G2KDVR20

USER MANUAL

For more information on the Gator range go to our website

gatordriverassist.com

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Product information

For more information, videos and user guides, visit our website, gatordriverassist.com/G2KDVR20 or scan the following QR code:

Please ensure that you have read the product quick start guide 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 G2KDVR20 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

- Front 2K QHD (2560 X 1440) @ 30FPS
- Rear FHD (1920 X 1080) @ 30FPS
- WiFi & GPS tracking via App
- Front camera 152 Degree wide angle lens
- Rear camera 120 Degree wide angle lens
- Hand gesture photo / video function
- G-Sensor function
- Parking Mode (optional GHWCUSB2 required)
- Super capacitor
- Multi language support
- Seamless cycle loop recording
- Type C USB interface / 12V in-car USB charger
- Adhesive car mount
- 64GB Micro SD card included
- Supports Micro SD card class10 up to 256GB
- 5.2M (total length) secondary camera cable

System contents

Gator Dash Cam

Dash Cam GPS power cable

Mounting Bracket

Rear camera cable

Rear camera

Car Charger

64G Micro SD Card

Optional accessories

Hardwire Kit. (GHWCUSB2) Needed for Park Mode operation and to free up the vehicles 12V socket for other usage.

Product structure
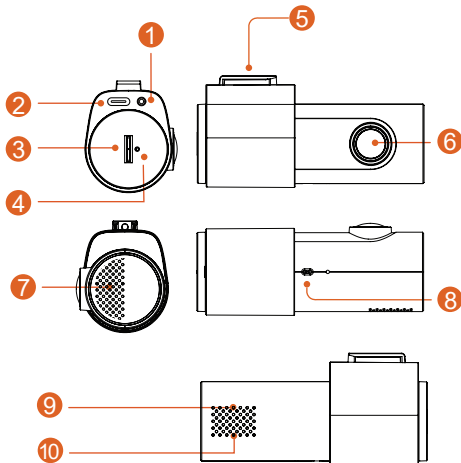
1) Rear camera input
2) Power socket
3) Micro SD card slot
4) Reset
5) Fixing point for mounting bracket
6) Front camera lens
7) Speaker
8) Hand gesture sensor
9) Red light indicator (Recording)
10) Green light indicator (Wifi connected)

Inserting Micro SD Card

Card Slot

insert

Push card into slot.
Press in to release

Fixing the Dash Cam

GPS

Suggested

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.
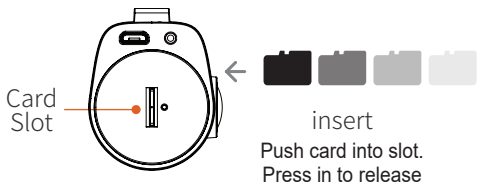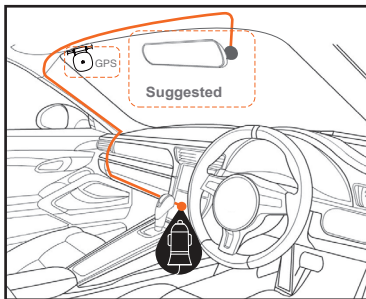
2. Fix the device onto a clean part of the windscreen toward the centre where the vision is not obstructed. (Make sure its VERY clean to ensure proper adhesion). A place close to the rear-view mirror is ideal in most cases. Do not install the device near an airbag. (Airbags are often installed along 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 end of the power cord into the Mini USB socket of the Dash Cam. Connect the full-size USB plug into the Type C socket of the power adapter, insert the power adapter into a free 12V power socket in the vehicle. The power lead is long enough to run along the head lining, down the A pillar, under and across the Dash to the transmission tunnel where it should be in range of the vehicles 12V accessory power socket as shown in the diagram above.

5. Rotate the 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.

4. Then mount the rear camera to the inside of the vehicles window, with the cable input facing right side as pictured below.

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

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 G2KDVR20-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 "G2KDVR20-XXXX"?– 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 G2KDVR20-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 "G2KDVR20-XXXX"?– 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 High Definition and is quite large. (Make sure there is sufficient space on your phone).

Factory reset

To hard reset the device back to its original settings in the case of a system jam or crash. Insert a fine point paper clip into the reset hole next to Micro SD card input.

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 donwloaded 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

- Video resolution front: 2K QHD (2560 X 1440)
- Video resolution rear: 1080P FHD (1920 X 1080)
- Image sensor 4MP
- G-sensor three axis accelerometer
- WiFi 2.4GHz 802.11 b/g/n
- Front camera lens 152 degree wide angle
- Rear camera lens 120 degree wide angle
- Languages supported
- English, French, German, Italian & Spanish
- Video format MP4
- Video codec. H. 264
- Loop recording with seamless 1 min blocks
  Auto turn on/off while car power on/off
  Supports turn on while car starts and turn off while
  car turns off.
- Date stamp supported
- Photo format JPG
- Micro SD SDHC/XC (Class 10 up to 256GB Max
  ENDURANCE SD card recommended)
- NOVATEK NT96565 Chip
- MIC / built-in speaker supported
- Super capacitor
- Frequency 50HZ/60HZ
- Type-C supported
- SOS lock function supported
- Voltage 12-24V - DC 5V/1A Max

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: • Vehicle Accessory Socket - Check the vehicle accessory socket has power, simply plug another device and see if it powers up (or use a test light / multimeter to check for power).
• Dash Cam Power Cable - Check the fuse in the tip of the accessory plug, it may need to be replaced.
• Dash Cam - Connect the Dash Cam to a computer via the USB cable to see if it powers up.

Problem: The Dash Cam shuts down when connected to the vehicle and the battery will not charge
Solution: • This Dash Cam does not have a battery, it has a Super Capacitor.
• The Dash Cam will only turn on when the vehicle is switched on.

Trouble shooting guide

Problem: The Dash Cam battery only lasts for a few minutes when power is disconnected
Solution: • This Dash Cam does not have a battery, it has a Super Capacitor.
• The Super Capacitor only holds enough power to safely shut down the Dash Cam, securely save the last file when power is disconnected and retain settings.
• The Dash Cam is designed to be connected to power at all times while being used.

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.

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, 8-256Gb 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

For European support
  support.connects2.com/tickets/technical

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.

20-03-2025