

WOLFBOX

Drive on. Always on.

Mirror Dash Cam G900

User Manual

V01

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 not cause interference.
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 tasmittre (s) / récepteur (s) sans licence / conformes à l'innovationRSS exemptes de licence de 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. Cet 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 limites d'exposition pour un environnement incontrôlé noncé d'exposition RF 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.

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Getting Started

Please read the instructions before operating.











- ▶ Please use the original power cable provided in package, do not use other power cables.
- ▶ Please check the functionality of dash cam with its all accessories before installation. If you want to find a professional for installation, please check the function first, so as to prevent the inconvenience and installation cost loss caused by the machine problem after the installation.
- ▶ Please use original accessories provided in the package, just in case of compatible issues after using others', especially use 2 or 3 in 1 cigar socket will lead to 100% insufficient current supply.
- ▶ Please don't splice rear camera wire for extension, the monitor may lose the rear image. The length of original cable for rear camera is 20 feet, suitable for most types of cars. We also have 33 feet rear camera extension cables sold separately.

- ▶ If the machine cannot be turned on after the power is turned on, please keep the power on and reset the machine. Please CONTACT US if it still doesn't work.
- ▶ How to transfer videos to PC ? Insert memory card via card reader to your PC/MAC to view or download them. We recommend that you use a dedicated video player to watch the video. You can get it free at : <https://wolfbox.com/gps-player/>

NOTE:

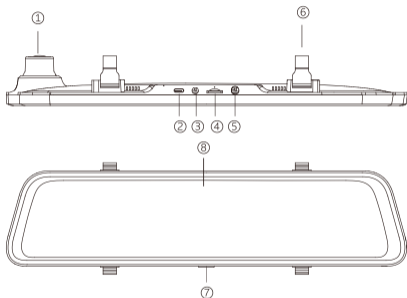
- ▶ Do NOT use Windows Media Player . It is NOT made to play 4K videos hence , your video playback will lag.

PACKAGE CONTENTS

| | | | | |
|--|---|--|--|---|
|  <p>1*2160P Mirror Dash Cam</p> |  <p>GPS Receiver</p> |  <p>Backup Camera Cable (6.5m) *1</p> |  <p>Car Charger *1</p> |  <p>3M Sticker*1 Mount Bracket*1 Screws *4 (Inside of Vehicle)</p> |
|  <p>Backup Camera *1</p> |  <p>Straps *4</p> |  <p>Mirror Dash Cam G900 User Manual</p> <p>User Manual*1</p> |  <p>Tool *1</p> |  <p>Cleaning Cloth *1</p> |











Tip: In addition to the original accessories in the package, we also provide the separate hardware kit (for parking monitoring and replacement chargers), rear camera extension cable, and rear camera mounting bracket in the car (which you can use to attach the rear camera installed in the car). If you need these accessories, please feel free to contact us.

OVERVIEW



| NO. | Name | Description |
|-----|------------------|--|
| 1 | Front Camera | Record the front view of the vehicle |
| 2 | Power connector | Power Supply Port(Type-C) |
| 3 | Rear Camera Port | Port used to connect the rear camera |
| 4 | TF card slot | Provide extensible storage (class 10 Max 256GB) |
| 5 | GPS port | Used to connect GPS port(GPS function requires optional GPS antennal) |
| 6 | Fasteners | The machine can be fixed with 2 straps |
| 7 | Power button | Short press to wake and turn off the screen, long press to turn on and off the power |
| 8 | Display screen | 11.8 inch touch screen display |



| | | | |
|---|--|---|---|
|  | Start/Stop Recording: Record and save every precious moment |  | Sound Record is on Sound Record is off |
|  | Photograph: Take photos one moment |  | Display time/date |
|  | Click for emergency recording |  | GPS icon: green, when it has GPS signal; white, when it has no signal |
|  | Video/Photo Playback: Playback the video & Photo |  | Recording status |
|  | Menu Settings: Touch and select the appropriate settings and functions |  | GPS Status: Once gps antenna connected, the GPS icon on the home screen will show |

About the Micro SD Card

When using a new Micro SD card, be sure to format it on the main body.

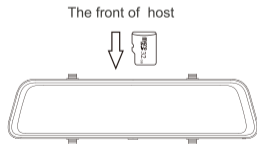
- ▶ Do not remove or insert a Micro SD card while the power is on.
- ▶ Use a Micro SD card with Class 10 or higher(8GB-128GB).We have 32GB SD card (Asin: B09Q87X76V) 128GB SD card (Asin: B0B7KWW4CJ) for sale.
- ▶ For stable use, it is recommended to format the micro SD card regularly Recommend: Once a month.

NOTE:

- ▶ Please format the card in the dash cam, not on PC.
- ▶ Formatting will erase all recorded data.

Pay attention to the orientation of the Micro SD card and insert it into the slot (the side with the metal strip faces the back of the dash cam)

Make sure that the micro SD card is securely inserted inside the slot.

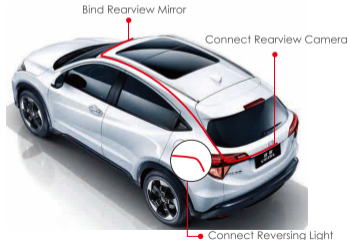
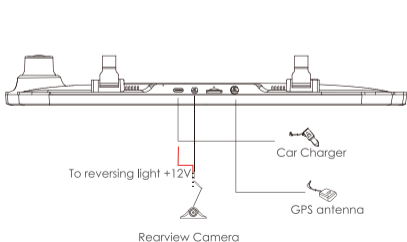


- ▶ Insert until you hear a click.
When removing the micro SD card, push in the micro SD card first and then pull it out after the micro SD card pops out a little.

Installation

Please check the functionality of dash cam with its **all** accessories before installation.

When you use the dash cam for the first time, the dash cam comes with factory default settings and you do not need to set it manually.



How to install the rear camera

1. Fix camera with screws/3M gule

Find a best location, use screws/3M gule to fix the rear camera near by the car license plate lamp.



2. Remove the Panel

Remove the inner panel of the trunk to expose the rear wiring compartment of the car. Open the trunk and look for a sturdy inner panel covering the other side of the license plate installation area. Then, insert a decorative removal tool or another thin device behind the panel and pry it apart.



3. Snake the cable

Use a trim removal tool to pop out tailgate trim, then run the cable from outside of the car into the trunk of your car.



4. Connect the rear camera's power cable to the extension cable. After snaking your rear camera's extension cable, connect the power cable to your rear camera's extension cord. **If you need to install a trigger cable to activate the reversing guidelines, please find the positive cable of the reversing lamp or ask a professional for help.**



NOTE:

- ▶ We suggest to install outside the car, the effect inside the car is far worse than outside the car.

Placement of rear lens inside car

We suggest to install outside car, not inside

1. Confirm the accessories
1 pc mount bracket (2 pcs black iron sheets)
4 pcs screws (2 pcs small screws, 2 pcs large screws)



2. Place a iron sheet over the rear camera, aim it at the hole, and screw it on.



3. Join the two iron sheets together and turn on the screws.

4. Stick the bracket to the rear windshield with 3M glue



Placement of rear lens outside car

We suggest to install outside car, not inside



1. Tear off the release paper of 3M sticker on Rear lens.
2. Paste the rear lens directly above the license plate.

NOTE:

- ▶ After testing, our 3M glue is sufficient to support the weight of our rear camera.

How to install the mirror dash cam

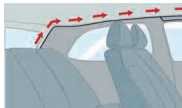
1. Attach the upper end of the straps to the retaining hooks on the top of the rear-view mirror.



2. Extend the straps around the back of the rear-view mirror and attach them to the bottom retaining hooks.



1. Route your rear camera's power cable to the front of the car. If you'd like, use a trim removal tool to pop out the headlining panel directly above your windshield. Then, run your cable through the exposed chamber.



2. Power on the dash cam with box included car charger, don't charge it with your own chargers.



3. Test the camera to make sure everything works.



4. Installation method (Note: GPS module is facing up, placed on the instrument panel).



CAUTION:

- ▶ Connect the cigar plug cord connector in the correct orientation. Connecting in the wrong direction may cause malfunction or damage. If you cannot connect successfully, check the connection part carefully before connecting.

Q: Why is the front lens picture so dark?

A: Please check if your front camera is facing the sky. If the lens is facing the sky, it will automatically reduce the light reception, causing the screen to darken.



Facing the sky



Adjust the front lens downward

How to install the GPS

1. GPS front and back



2. Installation location

Considering the use effect and installation convenience, we usually recommend customers to install it at position 1. Of course, you can also try to install it in other locations for testing, and choose the location you think is most suitable.



GPS Working



When GPS is not connected: There's nothing there



| When GPS is connected | |
|-----------------------|--|
| No signal |   |
| White icon | |



| When GPS is connected | |
|-----------------------|--|
| Great signal |   |
| GREEN icon | |

Q: Why is my GPS not working? /How to use GPS ?

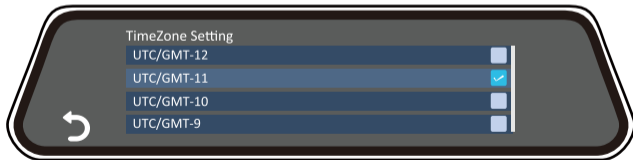
A: If you cannot receive the signal after inserting the GPS, please follow the steps below.

1. The vehicle must be within a large area.
2. Insert the GPS plug again.
3. Place the GPS plug upward.
4. Restart
5. It will be recognized after about 40 seconds.

If still cannot receive the signal, it may be a GPS problem. Please CONTACT US and we will help you solve this problem.

Date&Time Setting

TimeZone Setting



It will automatically update the time according to your location and time zone due to GPS, so you do not need to manually change the time. But you can adjust the daylight saving time by changing the time zone.

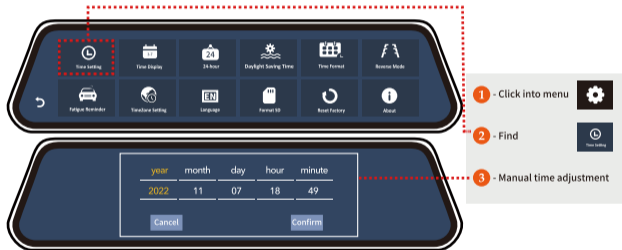
Time Zones - GMT (Greenwich Mean Time) Values

| | | | | |
|--------------|------------|--------------|--------------|--------------|
| UTC/GMT-12 | UTC/GMT-11 | UTC/GMT-10 | UTC/GMT-9 | UTC/GMT-8 |
| UTC/GMT-7 | UTC/GMT-6 | UTC/GMT-5 | UTC/GMT-4:30 | UTC/GMT-4 |
| UTC/GMT-3:30 | UTC/GMT-3 | UTC/GMT-2 | UTC/GMT-1 | UTC/GMT+0 |
| UTC/GMT+1 | UTC/GMT+2 | UTC/GMT+3 | UTC/GMT+3:30 | UTC/GMT+4 |
| UTC/GMT+4:30 | UTC/GMT+5 | UTC/GMT+5:30 | UTC/GMT+5:45 | UTC/GMT+6 |
| UTC/GMT+6:30 | UTC/GMT+7 | UTC/GMT+8 | UTC/GMT+9 | UTC/GMT+9:30 |
| UTC/GMT+10 | UTC/GMT+11 | UTC/GMT+12 | | |

If you need a special time zone or need any help, please CONTACT US.





NOTE:

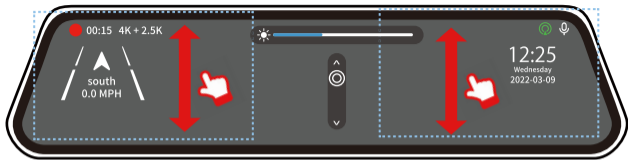
- ▶ The time is automatically adjusted when GPS is connected. If you are not connected to GPS, manual setup is required.



With GPS connected:

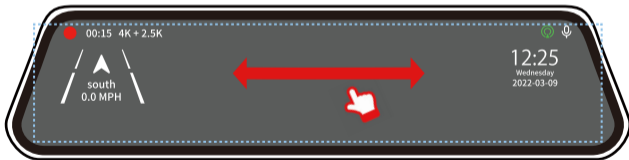


| | | | |
|---|--|---|--|
|  | Speed & Driving Direction: Once GPS is connected, the information, will show |  | Date & Time |
|  | Settings: Touch to enter the menu setting |  | Recording Status: Yellow flashing means Lock Recording |
|  | File Playback: Playback the video & Photo |  | Audio Record is on |
|  | Start / Stop Recording |  | Button's beep sound status |
|  | Snapshot: Take a Snapshot |  | GPS Status: Once the GPS signal is successfully received, the icon will turn GREEN. Otherwise, it turns WHITE. |



On the **LEFT** side of the screen: Slide up and down to adjust the angle of view.

On the **RIGHT** side of the screen: Slide up and down to adjust the brightness.



Anywhere on the screen: Swipe the screen left or right to switch between front view, rear view, or split-screen view.

NOTE:

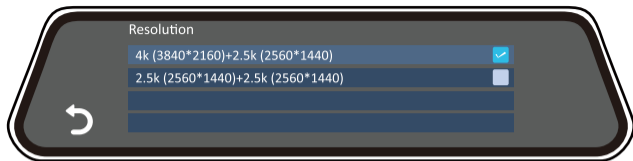
- ▶ Ensure that the rear camera is connected


Power ON/OFF

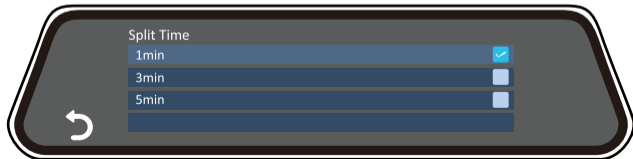
- ▶ If you turn on the engine (ACC on) while the cigar power adapter is connected, the power will be turned on automatically and the opening screen will be displayed.
- ▶ Press and hold the power button to turn off the power during startup, and then briefly press the power button again to turn on the power of the unit and display the opening screen.
- ▶ Briefly press the power button to turn off the screen.


Menu Settings

After powering ON the camera, press the  button to enter the setup process.




| Icon | Function | Function options |
|---|--|--|
|  | Adjust the video recording resolution. | 4k (3840*2160)+ 2.5k (2560*1440) 2.5k (2560*1440)+ 2.5k (2560*1440) |

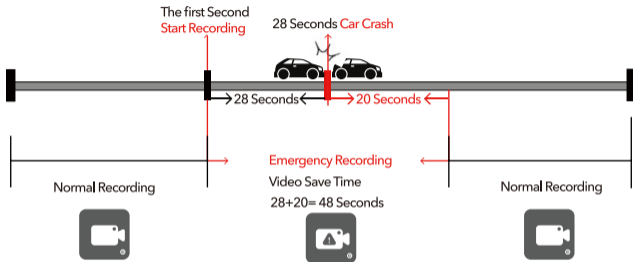


| Icon | Function | Function options |
|---|-------------------------------------|-----------------------|
|  <p>Split Time</p> | Adjust the loop recording duration. | 1 min / 3mins / 5mins |



| Icon | Function | Function options |
|---|---|------------------------------|
|  <p>G-Sensor Sensitivity</p> | Adjust the sensitivity of G-sensor. It is recommended to adjust to "Low". | OFF LOW Middle High |

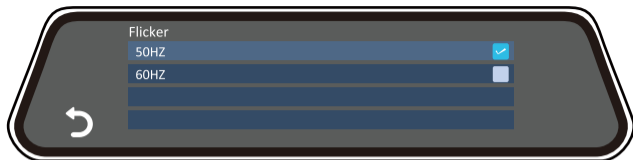
Gsensor detects the impact and performs fixed time video recording for 20 seconds. Emergency video recording time is the video file before impact + 20 seconds of emergency video.




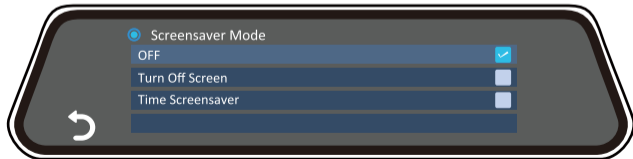
When the car crashes at 28 seconds, the normal recording time is 28 seconds, and then the G-sensor detects the impact for 20 seconds, so the emergency recording time is 48 seconds.

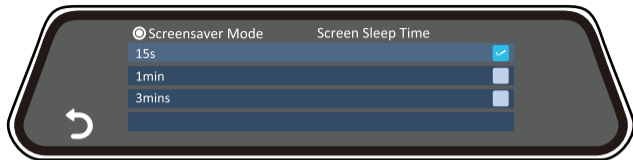
NOTE:


- ▶ The G sensor detects the impact above the set value, and the LED light starts to turn yellow and go off, which is recorded as an "Emergency Video".

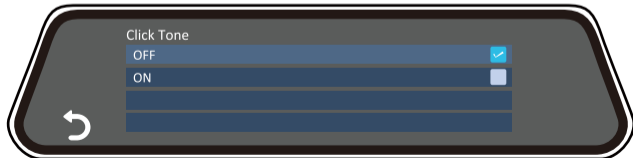



| Icon | Function | Function options |
|--|----------|------------------|
|  <p>Flicker</p> | / | 50Hz 60hz |






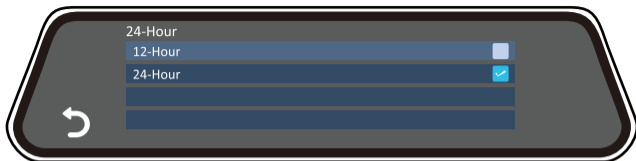
| Icon | Function | Function options |
|---|---|--|
|  <p data-bbox="335 578 532 598">Screensaver Mode</p> | <p data-bbox="649 484 914 594">Set the status of the screen display when recording.</p> | <p data-bbox="982 453 1114 480">OFF: No</p> <p data-bbox="982 491 1250 518">Turn Off Screen:</p> <p data-bbox="982 528 1250 555">15s / 1min / 3mins</p> <p data-bbox="982 565 1250 592">Time Screensaver:</p> <p data-bbox="982 602 1250 629">15s / 1min / 3mins</p> |




| Icon | Function | Function options |
|---|----------|------------------|
|  <p>Click Tone</p> | / | OFF ON |




| Icon | Function | Function options |
|--|--|--------------------------|
|  <p>Rear Image Adjustment</p> | Flip the recording direction up and down or horizontally | Rear Flip Rear Mirror |



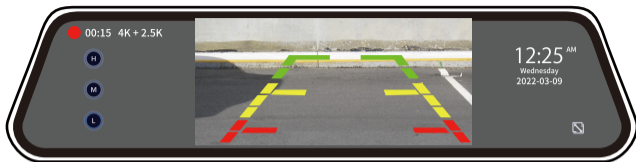
| Icon | Function | Function options |
|--|-------------------------------|--------------------|
|  <p>24-Hour</p> | 12-Hour / 24-hour time format | 12-Hour 24-Hour |



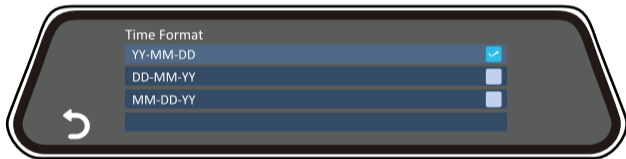
| Icon | Function | Function options |
|---|-------------------------------|---|
|  | Screen display when reversing | Full-Screen display Panorama display |




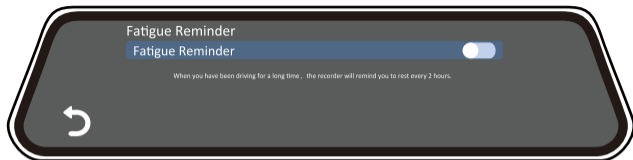
Full-screen reversing mode




Panorama reversing mode

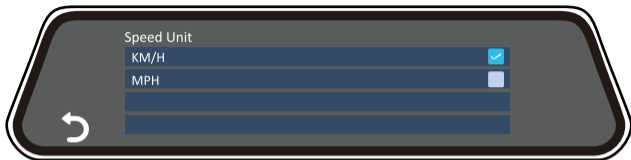



| Icon | Function | Function options |
|---|----------|----------------------------------|
|  Time Format | / | YY-MM-DD DD-MM-YY MM-DD-YY |

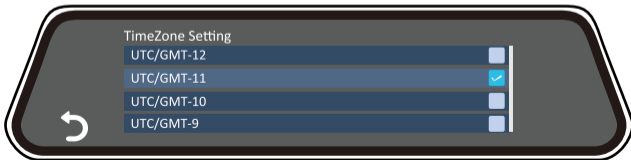



| Icon | Function | Function options |
|---|--|--|
|  <p data-bbox="340 581 532 603">Fatigue Reminder</p> | <p data-bbox="612 453 944 640">When you have been driving for a long time, the recorder will remind you to rest every 2 hours.</p> | <p data-bbox="1105 536 1121 562">/</p> |

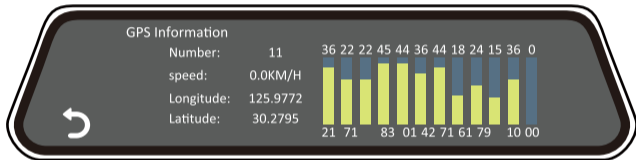
The following 4 icons will appear only after the GPS is connected




| Icon | Function | Function options |
|--|------------------------------------|------------------|
|  Speed Unit | Set the vehicle speed displaymode. | KM/H MPH |




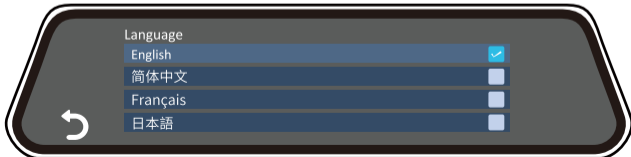
| Icon | Function | Function options |
|---|--|------------------|
|  <p>TimeZone Setting</p> | Set the current time zone (Default Time Zone GMT5:00). | All time zones. |




| Icon | Function | Function options |
|--|---|------------------|
|  <p>GPS information</p> | Check the GPS signal reception details. (Number, Speed, Longitude, Latitude). | / |




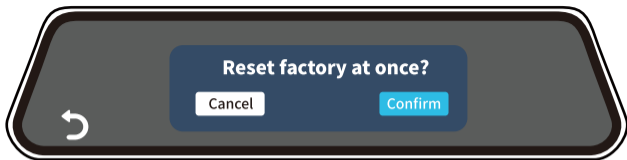
| Icon | Function | Function options |
|---|--|------------------|
|  <p>GPS Display</p> | Set whether the GPS icon is displayed on the screen. | OFF/ON |




| Icon | Function | Function options |
|---|--|---|
|  | Set the common language, the default is English. | English/简体中文/Français/日本語/Español/Deutsch Italiano/繁體中文/한국어 |




| Icon | Function | Function options |
|---|--------------------|-------------------|
|  | Format SD at once? | Cancel Confirm |



| Icon | Function | Function options |
|---|-------------------------------|-------------------|
|  | Restore the initial settings. | Cancel Confirm |



| Icon | Function | Function options |
|---|-------------------------------|-------------------|
|  | Restore the initial settings. | Cancel Confirm |

NOTE:

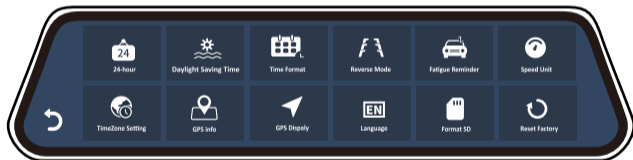
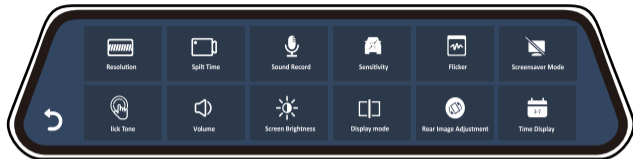
- ▶ We will continue to update the firmware based on customer feedback.

About Hardwire Kit

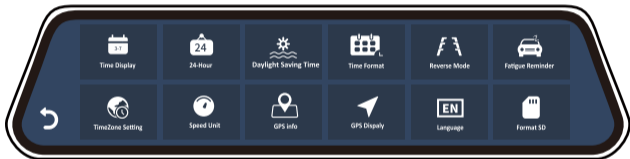
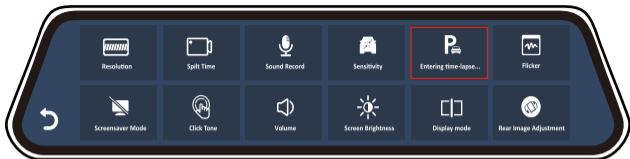
The Parking Mode function requires a G900 hardwire kit activate. If you need this function, please connect the hardwire kit.(CONTACT US to get G900 hardwire kit)



When G900 Hardwire Kit is not connected



After G900 dedicated hardware kit is connected, the icon "enter time lapse" will occur on the screen.



When you click into  there will be the following options :




| Entering time-lapse... : | | |
|--------------------------|-------------------|-----------------|
| Option1 | OFF | |
| Option2 | G-sensor working: | Low/Middle/High |
| Option3 | Lapse Record: | 12h/24h/48h |

Entering time-lapse... :
OFF/Low/Middle/High
(the Sensitivity of G-sensor)

Lapse Record:
OFF / 12H / 24H / 48H
(Set the continuous shootingduration
of the time-lapse video *Up to 48 hours*)

Playback Mode

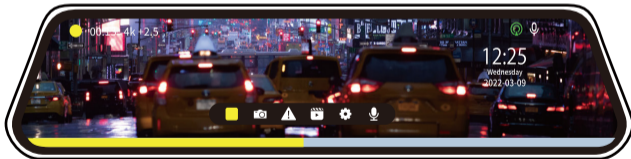
When you turn on the power, the dash cam will start recording automatically. Click  to enter the playback mode.

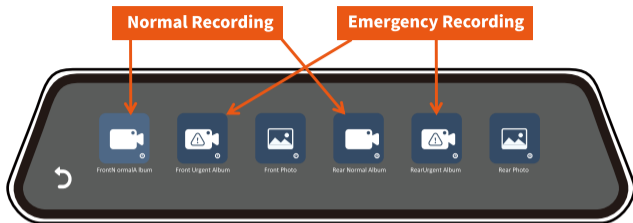
Playback menu

①



② Emergency Recording





- ① Front Normal Album
- ② Front Urgent Album

- ③ Front Photo
- ④ Rear Normal Album

- ⑤ Rear Urgent Album
- ⑥ Rear Photo

CAUTION:

- ▶ The front-view video and the rear-view video are displayed in different file lists.

You need to click



to switch between the front-view video list and the rear-view video list.

Play on Computer

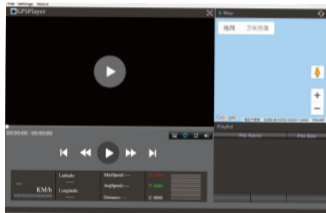
Correct Video Player to Play 4K Videos

We recommend GPS Media player which can view google maps. You can get it free. Mac/Win

Version Download: <https://wolfbox.com/gps-player/>

CAUTION:

- ▶ If you encounter problems during use please CONTACT US.



Trouble Shootings

Help Center:



Please feel free to contact our customer support at <https://wolfbox.com/contact-us/> . Most emails are typically replied within 10 hours. However, all questions are answered within 24 Hours.

QR Code:



Why rear camera cannot be detected?

1. Please confirm whether the rear cable is installed correctly, pay attention to whether the 4pin connection position is loose and whether the position of the host and the rear camera mouth is loose. Please try to reconnect.
2. If still not work after reconnection, there may be a problem with the cable. Because when wiring in the car, it may cause the metal wire in the rubber to bend and cause a short circuit. Please CONTACT US and we will solve it for you.

Why can't it automatically switch to the rear camera when reversing or why can't the reversing line appear

1. Check if the 4pin is loose, and if the rear camera port of the dash cam is loose.
2. Check whether the red wire of the rear camera cable is connected to the positive pole of the reverse light, please do not connect it to the brake light or other.
3. If the connection is correct, please use a tester to measure whether the voltage is output from the reversing light when in reverse gear.

Card Error

G900 records in UHD 4K image quality, with a large amount of data transmission. We recommend you to buy the SD card we sell, 32GB SD card (Asin: B09Q87X76V) 128GB SD card (Asin: B0B7KWW4CJ). Make sure the card is insert correctly, restart the machine. Please CONTACT US if you still have card problems.

Video is fuzzy

Please make sure the lens of the camera is clean and there is no dirt or grease on the windshield also. If the lens is out of focus, we are extremely sorry in advance. This can be a manufacturing defect. Please send us an email with a screenshot or a sample video so we can get this resolved for you ASAP.

Camera turns ON/ OFF frequently automatically

Your WOLFBOX Dash Cam has Loop Cycle Recording. When it is set to either 1, 3 or 5 -mins, it will delete oldest files and record newer files over and over when the memory card is full.

Camera Locks many videos automatically.

Please change your G-Sensor Setting to lower setting. This setting depends on type of car or truck you are driving and how much vibration your car/truck is creating based on suspensions and road condition.

My Video playback on PC is lagging.

Make sure you have use the dedicated GPS Player. You are viewing high-bit rate version of video files. Slower PC may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still persists.

GPS can not be received

It may be difficult to receive GPS signals in tunnels or in valleys of buildings, and also difficult to receive GPS signal immediately after starting this unit Please check again after a while. Please CONTACT US if you still have problems.

ONE YEAR LIMITED WARRANTY

We are committed to giving customers the best product experience and after-sale service. We would like to provide One full year of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

Please CONTACT US with your online order, and we will provide free replacement and lifetime technical support. Besides, you can also get free accessories from us.

Product Specifications

| | | | |
|----------------------|---------------------------------|--------------------|--------------------------------|
| Item Name | 11.8" Stream Mledia Dash Camera | Display Resolution | Front 3840*2160 Rear 2560*1440 |
| Model | WOLFBOX G900 | The Speaker | 8Ω 1W |
| NAND Flash | SPI NOR FLASH 128Mb | MIC | 4015 |
| Display/Touch Screen | 11.8 Inch | | |

Features

| | | | |
|----------------------|--------------|--------------------------|-------------------------------------|
| Rearview camera | WDR | Video Format | MP4 |
| Full Screen Touch | Yes | Image Format | JPG |
| GPS Trajectory | Yes | Storage Compression Mode | H.265 |
| Button | Power button | The Battery Type | Farad Capacitance 5.5V 4.5F |
| Taking Pictures | Yes | ACC | Support ACC control of Hardwire Kit |
| Camera Rotation | Yes | Working Temperature | -20°C~ 70°C |
| Automatic Astem View | Yes | | |

Software Support

| | | | |
|----------------------------|--------------------------|-------------------------------|-----------|
| Language Support | Multilingual Translation | Rear Camera Video Quality | 2560x1440 |
| G-Sensor | Yes | Photo Resolution | 8M (Max) |
| Loop Video | Yes | Working Voltage | 5 (V) |
| Recording Function | Yes | The Minimum Power Consumption | 200uA |
| Front Camera Video Quality | 3840x2160 / 2560x1440 | | |

Check us out here!
We have professional customer service!



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