purposes.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1 x SPADE 4K Dash Cam (Front Camera)
- 1 x 1080P In-car Rear Camera
- 1 x 64GB Memory Card
- 1 x Power Supply Cable with Car Charger (USB-C)
- 1 x Rear Camera Cable
- 1 x Suction Cup Mount

PRODUCT OVERVIEW

Familiarize yourself with the main components of your SPADE DC600 Dash Cam system.



Figure 1: SPADE DC600 Dash Cam System Components. This image displays the primary dash camera unit, the rear camera, the suction cup mount, and the included 64GB SD card. A smartphone screen illustrates the accompanying mobile application, showing live camera feed and GPS tracking data.

The main unit features a front-facing camera, a display screen, control buttons, and ports for power and the rear camera. The rear camera is a smaller unit designed for discreet placement on the rear windshield.

INSTALLATION AND SETUP

1. Prepare the SD Card

Insert the included 64GB high-speed SD card into the dash cam's SD card slot. It is recommended to format the SD card within the dash cam's settings before first use to ensure optimal performance and prevent potential recording issues.

2. Mount the Front Dash Cam



Figure 2: Front Dash Cam Mounting. The image shows the dash cam attached to the windshield using the suction cup mount, positioned to capture the road. The mount allows for 360-degree rotation for optimal viewing angles.

1. Clean the area on your windshield where you intend to mount the dash cam. Ensure the surface is dry and free of dust or grease.
2. Attach the suction cup mount to the dash cam.
3. Press the suction cup firmly against the windshield and engage the lever to secure it.
4. Adjust the camera angle to ensure a clear view of the road ahead, typically centered and below the rearview mirror. The mount allows for 360-degree rotation for optimal positioning.

3. Install the Rear Camera

The 1080P rear camera is designed to record the view behind your vehicle.

1. Identify a suitable location on your rear windshield, typically at the top center, ensuring it does not obstruct your view.
2. Clean the mounting surface thoroughly.
3. Attach the rear camera using its adhesive pad.
4. Route the rear camera cable discreetly along the headliner and A-pillars to the main dash cam unit. Connect it to the designated rear camera port.

4. Power Connection

Connect the USB-C power supply cable to the dash cam and plug the car charger into your vehicle's cigarette lighter socket. Route the cable along the edge of the windshield and dashboard to keep it tidy and out of the way, ensuring it does not interfere with driving controls.

5. GPS Module

The GPS functionality is integrated into the dash cam. Ensure the dash cam has a clear view of the sky for optimal GPS signal reception. No separate connection is typically required for the internal GPS.

OPERATING INSTRUCTIONS

Basic Operation

The dash cam will automatically power on and begin recording when your vehicle starts and power is supplied. It will power off shortly after the vehicle is turned off.

4K+1080P Dual Recording

The front camera records in 4K (3840x2160P@30fps) and the rear camera records in 1080P (1920x1080P@30fps) simultaneously. Both video feeds are saved to the inserted SD card, providing comprehensive coverage.

5G WiFi App Control

Built in 5G WiFi & GPS

Video preview, download, edit & share with free APP.



Figure 3: 5G WiFi and App Control. This image illustrates the dash cam's display and a smartphone running the 'Roadcam' app. The app allows users to view live footage, play back recorded videos, and manage settings via a 5G WiFi connection, which is faster than 2.4G WiFi.

1. Download the "Roadcam" app from your device's app store (iOS or Android).
2. Enable WiFi on your smartphone and connect to the dash cam's WiFi network (SSID and password can be found in the dash cam's settings or manual).
3. Once connected, you can view live footage, playback recorded videos, download files, and adjust settings directly from your phone.

GPS Functionality

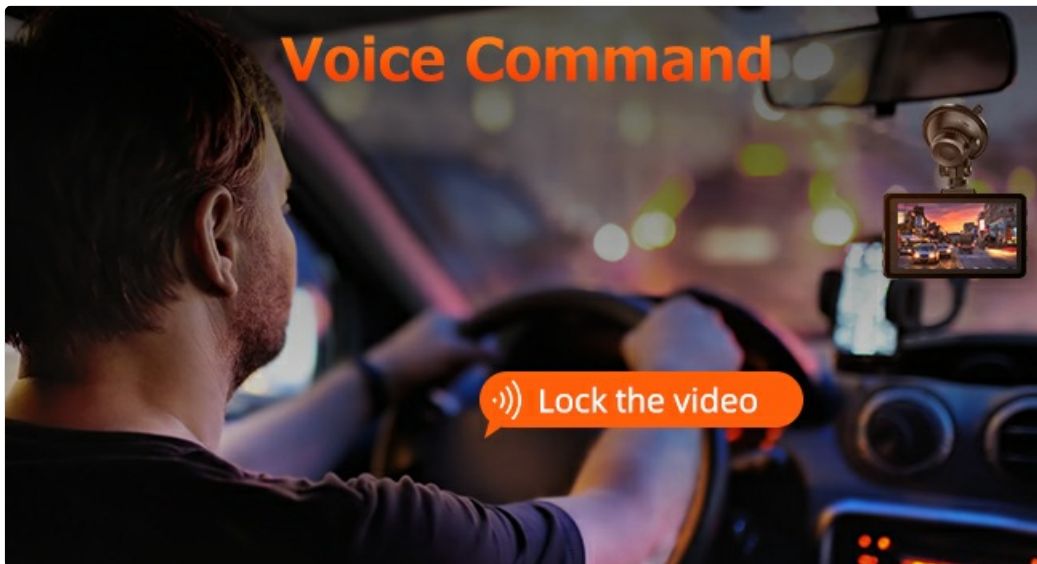


Figure 4: GPS Tracking. This image demonstrates the GPS functionality, showing how recorded footage can be played back on a computer or smartphone with an accompanying map displaying the vehicle's route and speed data.

The built-in GPS records your vehicle's real-time speed and driving route. This data is synchronized with the video footage and can be viewed during playback using the "Roadcam" app or a compatible GPS player on a computer, providing valuable information for incident analysis.

Smart Voice Control

A dark gray rectangular graphic with four service guarantees listed vertically. Each guarantee is accompanied by a teal icon: an envelope for 24 hours, a calendar for 30 days, a shield with a checkmark for 365 days, and a headset for lifetime service.

- 24 Hours**
Respond quickly and answer in time with professional attitude 24 hours a day
- 30 Days**
30 days no reason to return or exchange
- 365 Days**
Replacement and accessories available within 365 days.
- Lifetime**
Lifetime after-sales service for every customer

Figure 5: Voice Control Features. This image shows a driver interacting with the dash cam using voice commands, illustrating how to initiate actions such as taking photos, locking videos, or controlling recording without hands-on interaction.

The dash cam supports various voice commands for hands-free operation, allowing you to control key functions without taking your hands off the wheel. Common commands include:

- "Take Photo"
- "Turn On WiFi"
- "Lock The Video"

- "Turn On Audio"
- "Turn Off Screen"
- "Video Stop"
- "Video Start"

Speak commands clearly and directly towards the dash cam for best recognition.

24 Hours Parking Monitoring

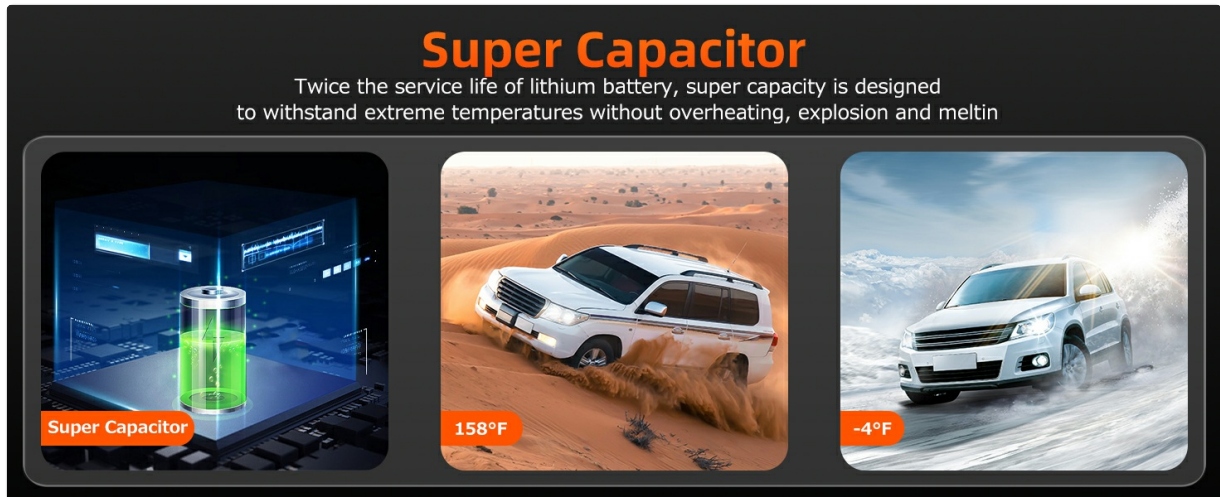


Figure 6: 24-Hour Parking Mode. This image explains the two available parking surveillance modes: Time-Lapse Parking Mode, which records at a lower frame rate to conserve memory, and G-sensor Parking Mode, which activates recording upon detecting an impact.

The dash cam offers two parking monitoring modes to protect your vehicle while parked (requires an optional hardwire kit for continuous power):

- **Time-Lapse Parking Mode:** Records at 24 frames per second, efficiently saving memory space while providing continuous surveillance.
- **G-sensor Parking Mode:** Automatically activates recording when an impact is detected, saving the footage as an emergency file to prevent overwriting.

Loop Recording and G-Sensor



Figure 7: Loop Recording and G-Sensor. This graphic explains how loop recording continuously records, overwriting the oldest files when the memory card is full. It also shows the G-sensor's role in detecting collisions and automatically locking important video segments to prevent them from being overwritten.

- **Loop Recording:** When the SD card is full, the dash cam automatically overwrites the oldest unlocked files with new recordings, ensuring continuous operation without manual intervention.
- **G-Sensor:** The built-in G-sensor detects sudden impacts or collisions. When triggered, it automatically locks the current video segment, preventing it from being overwritten by loop recording. These locked files are stored in a separate folder on the SD card.

Superior Night Vision & WDR



Figure 8: Night Vision and WDR. This image highlights the dash cam's ability to capture clear video in low-light conditions using its advanced sensor and F1.8 aperture. It also demonstrates the effectiveness of WDR (Wide Dynamic Range) technology in balancing exposure for clear images in challenging lighting, such as strong backlighting.

- **Night Vision:** Equipped with a high-performance advanced sensor and ultra-large F1.8 aperture, the dash cam captures clear and detailed video even in low-light environments.
- **WDR (Wide Dynamic Range):** This technology automatically balances exposure in scenes with extreme light variations (e.g., bright sunlight and deep shadows), ensuring clear video capture day and night.

MAINTENANCE

- **SD Card Formatting:** Regularly format the SD card (at least once a month) to prevent data corruption and ensure optimal recording performance. Back up any important files before formatting.
- **Lens Cleaning:** Use a soft, lint-free cloth to gently clean the camera lenses to ensure clear video quality. Avoid abrasive materials that could scratch the lens.
- **Firmware Updates:** Check the SPADE official website or the "Roadcam" app periodically for firmware updates. Keeping your dash cam's firmware updated can improve performance and add new features.
- **Temperature:** The supercapacitor design allows for stable performance in extreme temperatures.

However, avoid prolonged exposure to direct sunlight in extremely hot conditions when the vehicle is parked, if possible, to prolong the lifespan of all components.

TROUBLESHOOTING

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. Ensure the USB-C cable is securely connected to the dash cam. Try a different power source if available.
Recording stops or freezes.	SD card error; low-speed SD card; full SD card; firmware issue.	Format the SD card. Ensure you are using a high-speed (Class 10 or U3) SD card. Check for firmware updates.
Poor video quality.	Dirty lens; protective film on lens; incorrect resolution settings.	Clean the camera lenses. Remove any protective film. Check video resolution settings in the menu or app.
WiFi connection issues.	Incorrect password; too far from dash cam; app issue.	Ensure correct WiFi password. Stay within close proximity to the dash cam. Restart the app and dash cam.
GPS not tracking speed/route.	Poor GPS signal; dash cam not receiving clear sky view.	Ensure the dash cam has an unobstructed view of the sky. Move the vehicle to an open area. Allow a few minutes for GPS signal acquisition.
Voice control not responding.	Unclear commands; background noise; microphone obstruction.	Speak clearly and directly towards the dash cam. Reduce background noise. Ensure the microphone is not obstructed.

SPECIFICATIONS

Feature	Detail
Model Name	DC600 Car Camera
Front Camera Resolution	4K (3840x2160P@30fps)
Rear Camera Resolution	1080P (1920x1080P@30fps)
Connectivity	5G Wi-Fi, Bluetooth, USB
Special Features	App Control, Built-In Display/Microphone/Speaker, Compact Design, G-Sensor, Loop Recording, Mute Function, Night Vision, Voice Control, Parking Monitor, WDR
Storage	Supports up to 256GB Micro SD Card (64GB included)

Feature	Detail
Power Source	Supercapacitor (USB-C Car Charger)
Mounting Type	Windshield Suction Mount
Control Method	App, Voice
Product Dimensions	1.4 x 3.5 x 2 inches
Item Weight	1.63 pounds

WARRANTY AND SUPPORT

SPADE offers comprehensive customer support for its products.

- **Returns/Exchanges:** 30 days no reason to return or exchange.
- **Replacement:** 365 days replacement and accessories available.
- **After-Sales Service:** Lifetime after-sales service for every customer.
- **Contact:** For technical assistance or warranty claims, please refer to the contact information provided on the SPADE official website or the product packaging. Support is available 24 hours a day.