V2.2

WOLFBOX

Drive on. Always on.

G850

MIRROR DASH CAM

User Manual

wolfbox.com

The information in this manual is subject to change without notice.

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Precautions

1. For further inquiries, please contact our customer service via email at **service@wolfbox.com**.
2. Please use original accessories to avoid compatibility issues and insufficient current supply from non-compatible accessories. For example, 2-in-1 or 3-in-1 cigar sockets will not provide enough current to the device.
3. Please do not tamper or splice the rear camera wire for the purpose of extension, as the rear image/feed to the display may be lost. The length of the included cable for the rear camera is 20 feet, and is suitable for most types of cars.
4. If you wish to use a micro SD card with a capacity > 32GB, Please change the micro SD card [Class10 (10MB/s) required] format to FAT 32 on PC.

Warnings

- Keep small accessories out of the reach of children. If this product is damaged or malfunctions, stop using it immediately and contact WOLFBOX support. Continued use may cause fire, electric shock or vehicle failure.
- This product is intended to be used as reference material in the event of an accident. We do not guarantee its effectiveness or admission as complete evidence.
- Please note that this product may infringe on privacy and other rights depending on how it is used. We are not responsible for any cases where this product infringes on privacy or other rights.
- This product is for DC12V/24V vehicles only.

- The specifications and appearance of this product are subject to change without notice for improvement.

Product Overview

- Thank you for choosing WOLFBOX G850 Mirror Dash Cam. This product provides a high-quality image and captures irrefutable evidence in the event of an accident, and records the beauty along the way for you.
- WOLFBOX is a professional automotive supplies manufacturing company. We have worked in the field of dash cams for more than ten years. We have a team of experienced and imaginative engineers who are committed to building a reliable and trustworthy automotive supplies brand.

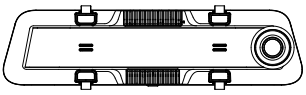
Warranty

- We are committed to giving customers the best product experience and after-sale service.
- Our warranty period is one year. If the machine parts are damaged or there are any problems during use, we will solve them in time and provide you with a satisfactory shopping experience.
  Note: The specific warranty period is subject to local laws.
- Please contact us with your online order, and we will provide free replacement and lifetime technical support.
- **Free extended warranty service:** After registering information on WOLFBOX.com, you may extend the warranty for an additional 6 months free of charge.
  URL: https://wolfbox.com/pages/warranty-form

Product Specifications

RAM	DDR3 2GB	Display Type	IPS
Video Format	MP4	Image Format	JPG
Front Camera	4K(2160P)	Rear Camera	1080P
Display Size	12''	Rear Lens FPS	25 fps
Power Interface	USB Type-C	GPS	External, 3.5mm headphone interface
Wi-Fi Connection	Supported	Voice Control	Supported
Operating Temperature	-4°F ~158°F	Full Touch Screen	Supported
SD Card	Max Support 256GB		

Package Contents



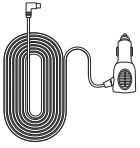
• 2160P Mirror Dash Cam



• 1080P Rear Camera



• GPS



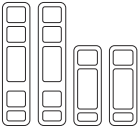
• Power Supply Cable with Car Charger



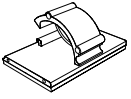
• Rear Cam Cable



• 3M Adhesive



• Rubber Straps*4

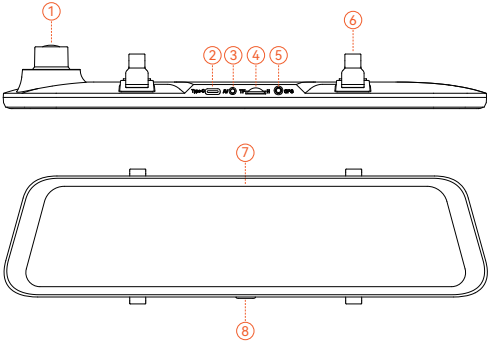


• Cable Clips*5



• User Manual

Appearance



NO.	Name	Description
1	Lens	Front lens, records the front view of the car
2	USB Type-C Port	Port for power supply/connection
3	Rear camera connector	Port used to connect the rear camera
4	TF card slot	Provides expandable storage (class 10 Max 256GB)
5	GPS connector	Used to connect GPS module (GPS function requires optional GPS antenna)
6	Fasteners	The machine can be held in position with 2 straps
7	Display screen	12" touch screen display
8	Power button	Short press to wake up/sleep, long press to power on/off

User Interface Overview



icon	Description
	Speed & Driving Direction: Once GPS is connected, the proper information will be displayed
	Date & Time
	Turn on/off the device sound
	Turn on/off Wi-Fi
	View voice command entries
	Start / Stop Recording
	Adjust the screen brighten
	Switching between front,rear and split-screen camera view
	Snapshot: Take a Snapshot
	Recording Status: Flashing yellow indicates Lock-Recording (The recorded video will not be overwritten)

icon	Description
	File Playback: Playback the video & photo
	Turn on/off audio recording
	Settings: Tap to enter the settings menu

• Playback Mode

When you power on the dash cam, it will start recording automatically. Click/select ▷ to enter playback mode.



	Stores images captured by the front camera		Stores images captured by the rear camera
	Normal Video:Select it to view recorded videos		Locked Video:Select it to check locked videos
	Photos:Select it to check photos		Select
	Delete		Lock the video
	View videos on full screen		

Feature Overview

Click the setting icon to enter the function menu, where you can adjust various functions and parameters of the entire machine.

Function	Option	Description
 Resolution	4K+1080P /2.5K+1080P /1080P+1080P	Video resolution selection.
 Display Modes	F-cam/R-cam /Split Screen	Set the default video recording interface display screen upon startup.
 Sound Record	ON/OFF	Set whether to record sound.
 Loop Recording	1 Minute/2 Minutes /3 Minutes	Set the duration for loop recording of video files.
 G-Sensor	OFF/Low/Medium /High	Set the sensitivity of the G-sensor.
 Fatigue Reminder	OFF/1 Hour /2 Hours/3 Hours	Set the time for fatigue reminder.

Function	Option	Description
 Wi-Fi	ON/OFF	Set the status of the device's Wi-Fi connection.
 Volunme Setting	OFF/Low/Medium /High	Set the volume level of the device.
 Click Tone	ON/OFF	Set the switch for key tones.
 Screen Saver	OFF/10 Seconds /30 Seconds /2 Minutes	Set the activation time for the screen saver.
 Screen Brightness	/	Adjust the screen brightness.
 Exposure	/	Adjust the contrast of the front camera.
 Voice Control	ON/OFF /Voice Command	Set the switch for voice control functionality.

Function	Option	Description
 Mirror Flip	ON/OFF	Adjust the left-right flip of the rear camera image.
 Rear cam Flip	ON/OFF	Adjust the up-down flip of the rear camera image.
 Reversing Line	ON/OFF	Set the switch for the reversing line display function.
 Parking Mode	ON /G-Trigger Recording /12H Time-lapse recording /24H Time-lapse recording /48H Time-lapse recording	Monitor the vehicle's status after the engine is turned off.
 GPS	/	Display recorded GPS data.
 GPS Display	ON/OFF	Set whether to display GPS information on the recording interface.

Function	Option	Description
 Date Stamp	ON/OFF	Set the switch for time watermark.
 Speed Stamp	ON/OFF	Set the switch for speed watermark.
 GPS Stamp	ON/OFF	Set the switch for GPS watermark.
 Speed Unit	KM/H / MPH	Set the unit for speed display.
 Language	English/Français/ Deutsch/Italiano/ Español/...	Set the language for the device.
 Clock Setting	/	Adjust the current time displayed on the device.
 Time Format	YY-MM-DD /DD-MM-YY /MM-DD-YY	Set the time display format.

Function	Option	Description
 Time Style	12 Hours/24 Hours	Set the time display system.
 Time Zone	/	Adjust the time zone based on geographical location.
 DST	ON/OFF	Set the switch for daylight saving time.
 Ficker	50 Hz/60 Hz	Set the screen refresh rate.
 Help Center	/	After-sales contact information.
 Format Reminder	OFF /Each 15 days /Each 25 days	Set the reminder for formatting the SD card.
 Format SD Card	/	Format the SD card and delete videos and photos stored on it.

Function	Option	Description
 Reset Setup	/	Restore all settings to factory defaults.
 APP	/	Provide QR code for downloading the app.
 Product Information	/	Display device information.

Note:

Parking Mode requires a hardware kit (purchased separately) in order to activate.

With the hardware kit connected and Parking Mode enabled, the dash cam will enter Lapse Recording mode when the car turns off. This mode captures video at 1 frame per second until the set duration ends or the car battery voltage drops below 12V.

Voice Control Feature

Fast control through simple voice commands.

When the recording interface displays a white icon  , it means that the Voice Control feature is activated.

You can enable/disable the voice control feature through the "Voice Control" in the menu.

lock the video	
take picture	
turn on audio	turn off audio
turn on screen	turn off screen
turn on Wi-Fi	turn off Wi-Fi
turn on recording	turn off recording
show front camera	show rear camera

Note:

You have two ways to view specific voice control commands:

1. Tap on the voice control icon  on the recording interface.
2. Tap on the "Voice Command" submenu under the "Voice Control" feature.

Play on APP (About Wi-Fi and APP)

The Wi-Fi feature has been designed so you can pair your dash camera wirelessly with your smartphone and access your recordings instantly from the dash cam. Here you can view, download and share your videos easily with your friends and family.

The app “WOLFBOX” is a free app that allows you to operate this WLAN built-in drive recorder from your smartphone.

• How to connect Wi-Fi?

1. Download the “WOLFBOX ” app

Go to the following address to download the “ WOLFBOX” app: https://wolfbox.com/app/ You may also use your smartphone to scan the QR code to go to the download page.

2. Enable Wi-Fi

Go to Settings to turn on Wi-Fi. Go to Settings to turn on the Wi-Fi. Then, the device screen will display the Wi-Fi name and password.

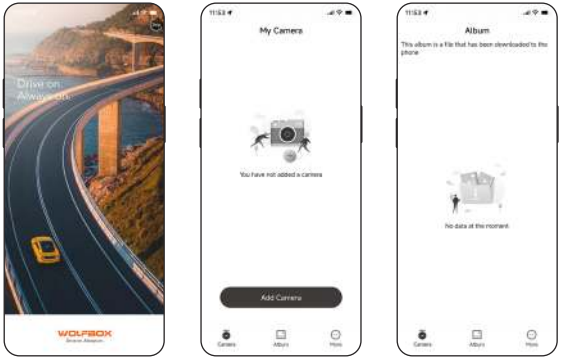
3. Connect Wi-Fi

To connect your iPhone or Android phone to the G850's Wi-Fi network,go to Settings > Wi-Fi and select G850 Wi-Fi. Then, enter the default **password: 12345678**.

4. Open the “WOLFBOX” app

Once your mobile phone is connected to the G850's Wi-Fi network,open the WOLFBOX app. The camera will sync automatically, and you should see the live video feed on your phone.

- **Edit and share Your Videos in the App**

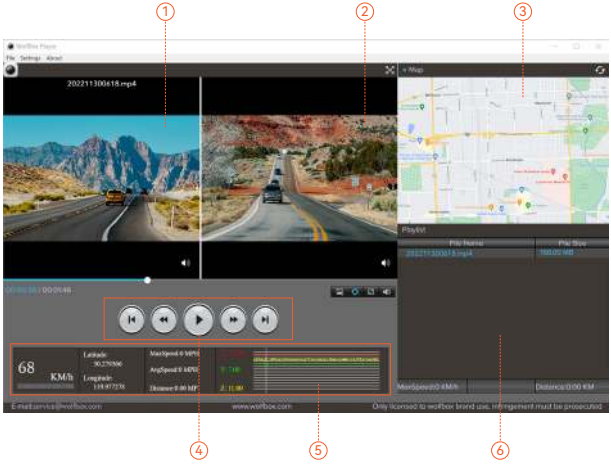


In the app, you can view and edit downloaded local albums and share them with others.

How to Play Using a Computer

We recommend the application “GPS Media Player” to watch and play dash cam videos, and view Google Maps.

You can download it for free on Mac or Windows from the following link: https://wolfbox.com/gps-player/



1. Video play window (Front)
2. Video play window (Rear)
3. Map and track display
4. Play control panel
5. Speed and driving state indication
6. Play list

Note:

If you record the front and rear dash cam videos simultaneously and add them to the playlist, you can play them side by side in split-screen mode.

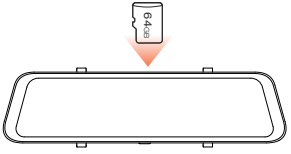
To play a video file, drag and drop it onto the video player.

Installation

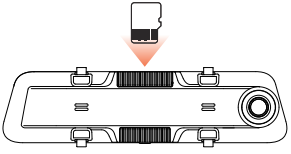
Before installing your dash cam, please test its functionality with all accessories and change the default settings to your preference.

• SD card installation

Ensure that the dash cam is powered off when inserting or ejecting the SD card.



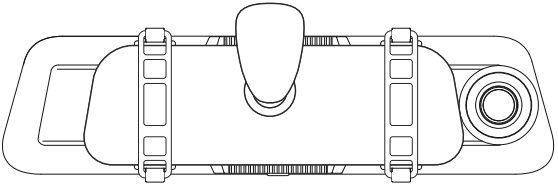
• The Front view of the host



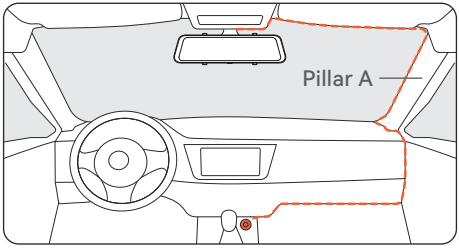
• The Back view of the host

• Unit installation

1. Place the head unit (WOLFBOX Mirror) on the rear-view mirror by hand, and be sure to separate the silicone brackets on both sides of the rearview mirror. Buckle the device to the rearview mirror with the rubber straps. Adjust the front lens to a desired angle.



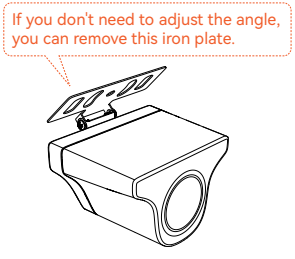
2. Connect the car charger to the charger adapter to supply power for the dash cam.



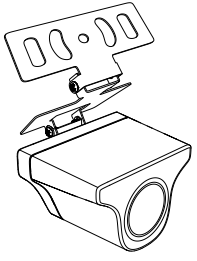
• Power ON/OFF

- Short press the power button to turn on, long press the power button to turn off.
- When using the car charger, if the cigarette lighter port is ACC, the dash cam will automatically turn on when the car is started.

• Rear camera installation

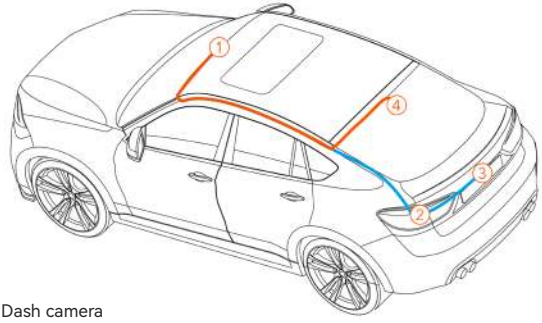


• Outside the car bracket



• Inside the car bracket

• Rear Camera Wiring Instructions

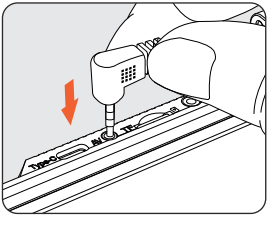


① Dash camera
② Connected to reversing light
③ Outside the car bracket
④ Inside the car bracket

Note:
The rear camera has two wire routing options, both of which conceal the wire along the edges of the door.

1. Connect the rear camera cable to the mirror

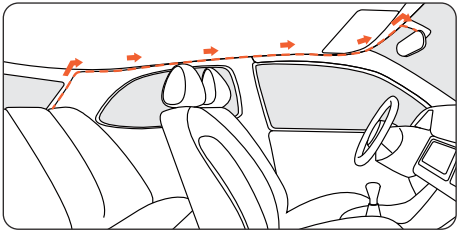
Plug the rear camera cable into the AV interface of the unit.



2. Rear camera cable routing

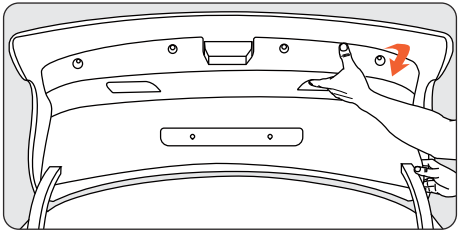
Route the rear camera cable to the rear of the car, leaving some slack. Insert the cable into the gap in the front windshield and along the upper end of the door using the included tool.

If you choose to install the rear camera inside your car, fix it on the rear windshield after routing the wiring.



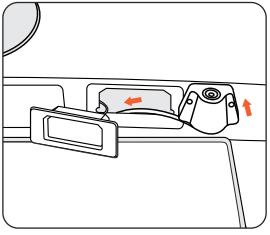
3. Remove the panel

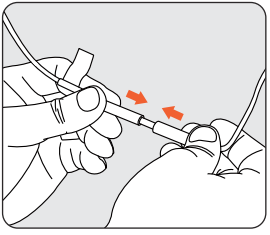
Open the trunk and remove the interior panel that covers the other side of the license plate mount area. Use a trim removal tool or other thin device to pry the panel open.



4. Fix the rear camera and connect the cables

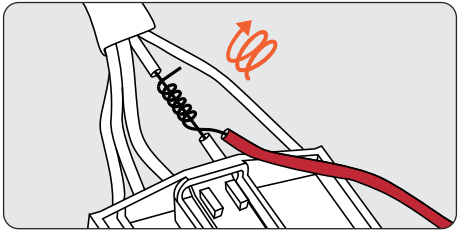
Fix the rear camera near the license plate light with 3M glue, and connect the rear camera cable through the license plate light hole to the rear camera cable.



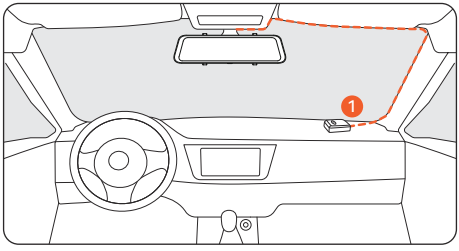


5. Connect the red wire to the reverse light's positive terminal

Find the positive terminal of the reverse light. This is the terminal that has voltage when the car is in reverse gear. To find it, step on the brakes, put the car in reverse gear and measure the voltage at each terminal. The terminal with voltage is the positive terminal. Strip the positive cable and wrap it with the red cable from the camera. Insulate the connection with electrical tape. Test the connection by putting the car in reverse gear and seeing if the dash cam enters reverse mode.



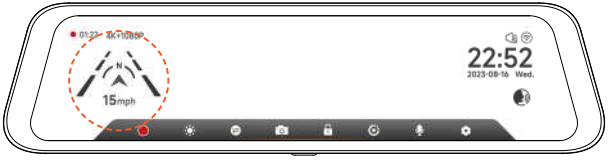
• GPS Installation



Position 1:

Install the dash cam in the right corner of the central console and hide the wiring along the edge of the front windshield using double-sided tape.

- Considering the use effect and installation convenience, we usually recommend customers install it **at position 1.**
- You may also test different locations for the dash cam to find the one that works best for you. Just make sure that the black side is facing up to receive the GPS signal.
- Once the GPS is installed, the GPS icon on the home screen will appear. After the GPS signal has been received, the device's GPS will show direction and speed.



Trouble Shooting

- **Can the Wi-Fi feature be obtained by upgrading the firmware?**

  The G850 Wi-Fi is a hardware upgrade from a previous version, and its Wi-Fi feature cannot be available through a firmware upgrade.

- **Can rear camera images be transmitted wirelessly?**

  The G850 Wi-Fi comes with a rear camera cable through which the rear camera video is transmitted. The Wi-Fi feature is only used to connect the phone to the dash cam.

- **Is it possible to monitor the vehicle remotely via Wi-Fi on the G850?**

  Considering the limited Wi-Fi range, it is not possible to monitor the vehicle remotely via the App connecting to G850.

- **Rear camera image blurred or not detected?**

  For "Blurred rear image" issue, please make sure that the protective film on the lens is removed and wipe the lens with a cleaner. If the focusing issues are caused by high temperatures, please contact us for support.

  If you are getting a "Rear camera not detected" error, check the AV input on the top of the mirror and the rear camera cable for damage, especially at the connector.

- **How to connect the unit to App via Wi-Fi?**

  1. Please make sure that Wi-Fi is turned on manually in settings.
  2. Search for "WOLFBOX" in the app store to download the latest version of the app.
  3. Check the Wi-Fi list on your smartphone to see if the network named "WOLFBOX" can be found.
  4. If the app displays "Connection Failed", please find “Get Support” in the app to contact us.

Customer Service Center

If you have any problems with the function or installation, please contact us with any questions.

Help Center

WhatsApp

WOLFBOX

For more information:

service@wolfbox.com

www.wolfbox.com

https://wolfbox.com/contact-us

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However. there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

--Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be

installed and operated with minimum distance of 20cm the radiator your body. This device

and its antenna(s) must not be co-located or operation in conjunction with any other antenna nr transmitter.

The device for the band 5745-5825 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

IC warning:

This device contains licence-exempt transmitter(s)/receiver(s)/ that comply with Innovation Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1) this device may not cause interference and

2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure: This equipment complies with Canada radiation

exposure limits set forth for an uncontrolled environment; To maintain compliance with IC's RF Exposure guidelines.

This equipment should be. installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Déclaration de l'ISED Canada :

Cet appareil contient des émetteurs / récepteurs exempts de licence qui sont conformes aux RSS exemptes de licence d'Innovation, Sciences et Développement économique Canada. L'opération est sous réserve des deux conditions suivantes :

(1) . . .cet appareil ne peut pas causer d'interférences et

(2) . . .ce dispositif doit accepter toute interférence, y compris

peut provoquer le fonctionnement indésirable de l'appareil.

Exposition aux rayonnements : Cet équipement est conforme aux radiations du Canada

Les limites d'exposition pour un environnement incontrôlé Pour maintenir le respect des guides d'exposition RF d'IC, cquipment doit être.installé et actionné avec une distance minimale de 20cm le radiateur de votre corps. Cet appareil et ses antennes ne doivent pas être co-localisé ou en opération en conjonction avec toute autre antenne ou émetteur

WOLFBOX

Drive on. Always on.

Check us out here!
Product and service are the foundation of WOLFBOX.

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

www.wolfbox.com