

GATOR

FULL HD DVR 1080P
CAR CAMCORDER+
ACTION SPORTS CAM

USER GUIDE G180SPCR



FULL HD
1080p

WATERPROOF
30M

Introduction

Thank you for purchasing the Gator 180SPCR. This product is designed to provide high definition recording of your trips/sports and can be used as a dash camera for evidence in the case of an incident. Being portable, this convenient and durable multi-use recorder can be used in a variety of situations for video recording.

Product Overview

This product is a HD Digital recorder, it can record high resolution video as well as high resolution pictures, using a micro SD card as the storage device which is ultra-small, power saving, easy and convenient to carry anytime.

The DVR has a recording resolution of up to 1920x1080p and 1280x720p60fps and it can also shoot 12 mega pixel still images.

ATTENTION: Please charge the unit for 4 hours before installing.

Product Features:

- 170-degree high definition wide-angle lens.
 - 1920x1080p Full High Definition
 - 1280x720p at 60 Frames per second
 - Compression technology with advanced H.264 photography.
 - 1.5-inch high-resolution LCD screen.
 - Loop Recording
 - Waterproof case up to 30 metres
 - Digital zoom 4X
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- Do not put the DVR into damp working conditions as the DVR is not waterproof.
 - Do not try opening the shell or try to repair the DVR by yourself. If there are any problems with the DVR or its accessories, please take it to an authorized repair agent for repair.
 - Do not use any chemical substance, clean solvent or cleaner to clean the DVR. Please use a damp soft cloth if you would like to clean the DVR.
 - Do not use the DVR under conditions where dust and density is too large, to avoid affecting the video.
 - Please care for the environment, do not discard this device randomly and do not throw the DVR into a fire, as it may explode.
 - Please make sure to clean the lens with a damp soft cloth before use to avoid poor video footage.

Package Components:



Gator G180SPCR



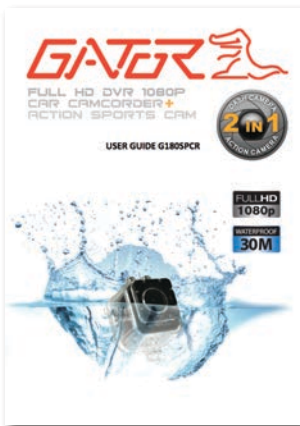
Suction Mount Bracket



USB to Micro USB



Car Charger



G180SPCR User Guide



Waterproof Case



Camera Mount For Suction Bracket



Spare Waterproof Case Cover

Package Components:



3M Adhesive



Waist Strap



Clip



Helmet Base Strap Connector



Switch Support 1



Switch Support 2



Bicycle Stand



Additional Mount 1



Swivel Base Mount

Product Structure:



- 1) Record/Ok Button
- 2) Power/Mode Button
- 3) Up
- 4) Menu
- 5) Down
- 6) Micro USB Port
- 7) Micro HDMI Port
- 8) Micro SD Card Slot

- 9) Speaker
- 10) Lens
- 11) Mic
- 12) LED Indicator Light
- 13) LCD Screen
- 14) Battery Door/Key





Waterproof Case Diagram



Button Instructions

Power/Mode Button:

When the DVR is turned off, press it once to turn it on. While the system is on, hold down the Power/Mode button to turn it off.

This button is also used to change between video, photo and playback modes by simply pressing the button.

Pressing the Power/Mode button while recording will activate the file protection (A key will be present on the left of the screen if activated).

Record/OK Button:

The Record/OK button is also used to start recording in video mode. Pressing the button again in video mode will stop the recording. In photo mode, the Record/OK button is used to take a picture. The Record/OK button is also used to select a setting in the menu.

MENU Button:

Press the Menu Button to open the menu. Press again to close.

Up Button:

The up button is used while in the menu to move the highlighted area for selecting. The up button can also be used to zoom in under the standby, recording and photo mode.

Down Button:

The down button is used while in the menu to move the highlighted area for selecting. The down button will zoom out during standby, recording and photo mode.

Micro HDMI Port:

The micro HDMI port provides a HD output interface using a micro HDMI to HDMI cable that can be plugged into a HDMI-in supported device (Cable Not Included).

Micro SD Slot:

Where the Micro SD card is inserted (Max size is 32GB).

USB Interface:

The USB port can be used to charge the device or be connected to a computer for data transmission.

Power Indication Light:

When the device is turned on, a yellow indicator will light up. When the device is recording, it will be flashing yellow. When the device is charging, the light will glow red.

Battery Charging Indication Light:

After connecting the DVR through USB, the indication lamp will glow red meaning it is charging. The light will automatically turn off after fully charged.

MIC:

Audio receiver for video recording.

Extra Functions**SOS Function: (Car Mode Setting Only)**

Press the Power/Mode Button while recording in order to lock the currently recording video file so it is non-deletable file (A white key will be present if activated).

Ignition Auto Power On/Off (Car Mode Setting):

Once power is connected to the device, like when you start up your car, the DVR will automatically turn on and start recording. When the power is disconnected, or car is turned off, the DVR will automatically save the file and shutdown. NOTE: 'Car Mode Setting' needs to be enabled or this to work.

Basic Instructions for Video and Photo Operation

Powering on and off the device:

To turn on the DVR press the Power/Mode key once, the yellow indication lamp will light up if it is connected to a power source. To turn it off, hold down the Power/Mode button and the device will turn off.

WARNING: The device will automatically turn off once the battery hits critically low levels.

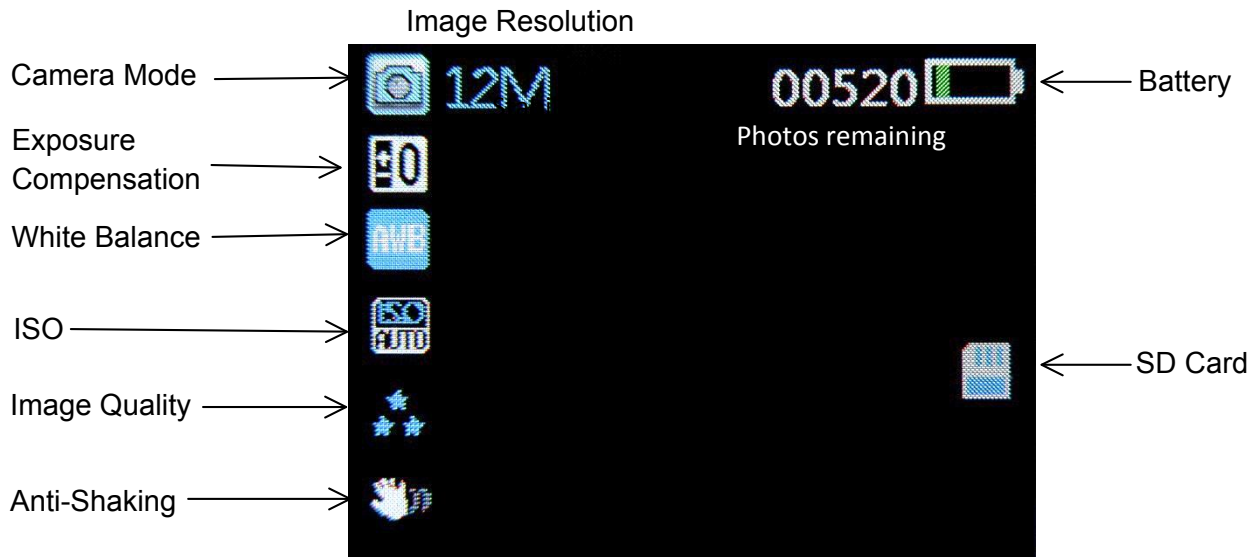
Video Mode

Press Power/Mode button to switch to video mode if not already. To start recording in video mode press the Record/OK button to start the recording. You know it is recording by the yellow/red circle indicator on the top left corner of the LCD. To stop the recording, simply press the Record/OK button again.



Photo Mode

Press Power/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 Record/OK button. The screen will flash and make a camera sound when a picture is taken.



Video/Photo Playback

Press Power/Mode button to switch to playback mode after photo 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 unless deleted from a computer. Press the Record/OK button to select a file for playback. Pressing the menu button will bring you to the settings. Towards the bottom, a setting called delete, will give you the option to delete selected file or all files on the SD card. Simply press the Power/Mode button to return to video mode.

Menu Settings

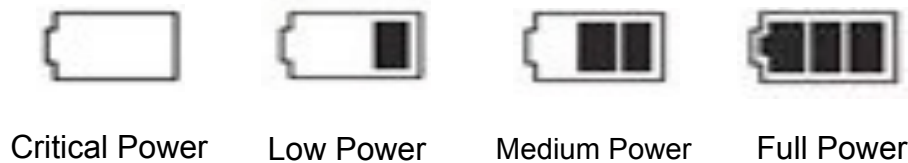
Press the Menu button to get into the menu settings. You can navigate the settings menu by using the Up/Down buttons. To change or edit a selected setting, press the Record/OK button.

USB Mode

When connecting a USB cable with a PC, the DVR will present two options. 'Mass Storage' allows you to transfer your videos and photos to your PC. The 'PC Camera' option allows you to use your DVR as a webcam for your computer.

Battery Instructions

Please see below illustration for battery the capacity indications.



When the DVR is charging, a red indicator on the DVR glows red. The DVR takes about 4 hours to fully charge. When the DVR hits full charge, the red indicator will turn off.

The DVR can be charged multiple ways:

1. Using the provided micro USB cable to connect to a USB interface for charging.
2. Using the provided car charger

Menu setting features explained

Car Mode: Turning this setting on will make the act like a traditional DVR for car use. Once power is connected to the device, like when you start up your car, the device will automatically turn on and start recording. When the power is disconnected, or car is turned off, the DVR will automatically save the file and shutdown.

Resolution: The recommended resolution should be set at '1080FHD 1920x1080' in order to get the best quality footage.

Loop Record: This feature allows you to set the size of the files your DVR will record before saving and creating a new file. We recommend the DVR to be set to '3' minute files.

HDR (High Dynamic Range): High Dynamic Range can allow for better quality footage in areas where both bright light and no light are present.

Record Audio: This Feature will allow you to turn the DVRs recording sound on or off. If you want to stop the DVR 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 DVR.

Capture Mode: This feature is only for photo mode. It allows you to set the count down time before it takes a picture. 'Single' is off.

Image Size: This feature is only for photo mode. This allows you to change the resolution of images. Recommended is '12M' (Mega pixels)

Quality: This feature is only for photo mode. This allows you set the quality of images. 'Fine' is recommended for the best quality image.

Sharpness: This feature is only for photo mode. This allows you set how sharp the images are. Recommended is 'Strong'

White Balance: This feature is only for photo mode. This allows you to manually set the white balance for photos in photo mode. Set to 'Auto' to let the device choose for you.

Colour: This feature is only for photo mode. This feature allows you to change the colour modes for photos.

ISO: This feature is only for photo mode. This allows you to manually set the sensitivity of the sensor to pick up more or less light. Recommended to be left on 'Auto'

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

Face Detection: This feature is only for photo mode. This allows the camera to detect the face when in photo mode.

Anti-Shaking: This feature is only for photo mode. This reduces the shake when taking photos.

Quick Review: This feature is only for photo mode. This allows you to a time for the recently taken picture to be displayed before allowing another picture to be taken.

Language: Allows you to choose from a selection of languages that include: English, French, Spanish, Polish, Dutch, Italian, Simplified Chinese, Traditional Chinese, Russian, Japanese, Korean and Portuguese

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 Record/OK button to move onto the next section. Again, use the arrow buttons to go up or down. Once through all the sections, hold down the Menu button for 2 seconds and then release it to finish the setup and return to recording mode.

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

TV Mode: We recommend this be set to 'PAL' as PAL is the Australian standard line frequency and will work on any TV when playing back your footage on TV via a micro HDMI cable.

TV Out: Turning this on will turn off the screen and output screen on external display via the micro HDMI port. Turning the device on and off resets this.

Screen Saver: 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.

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'.

Rotate: This feature allows you to flip the display upside down. This would be useful if the device is installed upside down.

OSD Mode: Allows you to turn the OSD (On Screen Display) on or off. These include the images and writing on the display.

License No. Set: Allows you to set your cars number plate lettering/number to be stamped on the video footage only if the 'Date Stamp' setting is enabled. Use the Power/Mode button to move to 'A' for letters and '0' for numbers. Use the arrows keys to choose a letter/number then press the record button to select it. Select 'Del' to delete the previous character and 'OK' when you want to save it.

Delete: This will allow you to delete the recently recorded file or all recordings on the device

Format: This feature allows you to format/delete all the files off your micro SD card and also reinstalls your DCIM directory and DVR software on your SD card so the micro SD card can operate with your DVR free of errors.

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

Version Info: This simply shows the firmware/software employed by the DVRs hardware.

Product Specification

Product Feature	Full HD Camera, Full HD Recording
LCD Size	1.5" LCD
Lens	170 Degree Wide Angle
Language	English/French/Spanish/Polish/Dutch/Italian/Simplified Chinese/Traditional Chinese/Russian/Japanese/Korean/Portuguese
Video Format	MOV
Video Resolution	1080p 1920x1080, 720P 1280x720 60FPS, 720P 1280x720 30FPS, WVGA 846x480, VGA 640x240
Video Codec.	H. 264, Audio: AAC
Loop Recording	Recording with seamless
Auto ignition turn on/off while car power on/off	Supports turn on while car starts and turn off while car turns off through 'Car Mode' Setting.
Year/Month/Day/Hour/Minute	Supported
Still images	Photo resolution: 12MP,10MP,8MP,5MP,3MP,2MP,VGA,1.3MP
Photo Format	JPEG
Memory Card	Micro SD HC (up to 32GB Max)
MIC	Supported
Built-in Speaker	Supported
TV Output	PAL/NTSC
Frequency	50HZ/60HZ
USB Function	1. Mass Storage 2. PC Camera
Power Interface	5V 1.0A
Battery	900mAH built-in battery

Frequently Asked Questions

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 the C4, C6 or C10 somewhere on the card.

Make sure that your card is labelled Micro SDHC and not Micro SDXC as SDXC cards will not work with this DVR.



Fuzzy/dirty image

Please check if the lens is filled with dirt or fingerprints and clean carefully. Please clean lens with cloth before shooting.

Horizontal stripes interference in the image

This is due to the wrong setting of light frequency error, please set the frequency to 50HZ as it is the Australian standard frequency.

The DVR is jammed or not responding

Please reset the device by pushing in the reset button on the underside of the DVR.

Why does battery go flat in the DVR?

The DVRs battery must be frequently charged once a week if the car is not in use.

Why does the time and date reset?

The time resets when the DVR's battery is flat. Make sure the DVR is always charged in order to keep date and time.

Why is the battery not charging 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 DVR

Format card in the DVR'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 DVRs lens.

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

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.

