GATOR

G4KDVR**50**

QUICK START GUIDE

For more information on the Gator range go to our website

gatordriverassist.com

INCLUSIONS:
Dash Cam, GPS Power Cable, Rear Camera, Rear Camera Cable, Adhesive Surface Mount, Hardwire Kit with Fuse Taps, Rear Camera Cable, 64GB Micro SD Card

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Product information

For more information, videos and user guides, visit our website, gatordriverassist.com/G4KDVR50 or scan the following QR code:

Please ensure that you have read the product manual and instructions prior to installation and use. Failure to do so may result in the product incorrectly operating or an installation that renders the device unusable.

Product overview

The Gator G4KDVR50 Ultra High Definition Dash Cam has been designed to provide high definition recordings of your road trips for security and evidence in the case of an accident. This Dash Cam mounts to the windscreen and records footage onto a memory card. It has a built-in WiFi interface that connects it wirelessly to your smartphone. This device operates through a user interface on your smart phone via the Gator Dash Cam App. (downloaded from the Apple App Store or Google Play Store).

Product features

- ☐ 4K UHD 3840*2160P @ 30FPS
- ☐ Front camera 130 Degree wide angle lens
- ☐ Rear camera 120 Degree wide angle lens
- ☐ WiFi enabled (5Ghz)
- ☐ WiFi Via free App to Smartphone
- ☐ Hand gesture photo / video function
- ☐ Time and date stamp
- ☐ G-Sensor function
- ☐ Parking Mode (optional GHWCUSB2/GHWCOBD2 req)
- ☐ GPS data recording
- ☐ Super capacitor
- ☐ Seamless cycle loop recording
- ☐ Type-C USB interface/ Hardwire Kit with Fuse Taps
- ☐ Adhesive car mount
- ☐ 64GB Memory card (Supporting SDHC Card up to 256GB)

System contents

Gator Dash Cam &
Adhesive Mount

Dash Cam GPS
power cable

Mounting Bracket

Rear camera

Hardwire Kit with Fuse Taps

Rear camera cable

64G Micro SD
Card

Product structure
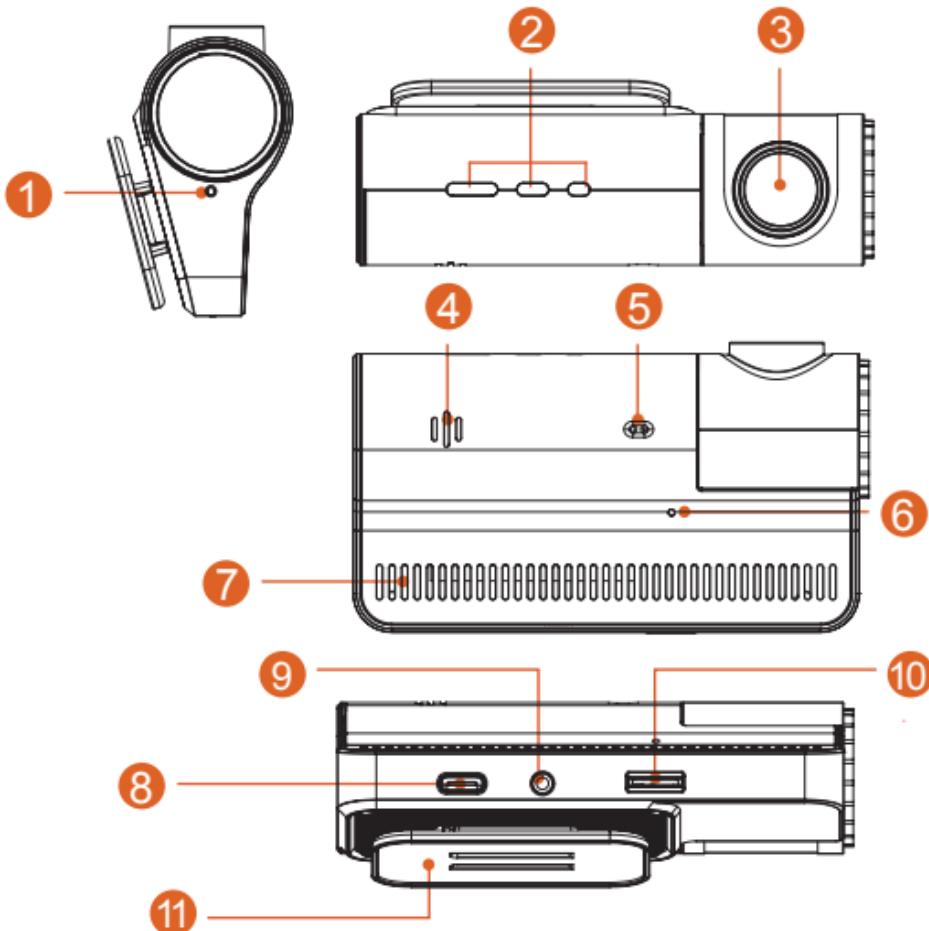
1) Reset
2) Security LEDs
   *(active when recording.
   Cannot be turned off)*
3) Camera lens
4) Speaker
5) Hand gesture sensor
6) Microphone
7) Heat vent
8) Type-C USB power input
9) Rear Dash Cam input
10) Micro SD card slot
11) Mounting base

Installation of Dash Cam

1. Place mounting bracket onto the Dash Cam by sliding on fixing point. Orientate the device so the when you attach it to the wind screen, the USB socket is on the right hand side (looking from inside the car) and its lens is on the left. The the Hand Gesture Sensor faces down.

2. Fix the device onto a clean part of the windscreen toward the centre where the vision is not obstructed. (Make sure its VERY clean to ensure proper adhesion). A place close to the rear-view mirror is ideal in most cases. Do not install the device near an airbag. (Airbags are often installed along the outer left- and right-hand sides of the windscreen).

3. Insert the included Micro SD card into the Dash Cam

4. Insert the Type-C USB end of the GPS power cable into the Type-C USB socket of the Dash Cam. Remove backing off 3M tape of GPS cable and fix to window. Connect the full-size USB plug from the Dash Cam into the USB socket of the USB input of the Hardwire kit. Connect the Hardwire kit into free fuse sockets in the vehicles fuse box, using the appropriate fuse taps. Both must be used. Red fuse tap to 12V Accessories. Yellow fuse tap to the 12V constant. Connect the Black earth wire to a metal grounded part of the vehicle.

5. Rotate the Dash Cam Camera direction so that it is facing forward and slightly down from horizontal. Later, using the App, you can align it exactly so that 1⁄4 of the vehicles bonnet is visible at the bottom of the Cameras image.

6. Turn the vehicles ignition to accessories, the Dash Cam should automatically power ON, you will hear an audible tone once powered. (Some 12V sockets require ignition on).

7. A red LED will start flashing and recording will start. The unit records footage in small blocks. When the card is full, the unit will replace the oldest recordings with the newest footage as it is recorded. The available history is dependent on the size of the SD cards capacity.

8. The Dash Cam starts recording automatically when it receives power from the power adapter.

Once power is turned off (when you turn the car off), the Dash Cam will use its on-board super capacitor to save the current file and then turn itself off.

Installation of rear view camera

1. Insert the rear camera cable into the video input of the Dash Cam and test.
2. Then run the cable to the rear cameras location.
3. Fix the cable along the ceiling or A-pillar where it can be safely hidden. (Drivers side)
4. Then mount the rear camera to the inside of the vehicles window, with the cable input facing driver side.

Cable Direction

Downloading the Dash Cam WiFi App

On your iOS or Android smartphone, search for the **"Gator Dash Cam App"**. Scan the QR code below for the suitable smartphone APP for your device.

Gator Dash Cam App store download
https://apps.apple.com/au/app/gator-dash-cam/id1541941092

Gator Dash Cam Google Play download
https://play.google.com/store/apps/
details?id=au.com.tdj.gator.dashcams

Hardwiring Kit

1. Vehicle Exclusive Power Box
2. USB Connection Port
3. Male Bullet Connector
4. Ground Wire
5. Female Bullet Connector
6. TAP Connector (Battery)
6. TAP Connector (Accessories)
7. Fuse (2 included)

Installation of Hardwiring Kit
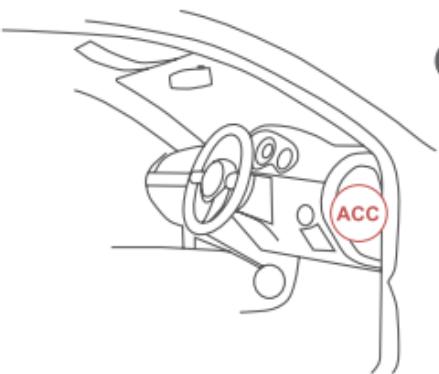
① Find fuse box in car (fuse position differs among different vehicle brands). Consult vehicle user manual for placement.
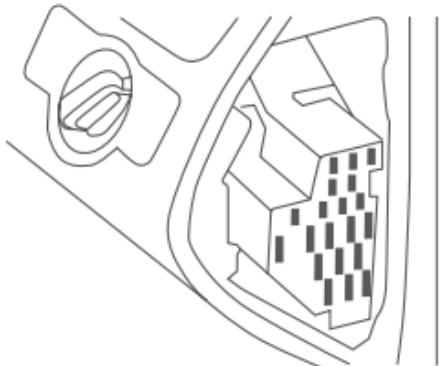

② Open fuse box cover plate, measure the placement for wiring from fusebox to powered product.
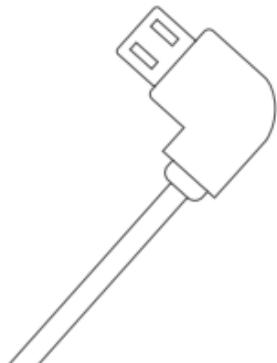
③ Plug in Angled USB power into the Dash Cam

Installation of Hardwiring Kit cont.....
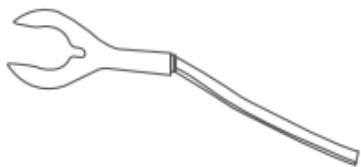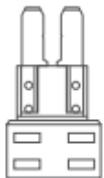
④ Locate a ground point near the fuse box. There is usually either an obvious labeled ground point or a nut / bolt that connects directly to chassis. Connect the Black earth wire to a metal grounded part of the vehicle.

Micro2 Blade

⑤ Decide whether you want your device wired to a switched or unswitched fuse. Switched circuits only have power when the vehicle is ON. Unswitched circuits always have power. You can verify if it's switched or unswitched using a simple circuit tester. NOTE: Make sure your vehicle is off and the key is not in the ignition. Choose your desired fuse TAP. Once you select the desired fuse TAP for your vehicle, attach to the power cable using the bullet connectors, then cover with plastic sleeve.

Installation of Hardwiring Kit cont.....
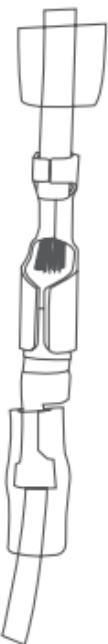
⑥ NOTE: This hardwire kit uses easy to put together bullet connectors. Attach each end of bullet connector until you feel a click.
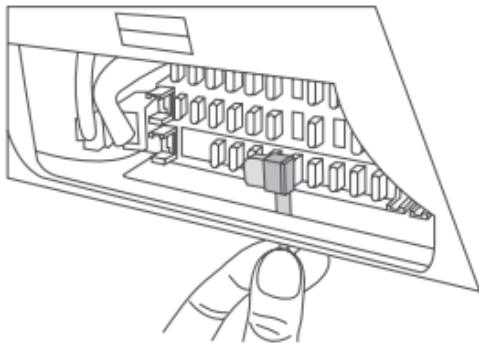
⑦ Pull the fuse, place fuse into the fuse TAP, then re-insert into the available fuse slot. Red fuse tap to 12V Accessories. Yellow fuse tap to the 12V constant. Connect the Black earth wire to a metal grounded part of the vehicle.

Installation of Hardwiring Kit cont.....

Information below for Dash Cam installation

Vehicle Headliner
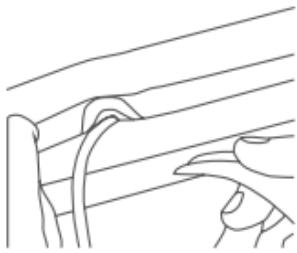
(A) Pillar

⑧ Starting at the USB powered product, tuck the power cable into the headliner. Once you get to the (A) pillar, there may be a sufficient gap to place power cable or it may be necessary to remove. The A pillar is the plastic piece that runs down the side separating the windshield and the door. Route the power cable along the side and behind the rest of the interior panels down towards the fuse box.

A pillar   B pillar   C pillar
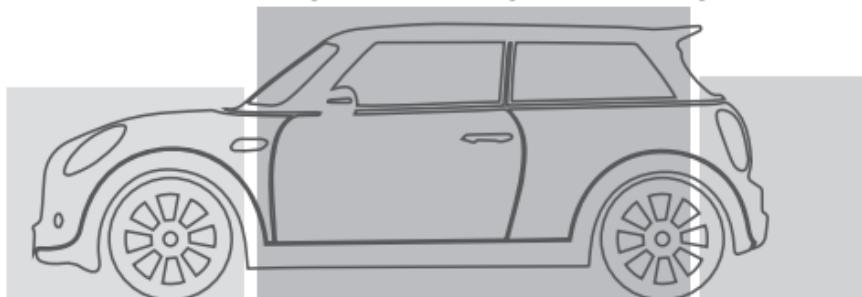
Installation of Hardwiring Kit cont.....

- The hard wire kit can have uninterrupted power for 24 hours if connected to vehicle battery or fuse box.
- It can stay powered on when your vehicle is turned off.
- With function of auto detect battery voltage and low voltage protecting, it can cut power supply when voltage is too low, make sure the car can start normally.
- The vehicle hard wire kit is used as transforming 12V or 24V to 5V, with built-in precise switching power supply module, output voltage is more stable.
- Short-circuit protection: over-current and over-temperture protection, reverse connection protection, auto cut power output when it's lower than 12V (for 12V connection) or 24V (for 24V connection).
- Conversion efficiency: Max 96%
- Static power consumption: about 15-18mA
- Operating temperature: Industrial level (-40°C ~ +85°C)

Electrical Parameters
- Input voltage: DC12V- 30V
- Output voltage: DC5V/2A
- Car low voltage protection: 12V (for 12V connection)
- Car low voltage protection: 24V (for 24V connection)

First time pairing procedure for iOS Devices

1. Download the App from the App Store
2. Turn off Mobile Data in settings
3. Turn on location services in settings
4. Open the App
5. Select go to WiFi settings and then connect
6. Select the dash cam G4KDVR50-XXX
7. Open the App again
8. Press "Copy" the current network name on App home screen
9. Enter WiFi password 12345678
10. Name the device i.e. Dash Cam or the Vehicle it is installed in
11. Select "Save Device"
12. The dash cam will appear under paired devices
13. A notification may appear, "Gator Dash Cam" wants to join WiFi Network "G4KDVR50-XXX"?- Select "Join"
14. Another notification may appear, "Gator Dash Cam" would like to find and connect to devices on your local network - Select "OK"
15. You can now view your dash cam and adjust it's settings via the Gator Dash Cam App.

First time pairing procedure for Android Devices

1. Download the App from the Google Play Store
2. Turn off Mobile Data in settings
3. Turn on location services in settings
4. Open the App
5. Select go to WiFi settings and then connect
6. Select the dash cam G4KDVR50-XXX
7. Open the App again
8. Press "Copy" the current network name on App home screen
9. Enter WiFi password 12345678
10. Name the device i.e Dash Cam or the Vehicle it is installed in
11. Select "Save Device"
12. The dash cam will appear under paired devices
13. A notification may appear, "Gator Dash Cam" wants to join WiFi Network "G4KDVR50-XXX"?- Select "Join"
14. Another notification may appear, "Gator Dash Cam" would like to find and connect to devices on your local network - Select "OK"
15. You can now view your dash cam and adjust it's settings via the Gator Dash Cam App.

After first successful WIFI pairing of your device

After your initial pairing of your device to the Dash Cam's WiFi network mobile data should be left off when using the app, as in some cases it wont work for some iOS devices. The app may show a pop up message to turn off mobile data when connecting to the Dash Cam.

Formatting the SD Card

You should do this at least every 2 to 3 months
You can format your SD card using the Gator Dash Cam App. It will ask you to confirm before formatting. It is recommended you do this to keep the card in good running order and to ensure you purge any locked footage that may have been saved in the past that you no longer need and is taking up space. Note: Back up files you wish to keep prior to formatting, as formatting will delete ALL files on the SD Card.

PLEASE NOTE: SD cards have a finite life. Their life is based on the amount of times the card is written to. The SD card WILL eventual wear out over time.

Dash Cams are very heavy users of the SD card because they are constantly writing to memory. Some cards have a longer life than others. The longest life cards are often labelled as "ENDURANCE" or "HEAVY DUTY"

Downloading to your phone

Using the Gator Dash Cam App you can download videos to your smartphone. If you have a lot of videos, it may take a bit of time before it will load images onto your screen, it may appear empty to start with, be patient, the video images should appear in a minute. Patience is needed while it downloads the videos, the more videos you select, the longer it will take to download. Please keep in mind that this footage is Ultra High Definition and is quite large. (Make sure there is sufficient space on your phone).

GPS logger

GPS geolocation data is automatically saved to the video files of the Dash Cam. This can be viewed using the Gator Dash Cam App or the computer GPS player software which can be downloaded from the gatordriverassist.com website.

ATTENTION: To avoid any possible GPS signal interference, make sure the Dash Cam is away from any other car audio equipment.

Hand Gesture Control (Photo / Video)

Wave your hand under the dash cam (past the hand gesture sensor) to take an image and save a video file. This feature will work while the dash cam is powered on and operating in continuous recording mode. The Gesture Photographing setting must be switched on via the app to enable this feature.

Product specifications

- **Channels:** 2
- **Chipset:** NOVATEK 96670
- **Resolution:** Front: 3840×2160 / Rear: 1920×1080
- **Image Sensor:** Front: Sony IMX415 / Rear: GC2053
- **Frames Per Second:** 30FPS
- **Camera Angle:** Front: 130° / Rear: 120°
- **Resolution:** Front 3840*2160 (4K @30fps) / Rear 1920*1080 @ 30fps
- G-sensor three axis accelerometer
- WiFi 5GHz
- Video format MP4
- Video codec. H. 264
- Loop recording with seamless 3 min blocks
- Auto turn on/off while car power on/off
- Supports turn on when car starts and turn off when car turns off
- Date stamp supported
- Still images photo resolution: 8 MP
- Photo format JPEG
- Micro SD SDHC/XC (Class 10 up to 256GB Max)
- MIC/ built-in speaker supported
- In built Super capacitor
- Frequency 50HZ/60HZ
- USB Type C input
- SOS lock function supported
- Input Voltage:DC12V-30V
- Output Voltage/Current:DC5V/2A
- Low Voltage Protection:12V/24V

Trouble shooting guide

Under normal operating conditions, if there are problems with the device, please refer to the following methods to resolve them.

Problem: Cannot take pictures or record video?
Solution: • This kind of issue is almost ALWAYS an issue related to the Memory card. Please check whether there is enough space on the micro SD. As mentioned earlier some footage is write protected and accumulates on the SD card over time.
• Format the SD card to be sure the card is no longer full of write protected footage.
• If the device keeps Stopping automatically while recording or it is recording Jumpy footage with dropped frames, this may be due to the SD cards write speed.
• You must use a high-speed micro SD card. To tell if you have the required high-speed card, check if it has the 'Micro SDHC/XC' logo on the SD card. Cards are often labelled as HD video capable but that is not always true. HD recording requires a Card with class 10, the card should have this printed on it somewhere.

Trouble shooting guide

Problem: The adhesive mount will not stay attached to the windscreen
Solution: • Ensure windscreen is clean and free of debris, use glass cleaner or an alcohol swab to clean.
• Ensure that the plastic film has been removed from the adhesive pad.
• When mounting hold the bracket firmly to the windscreen for at least 60 seconds.

Problem: The Dash Cam will not power on
Solution: • Check fuse connection of Hardwire Kit
• Check grounding of the Hardwire Kit.
• Check correct power vehicle fuse connection is used with the correct fuse tap.

Problem: The Dash Cam shuts down when connected to the vehicle
Solution: • Check fuse tap connections of the Hardwire Kit.
• The Dash Cam will only turn on when the vehicle is switched on.

Trouble shooting guide

Problem: The WiFi does not seem to be connecting / the Dash Cam won't connect with my phone
Solution: • Ensure WiFi is switched on in your mobile phone settings and select your Dash Cam from the device list.
• Make sure you have entered the correct password for the device (12345678).
• If the device is still not connecting correctly, forget the Dash Cam from the phone through the settings, reset the Dash Cam, restart the mobile phone, and then try again.
• Check your phone has the latest software update and also check the App has been updated with the latest version.

Problem: The Dash Cam will not turn on
Solution: • This could be due to the Dash Cam is in direct sunlight for a long time and may overheat. Try again once the Dash Cam cools down

Trouble shooting guide

Problem: The Dash Cam feels warm when it is operating
Solution: • It is normal for the Dash Cam to feel warm to the touch during typical use, especially when it is recording HD video.

Problem: The Dash Cam stops automatically while recording
Solution: • Check to see whether there is enough space on the Micro SD card.
• Ensure correct Micro SD card is being used, 8-64Gb Class 10 or above Micro SDHC/XC is recommended. Other types of Micro SD cards may not be suitable for use in Dash Cams.
• If the correct Micro SD Card is being used, format the Micro SD Card in a computer.
• Micro SD cards have a limited lifespan and become corrupt after a period of time. This is due to the continuous loop recording function. If this has occurred, you will need to replace you Micro SD Card.

Problem: The Micro SD card is not recognised by the Dash Cam
Solution: • Format the Micro SD card before using. Be sure the Micro SD card is compatible with the device, see "The Dash Cam stops automatically while recording" fault above.

Trouble shooting guide

Problem: Cannot record video or take pictures
Solution: • Check to see whether there is enough space on the Micro SD card. If not, the Micro SD card will need to be formatted.

Problem: Video files can not be played on the PC
Solution: • The video files from the Dash Cam are in .MOV format and may not be compatible with your PC if suitable playback software is not installed.

Problem: My videos are blurry, dirty or discoloured
Solution: • Check to see if there are any finger prints or dirt present on the Camera lens. If needed, clean with a soft dry cloth before recording.
• Remove the transparent lens cover during installation.

Problem: The Dash Cam is frozen or not responding
Solution: • Reset the unit by pushing and holding the reset button for a few seconds and try again.
• Format Micro SD Card in a computer.

Problem: Unresolved issues
Solution: • Reset the unit by pushing and holding the reset button for a few seconds and try again.
• Format Micro SD Card in a computer.
• Should the problem persist please contact your Gator Service Agent for your country.

Safety information & warnings

Do not use the Dash Cam in damp working conditions; the Dash Cam is not waterproof.

Do not try opening the shell or trying to repair the Dash Cam by yourself.

If the Dash Cam or it's accessories have any problems and is still under warranty, then take it back to the place of purchase with the original purchase receipt.

If out of warranty then contact the authorised repair agent, Gator Support.

Do not use a chemical substance, cleaning solvent or cleaner to clean the Dash Cam, please use a moist soft cloth if you would like to clean the Dash Cam.

Do not use the Dash Cam under conditions where dust is present.

Please pay attention to cleaning the lens surface, use a moist soft cloth to clean the lens before use, to avoid poor video footage.

Infringement of copyright warning

Please note that this product is for personal use only, the method of use shall not violate the goods infringe on domestic or international copyright laws. Even recorded images for personal use only, please note that in some cases to use this product to record performances, exhibitions or business activities of the images may infringe the copyright or other legal rights and interests of others.

Technical assistance

For Australasian support
TEL: 03 – 8587 8898   FAX: 03 – 8587 8866
Mon-Fri 9am – 5pm AEST
EMAIL - service@gator.com.au

If you need assistance setting up or using your Gator product now or in the future, call Gator Support. Australia
TEL: 03 – 8587 8898
FAX: 03 – 8587 8866
Mon-Fri 9am – 5pm AEST or EMAIL: service@tdj.com.au

Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Gator manuals/software, please visit the gatordriverassist.com website and click on 'Firmware & Manuals" or search for the product model number for more information, accessories and products.

This manual is considered correct at time of printing but is subject to change. For latest manuals and updates refer to the website.

05-08-2025