ecomoment GT801

ecomoment GT801 Dual Dash Cam Front and Rear User Manual

Model: GT801

1. Introduction

Thank you for choosing the ecomoment GT801 Dual Dash Cam. This device is designed to provide comprehensive video surveillance for your vehicle, recording both front and rear views in high definition. It features advanced functionalities such as 4K front recording, 1080P rear recording, built-in Wi-Fi, GPS tracking, G-sensor for emergency locking, loop recording, and 24-hour parking monitoring. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your dash cam.



Figure 1: ecomoment GT801 Dual Dash Cam components and interface.

2. Package Contents

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x GT801 Dash Cam (Front Camera)
- 1 x Rear Camera (with 22.5ft cable)
- 1 x 32GB SD Card (pre-installed into GT801)
- 1 x Car Charger (11.5ft cable)
- 1 x User Manual
- 1 x Installation Guide
- 2 x Adhesive Pads
- 1 x Easy Pry Tool

3. Product Overview

The ecomoment GT801 dash cam features a compact design with a 2.0-inch IPS screen. It integrates a front camera with a 170° wide-angle lens and a rear camera with a 160° wide-angle lens for comprehensive coverage.

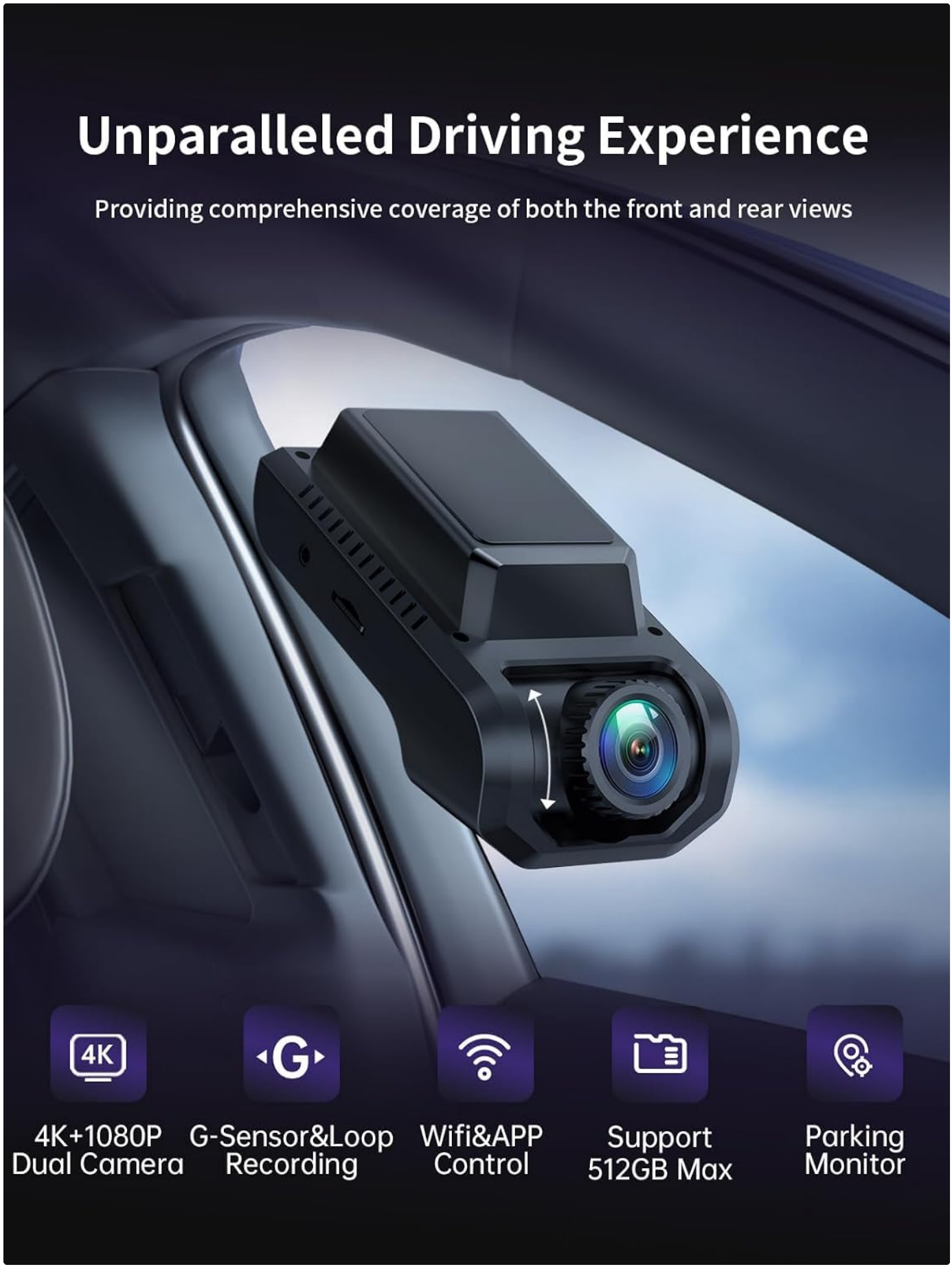


Figure 2: GT801 Dash Cam mounted view and feature highlights.

3.1. Key Features

- **Dual-Camera Recording:** Records front in 4K (3840*2160P) and rear in 1080P (1920*1080P) simultaneously.
- **Wide-Angle Lenses:** 170° front and 160° rear to minimize blind spots.
- **Built-in Wi-Fi:** Connects to the "VeeCar" app for viewing, playback, and management.
- **Integrated GPS:** Tracks speed, location, and route history.
- **Superior Night Vision:** Starvis sensor and F1.8 large aperture for clear low-light recording.
- **G-Sensor:** Automatically locks and saves video footage upon sudden collision detection.
- **Loop Recording:** Overwrites oldest files when the memory card is full (supports up to 256GB, 32GB included).
- **24-Hour Parking Monitor:** Provides continuous surveillance when parked (requires optional hardwire kit).
- **2.0-inch IPS Screen:** For live view and menu navigation.

4. Installation Guide

4.1. Front Camera Installation

1. **Choose Location:** Select a position on your windshield, preferably behind the rearview mirror, that does not obstruct your driving view.
2. **Clean Surface:** Ensure the windshield surface is clean and dry before applying the adhesive pad.
3. **Attach Dash Cam:** Peel off the protective film from one adhesive pad and firmly press it onto the chosen location on the windshield. Attach the dash cam to the adhesive mount.
4. **Connect Power:** Plug the car charger into your vehicle's cigarette lighter socket. Connect the Type-C end of the power cable to the dash cam. Route the cable neatly along the windshield edge and A-pillar using the easy pry tool to tuck it under the trim.

4.2. Rear Camera Installation

1. **Mount Rear Camera:** Mount the rear camera on the rear windshield, ensuring a clear view. Use the second adhesive pad for secure attachment.
2. **Route Cable:** Connect the rear camera cable to the main dash cam unit. Route the cable from the rear camera to the front dash cam, typically along the headliner and A-pillar, tucking it under the vehicle's interior trim.



Figure 3: Front and Rear Camera Field of View.

5. Operating Instructions

5.1. Power On/Off

- **Automatic Operation:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on (and power is supplied to the cigarette lighter socket).
- **Manual Power:** Press and hold the power button (if available) to manually turn the device on or off.

5.2. Basic Recording

- **Continuous Recording:** Once powered on, the dash cam will automatically start continuous loop recording. Video files are saved in segments (e.g., 1, 3, or 5 minutes).
- **Loop Recording:** When the SD card is full, the oldest unlocked files will be overwritten by new recordings.

5.3. G-Sensor (Emergency Recording)

The built-in G-sensor detects sudden impacts or collisions. When triggered, the current video segment will be automatically locked and saved to a protected folder on the SD card, preventing it from being overwritten by loop recording.



Figure 4: G-Sensor and Loop Recording functionality.

5.4. 24-Hour Parking Monitor

To enable 24-hour parking monitoring, a hardwire kit (sold separately, ASIN: B0D93KLNJR) is required. When properly installed, the dash cam will continue to monitor your vehicle even when the ignition is off. It can record continuously with a

time-lapse function or activate upon detecting motion or impact.

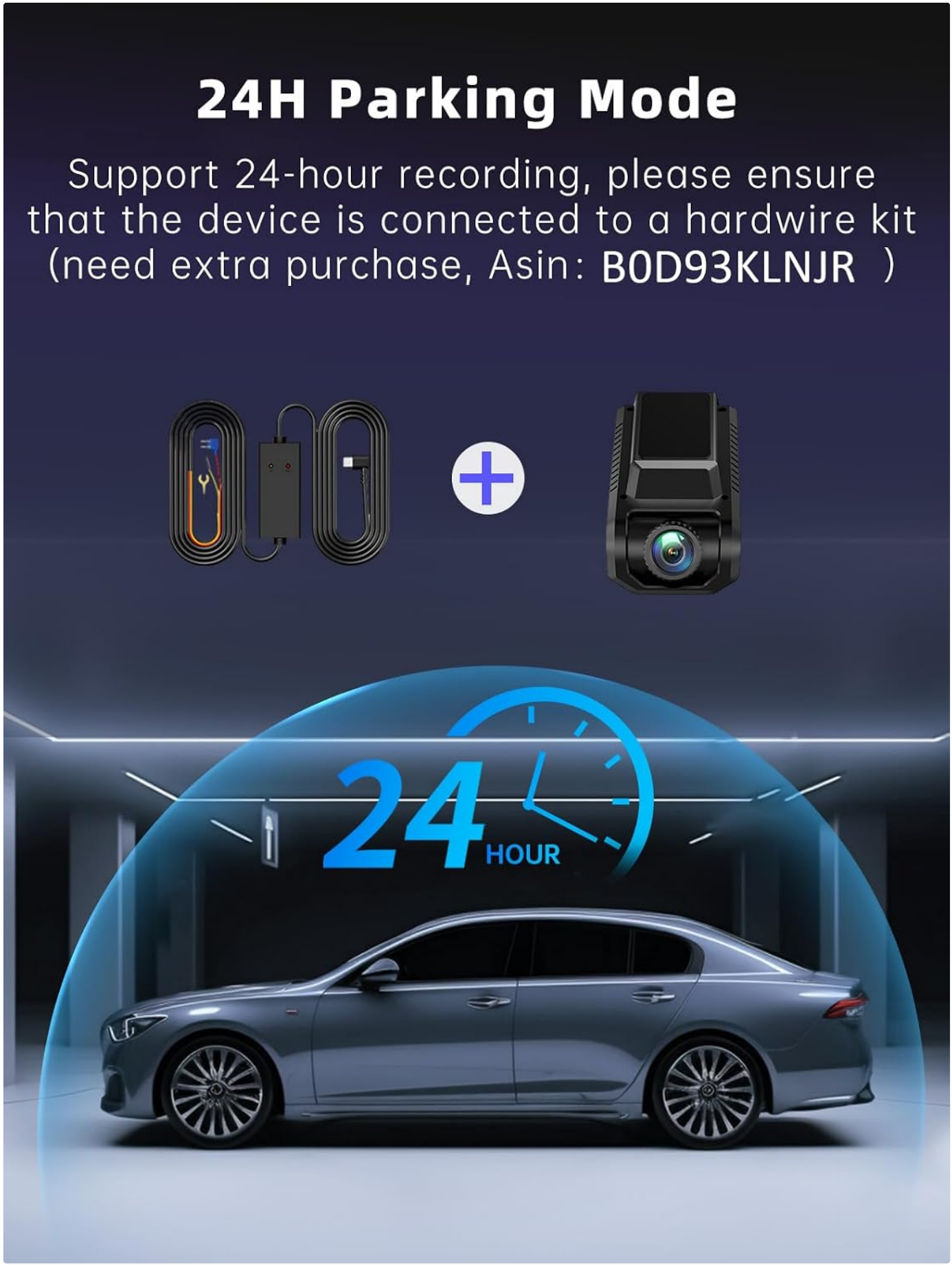


Figure 5: 24-Hour Parking Mode setup with optional hardwire kit.

5.5. Wi-Fi and App Control

The GT801 features built-in Wi-Fi for seamless connection to your smartphone via the "VeeCar" app.

1. **Download App:** Download the "VeeCar" app from the App Store (iOS) or Google Play Store (Android).
2. **Connect Wi-Fi:** On the dash cam, enable Wi-Fi (refer to the on-screen menu). On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network (SSID and password usually displayed on the dash cam screen).
3. **App Functions:** Once connected, use the "VeeCar" app to:
    - View live footage from both cameras.
    - Playback recorded videos.
    - Download video files to your smartphone.
    - Adjust dash cam settings.

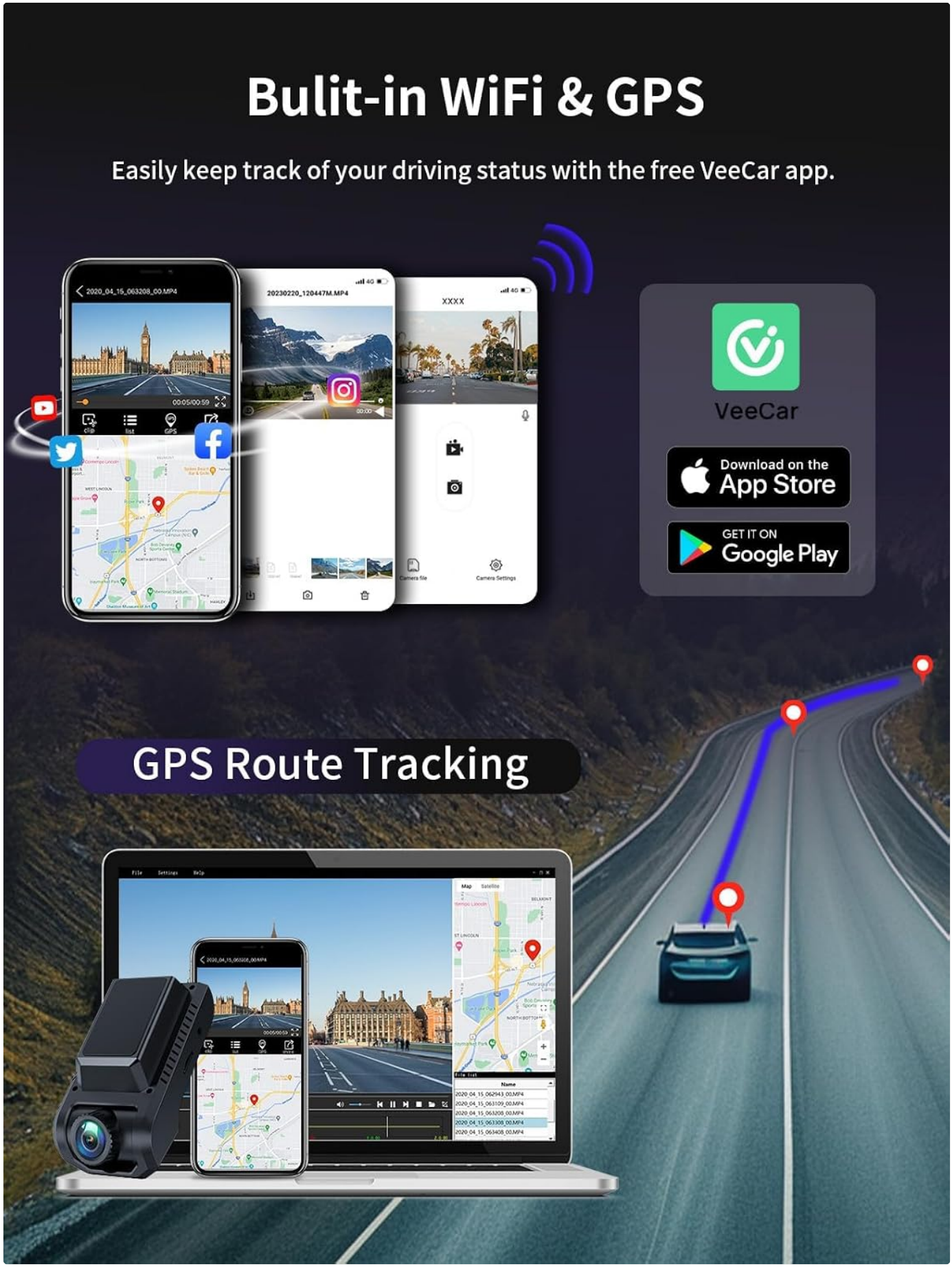


Figure 6: Wi-Fi connectivity and GPS route tracking via the VeeCar app.

5.6. GPS Functionality

The integrated GPS module records your driving route, speed, and location data. This information can be viewed and analyzed using the "VeeCar" app on your smartphone or dedicated GPS player software on a computer.

5.7. Night Vision

Equipped with a Starvis sensor and an F1.8 large aperture 6-layer glass lens, the GT801 provides enhanced night vision capabilities, capturing clear and detailed footage even in low-light conditions.

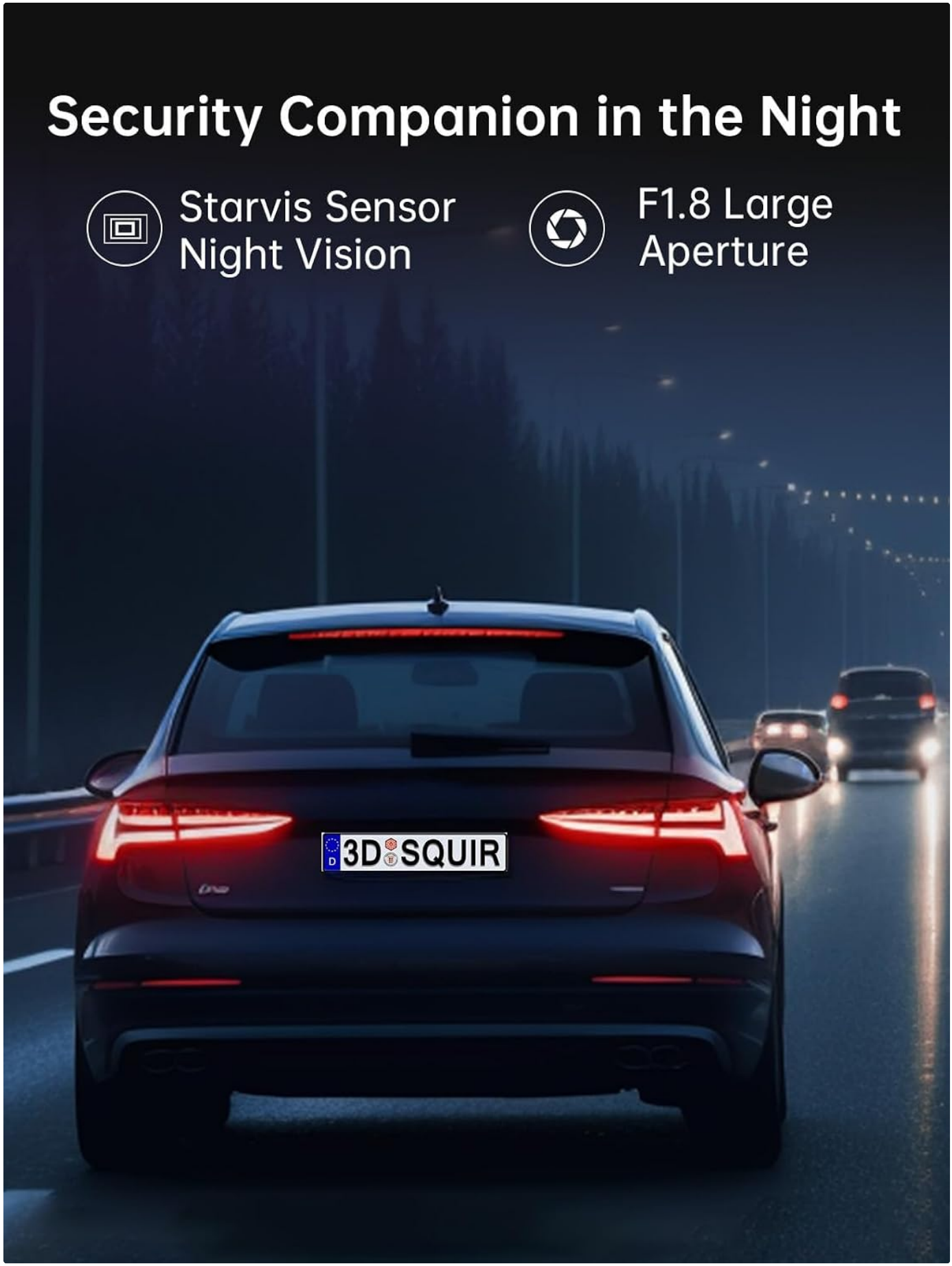


Figure 7: Night vision performance.

6. Maintenance

6.1. SD Card Management

- **Formatting:** It is recommended to format the SD card regularly (e.g., once a month) to ensure optimal performance and prevent data corruption. This can usually be done through the dash cam's menu settings.
- **Card Type:** Use a high-speed (Class 10 or U3) microSD card from a reputable brand. The device supports up to 256GB.
- **Replacement:** SD cards have a limited lifespan. If you experience recording errors, consider replacing the SD card.

6.2. Cleaning the Device

- Wipe the camera lenses with a soft, lint-free cloth to ensure clear video quality.
- Clean the exterior of the dash cam with a slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.

7. Troubleshooting

Problem	Possible Cause / Solution
Dash cam does not power on.	◦ Check if the car charger is properly connected to the cigarette lighter socket and the dash cam. ◦ Ensure the vehicle's ignition is on. ◦ Test the car charger in another vehicle or with another device to confirm it's working.
Recording stops or freezes.	◦ The SD card may be full. Format the SD card regularly. ◦ The SD card may be faulty or too slow. Use a high-speed (Class 10 or U3) card. ◦ Ensure the SD card is inserted correctly.
Poor video quality.	◦ Clean the camera lenses. ◦ Ensure the protective film has been removed from the lenses. ◦ Check video resolution settings in the menu.
Wi-Fi connection issues.	◦ Ensure Wi-Fi is enabled on the dash cam. ◦ Restart both the dash cam and your smartphone. ◦ Ensure you are within close proximity to the dash cam. ◦ Forget the network on your phone and reconnect.
GPS not tracking.	◦ Ensure the dash cam has a clear view of the sky for satellite reception. ◦ Verify GPS settings are enabled in the dash cam menu.

8. Specifications

Feature	Detail
Model Name	GT801
Front Video Resolution	4K (3840*2160P)
Rear Video Resolution	1080P (1920*1080P)
Front Field of View	170 Degrees
Rear Field of View	160 Degrees

Feature	Detail
Display	2.0-inch IPS Screen
Connectivity	USB, Wi-Fi
Special Features	Built-in Wi-Fi, APP Control, 24H Parking Monitor (Hardwire Kit Needed), G-Sensor, Loop Recording, Super Night Vision, Type-C Port
Storage	Supports up to 256GB MicroSD card (32GB included)
Power Source	Car Charger (12V)
Operating Temperature	Designed for extreme durability (e.g., -4°F to 160°F, as per image)
Product Dimensions	1.6 x 2.2 x 4 inches
Item Weight	3.52 ounces

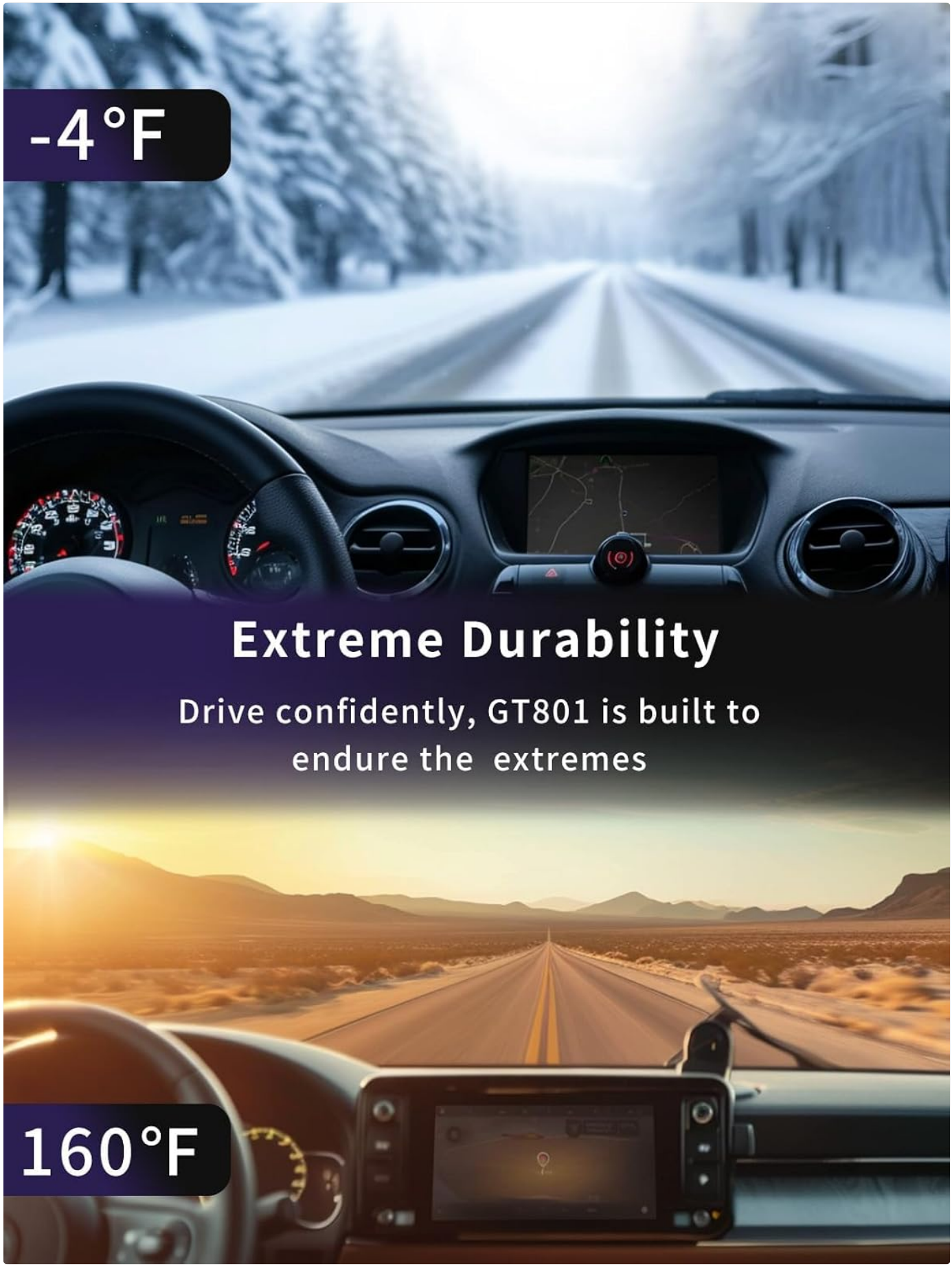


Figure 8: GT801 Dash Cam operating temperature range.

9. Warranty and Support

ecomoment provides a **10-year free warranty** and **lifetime professional technical support** for the GT801 Dash Cam.

If you encounter any issues or have questions regarding your product, please do not hesitate to contact our customer support team. Refer to the contact information provided in the separate Installation Guide or on the ecomoment official website.

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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.

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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.

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