GATOR

GHDVR296

HD 1080P
DASH CAM

Manual

HD 1080P	3.0"		P		120°
Resolution	Screen Size	Suction Mount	Parking Mode	G Sensor	Wide Angle

Introduction

Thank you for purchasing the Gator GHDVR296 1080P Dash Cam. Please ensure that you have read the product manual and instructions in full, prior to installation and use. Failure to do so may result in product failure/damage or incorrect operation and therefore impact the product performance.

Product overview

The Gator GHDVR296 Dash Cam has been designed to provide high definition recordings of your trips for security and evidence in the case of an accident. The Dash Cam simply mounts to the windscreen and records footage onto a Micro SD memory card. It has a G-sensor with adjustable sensitivity and loop recording functionality as well as park mode.

ATTENTION: Please charge the unit for 4 hours before installing

Product features

- HD 1920 x 1080P @ 25FPS
- 3.0-inch LCD screen
- 120 Degree HD wide angle lens
- Time and date stamp
- G-Sensor function
- SOS Lock function
- Parking mode
- Mini USB interface
- Seamless cycle loop recording
- Suction car mount
- Built-in MIC
- 12-24V in-car USB charger
- 8 GB Micro SD Card (Supports up to 32GB, class10)

Table of Contents
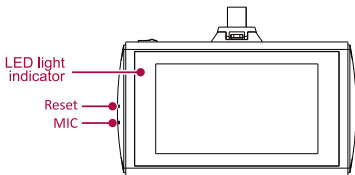
GHDVR296

Suction Mount

USB to Mini USB

Car Charger

MICRO
SD CARD
8GB
INCLUDED

8G Micro SD
Card

GHDVR296 User
Guide

Lens

Flash Light

Speaker

Micro SD Slot

Forward

Backward

MENU

OK

POWER

USB

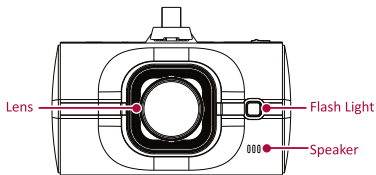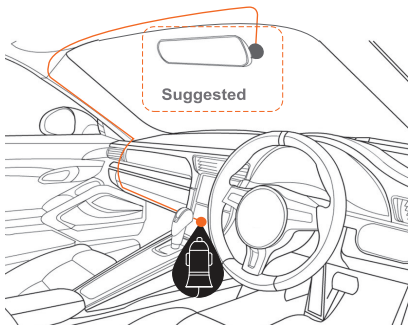LED light indicator

Reset

MIC
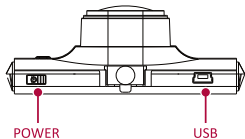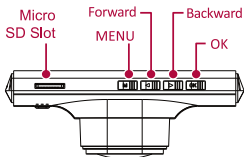
Installation of Dash Cam

1. Ensure windscreen is clean and free of debris, and use an isopropyl alcohol wipe. Attach suction mount onto the Dash Cam and firmly attach to the windscreen.

2. Fix where the vision is not blocked (Place close to rear-view mirror is recommended). Don't install device on airbag or within its working range.

3. Insert Micro SD card into the Dash Cam

4. Insert Mini USB end of the power cord into the Mini USB interface charging point of the Dash Cam. Connect USB charging end of the cable into USB socket adapter, place adapter into 12-24V power socket of vehicle.

5. Adjust the mounting bracket and rotate the camera direction to get the best view. Ensure $\frac{1}{4}$ of the vehicles bonnet is visible from the bottom of the screen for alignment.

6. Once you turn the vehicles ignition ON, it will start recording automatically, you will hear an audible tone once powered.

7. A red circle on the display will start flashing when recording has started.

8. A white battery symbol on the display will show when the Dash Cam is receiving power.

9. For the Dash Cam to work it must receive power from the charging adapter, it cannot run from internal battery. Once power is removed or turned off the Dash Cam will save the current file and turn off.

The internal battery is only used to keep date and time settings and for Park Mode.

10. To prolong the battery life you must charge your Dash Cam on a 5 volt home charger at least once a week for 2-3 hours with the dash cam off, if you don't use the car daily, for cars that are used daily for more than 1 hour you can charge the Dash Cam once every 3 weeks for 2-3 hours.

It is not recommended to power the dash cam with only the battery.

The battery will only run for 5 mins continuously, always use the charger provided.

Fixing the Dash Cam

Suggested

Indicator lights

1. When the blue LED light indicator is flashing on the side of the screen, the Dash Cam is in recording mode. When solid blue it's in standby mode and not recording. When the Dash Cam is off and charging, the LED light is red, once fully charged the LED light will turn off.

2. When white battery symbol is flashing on the screen, the Dash Cam is being powered by the car.
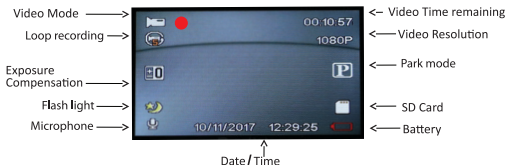
Instructions for video and photo operation

Powering device on and off:

To turn on the Dash Cam press and hold the power key, the white battery symbol will light up and flash when it is connected to a power source. To turn it off, hold down the power button and the device will turn off.

Video Mode

Press and hold the Mode button to switch to video mode if not already. To start recording in video mode press the OK button to start the recording. You know it is recording by the red circle indicator on the top left corner of the LCD. To stop the recording, simply press the OK button again. Pressing the Menu button in photo mode will allow you to adjust the photo re

Video Mode →
Loop recording →
Exposure Compensation →
Flash light →
Microphone →

←– Video Time remaining
←– Video Resolution
←– Park mode
←– SD Card
←– Battery

Date / Time

SOS function

While in recording mode press the right arrow button to lock recorded footage. This will save any footage from getting erased from the card, to remove locked footage you must format the card on the device or computer.solution, image quality and other video settings.

Photo Mode

Press and hold the Mode button to switch to photo mode. There is a camera icon at the top left corner of the LCD to signify you are on photo mode. To take a photo, press the OK button. The screen will flash and make a camera sound when a picture is taken. Pressing the Menu button in photo mode will allow you to adjust the photo resolution, image quality and other photo settings.

Camera Mode
Exposure Compensation
White Balance
ISO
Flash

Photos remaining
Image Resolution
Image Quality
SD Card
Battery

Video/Photo playback

Press and hold the mode button until you see the playback icon on the top left of the screen representing playback mode. Using the arrow buttons, you can choose between all your recorded videos or photos. The protected files have a lock icon meaning they cannot be deleted until unlocked. Press the OK button to select a file for playback. Pressing the Menu (M) button will give the option to delete the file or unlock the file. Simply press the Mode button again exit to settings and again to return to video mode. Press the Up button to scroll through recorded files. During playback press the left arrow button to rewind, and right arrow button to fast forward. Ok button the start and pause footage.

Protected File

Playback Icon
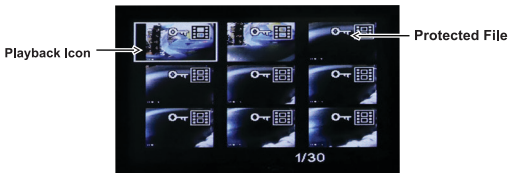
DASH CAM functions

Menu Settings
Press the Menu (M) button to get into the menu settings when not recording. You can navigate the settings menu by using the Arrow buttons. To change or edit a selected setting, press the OK button. Press the Menu (M) button again to move through the pages of the menu settings.

USB input
To charge the Dash Cam.

Charging your Dash Cam
When the Dash Cam is charging, a white battery icon on the Dash Cam flashes. The Dash Cam takes about 4 hours to fully charge. The Dash Cam can be charged using the provided Mini USB cable to connect to a USB interface for charging.

Micro SD card
Remove card and place in a card reader to connect to a PC or Mac for access to recordings and photos.

Video mode settings features explained

Resolution:
The resolution for video recordings are 1920x1080P, 1280x720P & 640x480P. Use 1920x1080P' in order to get the best quality footage.

Loop Recording:
This feature allows the Dash Cam to record over the oldest recoded files once the card is full. The card records video in 3/5/10 minute files. If you want to keep any of the files it is best to upload them to your computer.

Exposure:
This feature will change the white input. We recommend it always be set at '+0.0'.

Record Audio:
This Feature will allow you to turn the Dash Cam's recording sound on or off. If you want to stop the Dash Cam recording sound in the cab of your vehicle, set this feature to 'off'.

Date Stamp:
This feature will stamp the date and time on all your footage produced by your Dash Cam.

G Sensor Sensitivity:
This feature allows you to set the sensitivity of the Gravity sensor in the Dash Cam. We recommend this be set to 'Low' to help stop false or irrelevant readings. The G-sensor function activates in the case of a car accident by determining the gravitational acceleration (1g = 9.8 meters/second^2). When this function activates, the Dash Cam will record foootage. It is advisable to format the card weekly if you have the setting G-sensor setting active, all footage that are locked in G-sensor mode will fill up the card causing it to stop recording any footage.

Beep Sound:
Allows you to turn the beeping sound on or off when pressing buttons.

Parking Monitor:
This setting relies on the G-Sensor settings. When the vehicle is impacted it will record 10 seconds of video footage. Parking mode can function for approximately 1.5 hours or once the internal battery is depleted.

Date/Time:
This feature will allow you to change the year, month, day and time. To change the date simply use the arrow keys to go up or down. Press the OK button to move onto the next section. Again, use the arrow buttons to go up or down. Once through all the sections, pressing OK again will finish the setup.

Language:
Allows you to choose from a selection of languages.

Frequency:
This feature allows the best recording in conditions where street lights and Ac lighting is used. The Australian standard frequency is 50HZ so it should be set to '50hz'.

Screen savers:
This feature will turn your LCD off after 1, 3 or 5 minutes but will continue to record regardless. This feature is useful for night driving as having the LCD on could be a distraction.

Lamp Setting:
This allows the user to turn on the flash light on the front of the Dash Cam.

Format:
This feature allows you to format/delete all the files off your micro SD card and also reinstalls your DCIM directory and Dash Cam software on your SD card so the micro SD card can operate with your Dash Cam free of errors. At least once a week it is best to reformatt the Micro SD Card to eliminate errors and card filling up with locked files.

Default Setting:
This feature will reset all your settings and return your Dash Cam to the factory standard settings.

Version:
This simply shows the firmware/software employed by the Dash Cam's hardware.

Photo mode settings features explained

Capture mode:
Single, 2S Timer, 5S Timer, 10S Timer

Resolution:
12M,10M,8M,5M4M,3M &1.3M.

Sequence:
On or Off

Quality:
Fine, Normal or Economy

Sharpness:
Strong, Normal & Soft to enhance pixels

White balance:
This changes the scene's color temperature when taking pictures with different lighting conditions. Auto, Daylight, Cloudy,Tungsten & Fluorescent

Colour:
This changes the picture color filter to Standard, Black & white or Sepia.

ISO:
ISO is the sensitivity of your sensor to light. The ISO setting you use depends on the amount of light in the scene you are photographing. The more light you have to work with the lower you can set your ISO. The darker the scene the higher you can set your ISO.

Anti Shaking:
Anti Shake compensates for the blurriness. It allows users to shoot images at slow shutter speeds, without causing blurring when shooting hand held.

Quick review:
How long image appears on screen after taking a picture.Off, 2 & 5 Seconds

Resetting DASH CAM

To hard reset the device in the case of a system jam or crash. Insert a fine point pin into reset hole on the side of the unit.

DASH CAM glossary

Micro SD Slot:
Where the Micro SD card is inserted (Max size is 32GB Class 10).

USB Interface:
The USB charging adapter is used to power the Dash Cam with the Mini USB cable.

Ignition Auto Power On/Off:
Once power is connected to the device (ie: when the vehicles ignition is turned on), the Dash Cam will automatically turn on and start recording. When the power is disconnected, or car is turned off, the Dash Cam will automatically save the file and shutdown.

MIC:
Audio receiver for video recording.

Maintaining the Battery:
To prolong the battery life you must charged your Dash Cam on a 5 volt home charger at least once a week for 2-3 hours with the dash cam off, if you don't use the car daily, for cars that are used daily for more than 1 hour you can charge the Dash cam once every 3 weeks for 2-3 hours.
It is not recommended to power the dash cam with only the battery.
The battery will only run for 5 mins continuously, always use the charger provided.

NOTE: Please format the Micro SD card before using your Dash Cam. This product only supports the FAT32 file system.

Product specifications

CPU	NT96223
Display	3.0-inch HD TFT screen resolution 960*240
Image Sensor	1.0 MP CMOS sensor
Color	Black
Video	AVI
	1920*1080P at 25fps
	720P 1280*720 at 30fps
	VGA 640*480 at 30fps
Picture	12/10/8/5/4/3/1.3M
Picture format	JPG
Viewing Angle	120 degree view angle
Functions	G-Sensor, Loop recording, Park mode
G- Sensor sensitivity	Low, Mid, High
OSD Language	English, Russian, Chinese, etc
Audio	Built-in Microphone and speaker
Storage	Micro SD card (8GB included)8GB~32GB Class 10 Max
Input / Output	Mini USB 2.0
Battery	180mAh lithium battery
Dimension	90x54x36mm
Accessories	Car mount, Car charger, USB cable, User Manual

Troubleshooting guide

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

Cannot take pictures or record video?
Please check whether there is enough space on the micro SD card or internal storage.

Stopping automatically while recording?
Due to the high amount of HD video data being recorded, please use a high-speed Micro SD card. To tell if you have the required high speed card, check if it has the 'Micro SDHC' logo on the SD card and 8GB class 10 or above is recommended. Make sure that your card is labeled Micro SDHC and not Micro SDXC as SDXC cards will not work with this Dash Cam.

Fuzzy/dirty image?
Please check if the lens is filled with dirt or fingerprints and clean carefully. Please clean lens with cloth before shooting.

The DASH CAM is jammed or not responding?
Please reset the device by pushing in the reset button on the underside of the Dash Cam.

Why is the DASH CAM not turning on in the car?
Please check and make sure that there is power in the cigarette lighter socket of your car.

Micro SD card not recognised by DASH CAM?
Format card in the Dash Cam's menu setting's before use.

A coloured tinge showing up in the video?
Make sure to peel off the transparent protective sticker on the front of the Dash Cam's lens.

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 accessories for the Dash Cam have any problems, please take it to an authorised repair agent for repair.

- 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, or infringe on domestic or international copyright laws. Recorded images are for personal use only, please note that in some cases to use this product to record performances, exhibitions or business activities may infringe the copyright or other legal rights and interests of others.

Technical assistance

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

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 http://gatordriverassist.com website and click on 'Firmware & Manuals" for information on where to find the manuals/software.

For PC users a video viewing App is also available to download from the website. https://tdj.com.au/firmware/Gator

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