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› WOLFBOX G840S 12" 4K Mirror Dash Cam Backup Camera, 5.8GHz WiFi Smart Rearview Mirror for Cars & Trucks, Front and Rear View Dual Cameras, Night Vision, Parking Assistance, Included 32GB Card & GPS

WOLFBOX G840S

WOLFBOX G840S 12" 4K Mirror Dash Cam Backup Camera User Manual

Model: G840S

1. PRODUCT OVERVIEW

The WOLFBOX G840S is a state-of-the-art 12-inch 4K Mirror Dash Cam designed to enhance driving safety and recording capabilities. It features a 4K UHD front camera and a 1080P rear camera, providing comprehensive coverage. The extra-large display minimizes blind spots, while integrated 5.8GHz WiFi and GPS tracking offer real-time data and easy access to recordings via the WOLFBOX app. Advanced features like WDR & HDR technology ensure superior image quality in various lighting conditions, and a 24-hour parking monitor provides continuous surveillance when parked.



Figure 1: WOLFBOX G840S Mirror Dash Cam and included accessories.

2. What's in the Box

Please check the package contents upon unboxing:

- 4K Mirror Dash Cam (Main Unit)
- 1080P Backup Camera with screws and 3M tape
- 11 feet Car Charger
- 32GB Card (pre-installed in the dash cam card slot)
- External GPS antenna
- Cable Clips (x5)
- Strap (x4)
- Adhesive
- User Manual



Figure 2: All components included in the WOLFBOX G840S package.

3. SETUP AND INSTALLATION

3.1 Installing the Mirror Dash Cam

1. Attach the dash cam to your existing rearview mirror using the provided straps. Ensure it is securely fastened and does not obstruct your view.
2. Connect the Type-C power cable to the dash cam and route it along the windshield trim, down the A-pillar, and to your vehicle's cigarette lighter socket. Use the provided cable clips to secure the cable neatly.
3. Plug the car charger into the cigarette lighter socket.

3.2 Installing the Rear Camera

1. Mount the rear camera at the back of your vehicle, typically above the license plate or on the rear window. Use the provided screws or 3M tape for secure attachment.
2. Connect the rear camera cable to the main dash cam unit.
3. Route the rear camera cable from the back of the vehicle to the front, ensuring it is tucked away safely and does not interfere with vehicle operation.

3.3 Installing the GPS Antenna

1. Attach the external GPS antenna to a clean, flat surface on your dashboard or near the windshield, ensuring it has a clear view of the sky for optimal signal reception.
2. Connect the GPS antenna cable to the designated port on the dash cam.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on. To manually power off, press and hold the power button. Press briefly to turn the screen off/on while recording.

4.2 Basic Recording

The device records continuously in a loop. When the memory card is full, the oldest unlocked files will be overwritten. The front camera records in 4K UHD (2160p) and the rear camera in 1080p.

Impeccable 4K UHD Videos

Improve your driving experience



4K+1080P



5.8GHz WIFI



12" Touch Screen



WDR



Night Vision

Figure 3: Impeccable 4K UHD video quality from the front camera.

4.3 Touch Screen Interface

The 12-inch touch screen allows for easy navigation and control. Swipe up and down to adjust the viewing angle of the rear camera. Swipe left and right to switch between front, rear, or split-screen views.

12" Smart Screen

gives you more viewing angles
and room to operate



mirror dash cam

common dash cam



Figure 4: The 12-inch smart screen provides a wider view and more operating room.

4.4 Wi-Fi Connectivity and App Control

Connect your smartphone to the dash cam via 5.8GHz Wi-Fi using the "WOLFBOS" app (available on iOS and Android). This allows for real-time viewing, playback of recordings, and quick sharing of videos.

Built-in 5.8GHz Wi-Fi

Faster and easier video playback with the “WOLFBOS” APP.

5.8GHz 8MB/s

2.4GHz 2MB/s

4X Faster Download Speed

Download on the **Apple Store**

WOLFBOS APP

get it on **Goole Play**

Figure 5: Built-in 5.8GHz Wi-Fi for faster video playback and app control.

4.5 GPS Tracking

The external GPS antenna enables real-time display of GPS data, including speed and location, directly on the dash cam screen. You can also review your driving route and speed on a computer using the dedicated GPS player software (downloadable from wolfbox.com/gps-player).

4.6 Parking Monitoring

For 24-hour parking surveillance, a hardwire kit (sold separately, ASIN: B09X1L1GMX/B09X9F8GMT) is required. In time-lapse mode, the camera records at a low frame rate to conserve power and storage, ensuring continuous monitoring of your vehicle while parked.

24H Parking Monitoring

Continuous surveillance while parked

Hardwire kit is needed
(Buy Separately)





Continuously Record at 1FPS

Time-lapse Mode

Normal Recording

24h

48mins

Figure 6: Continuous surveillance while parked with 24H Parking Monitoring.

4.7 G-Sensor and Loop Recording

The built-in 3-axis G-sensor detects sudden movements or collisions and automatically locks the current video segment to prevent it from being overwritten during loop recording. This ensures critical footage is preserved.

Loop Recording

Endless recording with
the oldest videos being overwritten



G-Sensor

Capture collisions in certain
seconds, then lock up.

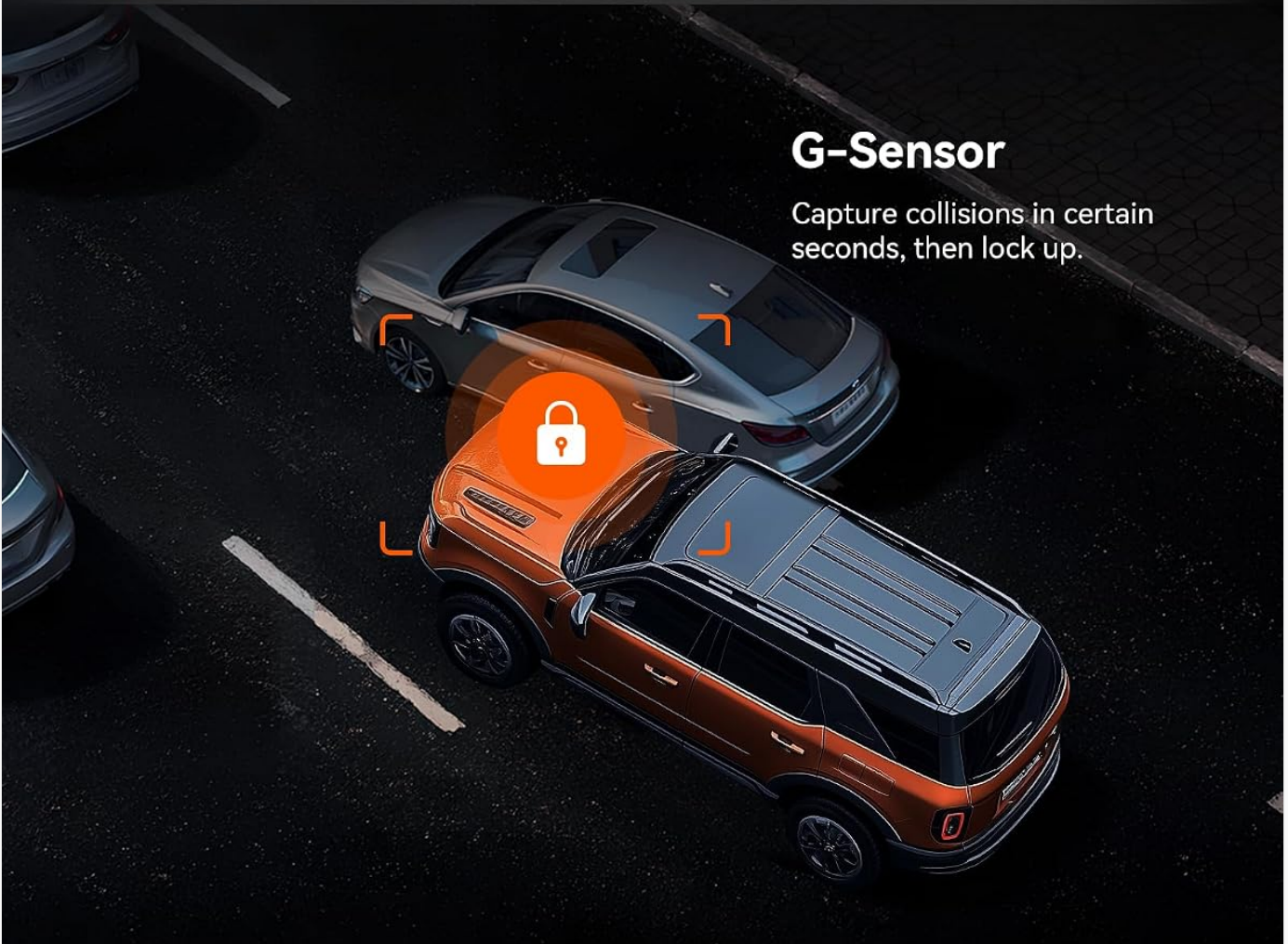


Figure 7: Loop recording ensures continuous recording, while the G-Sensor locks important event footage.

4.8 Night Vision and WDR/HDR Technology

The G840S features superior night vision capabilities, enhanced by WDR (Wide Dynamic Range) and HDR (High Dynamic Range) technology. These technologies balance lighting in challenging conditions, ensuring clear and detailed recordings even at night or in areas with strong contrasts.

Superior Night Vision

Upgraded WDR camera for clear night recording



Figure 8: Superior night vision for clear night recording.

WDR Tech

It uses advanced WDR technology to automatically provide you with the best brightness

Too Bright



Too Dark



Figure 9: WDR technology automatically adjusts brightness for optimal image quality.

4.9 Adjustable Rear Camera View

The rear camera view can be adjusted for both vertical and mirror flips, allowing for correct orientation regardless of mounting position.

Adjustable Rear Camera

Vertical Flip



Mirror FLip



Figure 10: Adjustable rear camera view with vertical and mirror flip options.

4.10 Parking Guide Lines

When reversing, the dash cam displays parking guide lines on the screen. These lines can be freely adjusted to assist with parking maneuvers.

Extra Parking Guide

Freely adjusted for help



Swipe up and down, Adjust the lines.



Figure 11: Extra parking guide lines that can be adjusted for help.

5. MAINTENANCE

- **Cleaning the Lenses:** Use a soft, lint-free cloth to gently wipe the camera lenses. Avoid abrasive materials or harsh chemicals that could scratch the lens.
- **Cleaning the Screen:** Use a microfiber cloth to clean the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner.

- **Memory Card Management:** Regularly format the 32GB memory card (at least once a month) to ensure optimal performance and prevent data corruption. Back up any important footage before formatting.
- **Temperature Considerations:** The built-in supercapacitor allows the device to operate safely in extreme temperatures, from -4°F to 158°F. However, prolonged exposure to direct sunlight in very hot climates should be minimized when the vehicle is parked.



Figure 12: The supercapacitor ensures safer and longer-lasting performance across a wide temperature range.

6. TROUBLESHOOTING

Problem	Possible Cause / Solution
Dash cam does not power on.	Ensure the car charger is properly connected to the dash cam and the vehicle's cigarette lighter socket. Check if the vehicle's cigarette lighter socket is receiving power. Verify the Type-C power cable is not damaged.
Recording stops or freezes.	The memory card may be full. Format the card regularly. The memory card may be faulty or too slow. Use a high-speed (Class 10 or U3) microSD card. Ensure the power supply is stable.
Poor image quality at night.	Ensure the camera lenses are clean and free from smudges or dirt. Verify that WDR/HDR settings are enabled in the menu.
GPS signal is weak or not found.	Ensure the GPS antenna is properly connected and placed in an area with a clear view of the sky. Avoid placing the antenna near metal objects or other electronic devices that might cause interference.
Wi-Fi connection issues.	Ensure the WOLFBOS app is updated to the latest version. Restart both the dash cam and your smartphone. Check your phone's Wi-Fi settings to ensure it's connected to the dash cam's Wi-Fi network.

7. SPECIFICATIONS

Feature	Detail
Model Name	G840S
Front Camera Resolution	4K UHD (2160p)
Rear Camera Resolution	1080p
Display Screen	12-inch LCD Touch Screen
Front Lens Angle	170° Wide Angle
Rear Lens Angle	140° Wide Angle
Wi-Fi Frequency	5.8GHz
G-Sensor	Built-in 3-axis G-sensor (3 levels of sensitivity)
Storage	Supports up to 32GB MicroSD card (32GB included)
Power Port	USB-C
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Product Dimensions	11.85 x 2.83 x 0.71 inches
Item Weight	1.83 pounds

8. WARRANTY AND SUPPORT

WOLFBOS products come with a **12-month warranty** from the date of purchase. We also offer a **7-day return policy** for products that are not defective. Returns on defects are handled according to our policy.

For any questions, technical assistance, or warranty claims, please contact our professional customer service team:

- **Email:** service@wolfbox.com
- **Phone:** +1 888 296 8399

Our team is committed to resolving any issues within 12 hours.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

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.

Submit question