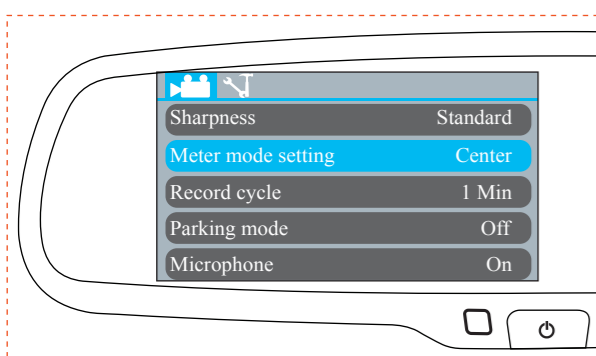
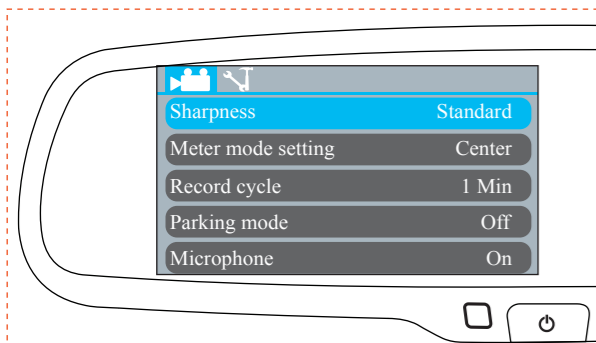


1. Sharpness

Effects the amount of detail in the image. Standard, soft and hard.



2. Meter mode setting

There are 3 modes available.

1. Spot metering, the camera will only measure a very small area of the scene. (between 1-5% of the viewfinder area).

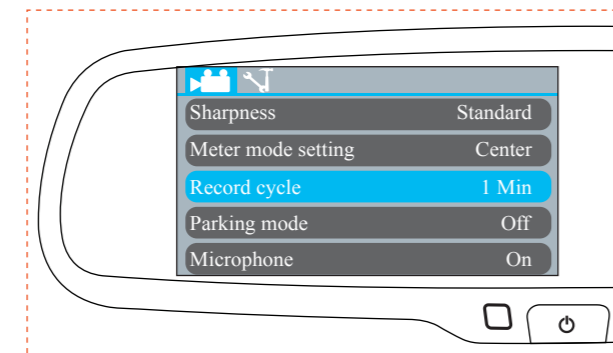
2. Center metering, the camera will concentrate between 60 to 80 percent of the sensitivity towards the central part of the viewfinder.

3. Average metering, the camera meters light coming from the entire scene and averages for the final exposure setting.

3. Record cycle

This Mirror/Monitor Dash Cam captures every moment with high quality video. The high performance compression chipset ensures seamless recording. To ensure enough memory, new recorded video will automatically overwrite the pre-recorded one. When record recycle is on, you can set the length of recording footage. Choose length of recording time from "1 Min, 3 Mins and 5 Mins". The oldest and subsequent recording footage will be overridden once the card is full.

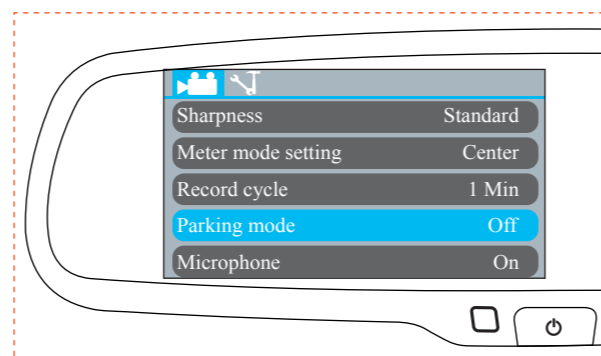
NOTE:
"In normal recording mode the Mirror/Monitor Dash Cam only records forward footage, not from an installed rear camera when in reverse".



4. Parking mode

Please use this function cautiously, otherwise it may flatten the vehicles battery. It can consume up to 15% of the vehicles battery power.

Parking mode means the Mirror/Monitor Dash Cam can keep recording after the vehicles ignition is turned off. When parking mode is on, both the mirror LCD screen and indicator lights are off though Mirror/Monitor Dash Cam is still recording videos. This function can protect your car well after you leave the car. This Mirror/Monitor Dash Cam can support parking mode from 30 mins/1 hour/6 hours/12 hours/Off.



Press the MENU button to go back to recording window, where you will find a warning message

1. "DVR mirror will consume a lot of battery power. Car probably can not be started next time. Are you sure to keep the DVR Mirror working?". It defaults to "NO". You can choose "YES" by pressing the "UP/Down" buttons.
2. Then you will find a second warning "Safe-guard recording mode will be activated". Please go back to your car soon in case it can not be started. DVR mirror consumes much battery power. Are you sure that you want to open safe-guard recording mode?" It is defaulted to choose "NO". You can choose "YES" by pressing "UP/Down" buttons.
3. After this you will find the third final warning message "Safe-guard recording mode is activated. DVR mirror will continue to record front views after you leave the car."

NOTE:
"Parking mode only records forward footage from the Mirror Dash Cam, not from an installed rear camera".

5. Microphone

Turn the microphone on or off to record sound

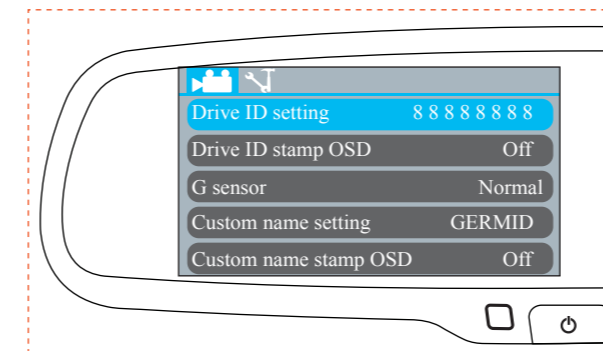
Video watermark

1. Drive ID setting

Use SELECT/REC button to enter letters and numbers to personalise a watermark on the recorded footage ie: vehicles number plate. Use "UP/DOWN" buttons to scroll through and change

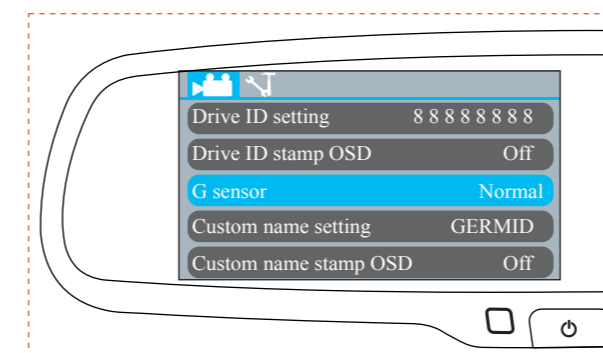
2. Drive ID stamp OSD

Turns Drive ID watermark ON/OFF on the recorded footage



3. G-sensor

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 Mirror Dash Cam will save the accident footage in a non-deletable file in order to protect the footage.



The non-deletable file (indicated by a lock symbol) cannot be overwritten in record cycle mode. It can only be manually deleted one by one when reformatting. The G-sensor sensitivity can be adjusted to "High/Normal/Low/Off". Normal is recommended for less sensitivity to any bumps or potholes.

4. Custom name setting

Use SELECT/REC button to enter letters to personalise a name or title watermark on the recorded footage. Use "UP/DOWN" buttons to scroll through and change

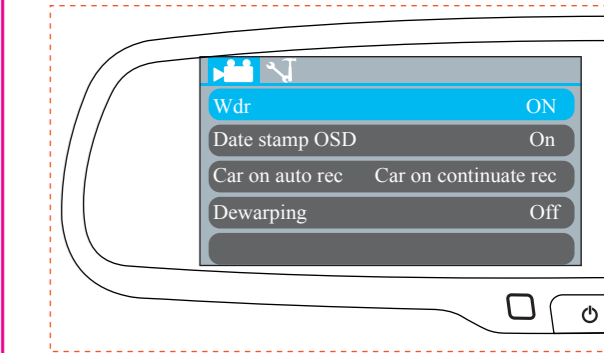
5. Custom name stamp OSD

Turns Custom name stamp watermark ON/OFF on the recorded footage

NOTE:
"Drive ID stamp" and "Custom name stamp" can be displayed on the recorded video. But they cannot be displayed together. If both are turned only Drive ID stamp will show on the recorded footage. If "Drive ID stamp" is turned off, then "Custom name stamp" will show on the recorded footage

1. WDR

Turning ON/OFF the Wide Dynamic Range (WDR) feature for photos improves the overall exposure throughout your recorded footage or photos



2. Date stamp OSD

Turns the Date stamp watermark ON/OFF on the recorded footage

3. Car on auto rec

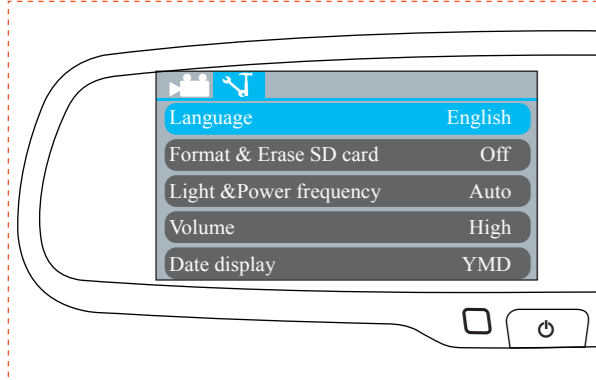
The Mirror/Monitor Dash Cam will automatically start to record when Mirror/Monitor Dash Cam is turned on. If turned off then the remote can be used to start recording manually

4. Dewarping

Turn ON/OFF to help with distortion of recorded files and images

1. Language

Choose from 12 system languages



2. Format & Erase SD card

Turn On to format and erase Micro SD card. Press "MODE" button on remote to initialize formatting. Default is turned Off.

WARNING:
This will delete all files including locked files

3. Volume

Change the units sound for the interface. Settings are Off, Low, Normal & High

4. Light & Power frequency

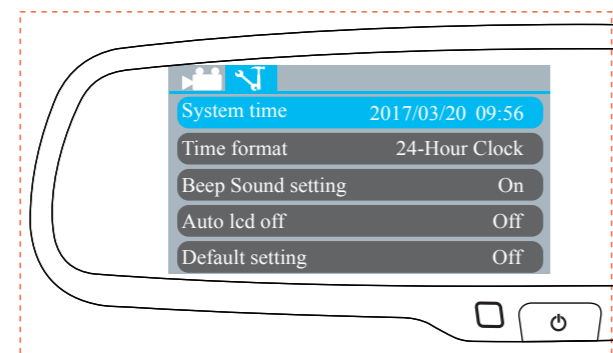
This feature allows the best recording in conditions where street lights and ac lighting is used. The Australian standard frequency is 50HZ so it should be set to '50hz'

5. Date display

Change the displays date watermark on the video footage or photo. Change to MDY: Month, Day, Year or DMY: Day, Month, Year

1. System time

Use SEL/REC button to enter Year, Month, Day and Time settings. Use "UP/DOWN" buttons to scroll through and change



2. Time format

Change between 12 or 24 hour clock

3. Beep sound setting

To turn button sounds on/off on interface

4. Auto lcd off

The screen will automatically turn off when it reaches the time you set. You can choose from Off/30 secs/1 min/ 2 mins/ 3 mins/ 5 mins/ 10 mins. You also can manually turn Auto lcd on/off screen by pressing the "POWER" button on the mirror

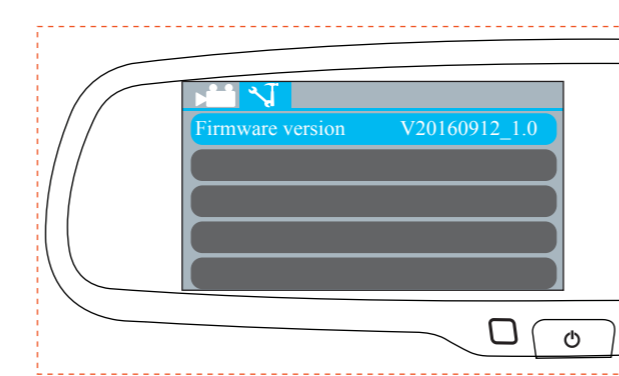
NOTE:
"When recording in HDR mode and you manually turn off the lcd screen by pressing the "POWER" button, the Mirror/Monitor Dash Cam will continue to record footage, until you turn the display back on where it will stop and restart and create a new recorded file".

5. Default setting

Turn On to reset to default settings. Press "MODE" button on remote to initialize default. Default is turned Off.

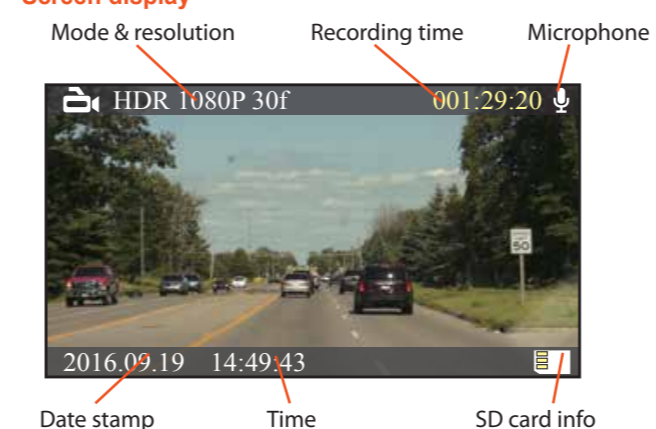
1. Firmware version

This simply shows the firmware/software employed by the Mirror/Monitor Dash Cam hardware



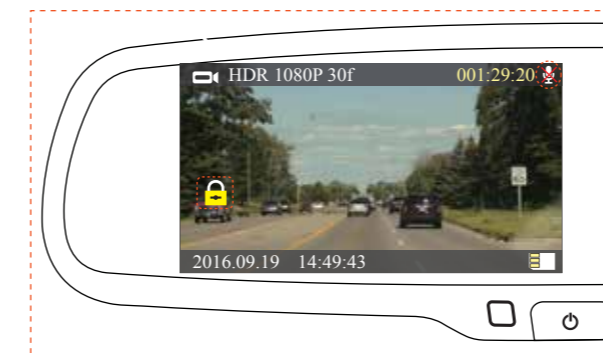
14 Video recording & Photo mode

Screen display



Video recording mode

"SEL/REC" button turns on/off video recording. Indicator-flashes red when in recording mode, and will dim automatically depending on the ambient light. Note this cannot be turned off. When recording, press "MENU" button to save current video recording to a read-only file. Press the "MODE" button to turn the microphone recording on/off. Under the non HDR record mode, press "DOWN" button will take a photo of the current screen image.



When in recording mode

1. Press "MODE" button on the remote control, the sound will be turned off. The sound icon at the top right of screen will change to.
2. Press the "MENU" key on remote control, the current video will be saved as a read-only video file.

Micro SD card warning

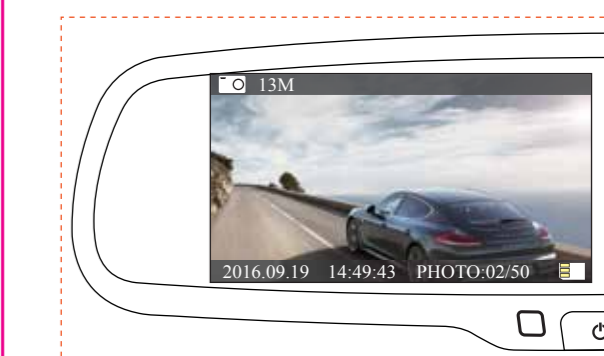
The SD card icon on screen will display and beep a warning sound when the card reaches 70% and 90% of capacity. Alerting the user that once the card is full it will override the oldest file to make space.



15 Photo mode

When not in recording mode

Press "MODE" button on the remote to enter photo mode, press "SEL/REC" to take a picture, and press "MENU" button to set the photos resolution and quality.



1. Photo resolution

Choose 4M, 9M or 13M

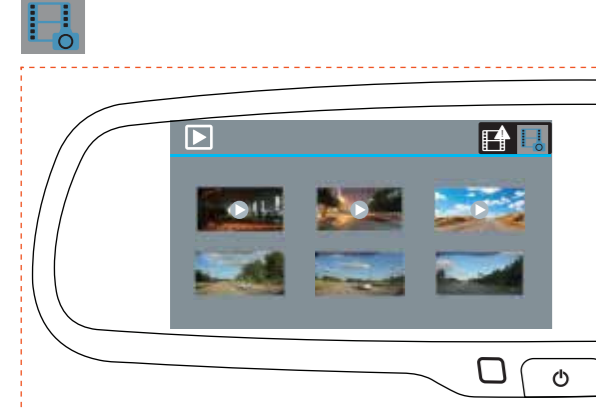
2. Image quality

Choose Normal, Low or High

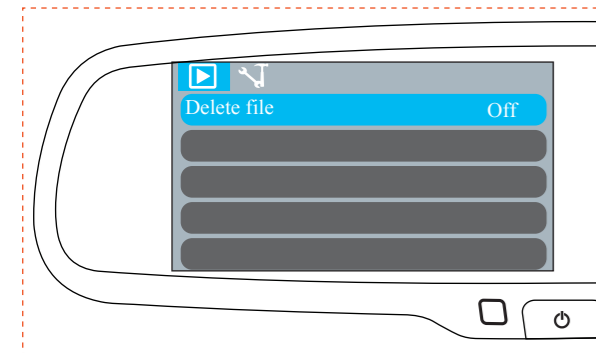
16 Normal Video & Photo file list

When not in recording mode

Press "MODE" button twice on the remote to enter normal video & photo mode. Press "SEL/REC" button to select individual footage. Use "UP/DOWN" buttons to scroll through video or images and press "SEL/REC" button for playback and to pause.



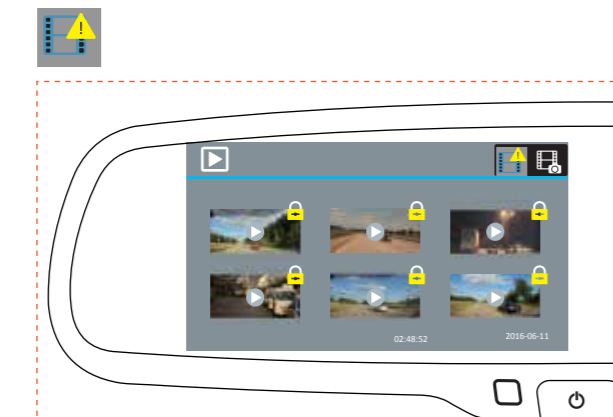
Press "MENU" button for delete function window. Press "SEL/REC" button to delete all or individual videos/photos. Press "MODE" button to confirm. Press "MODE" button to exit.



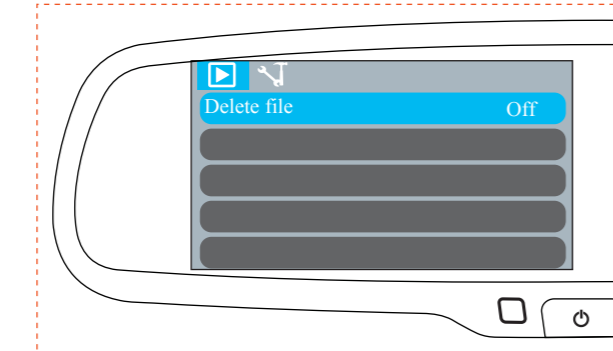
17 Locked video files (SOS)

When not in recording mode

Press "MODE" button twice on the remote to enter normal video & photo mode. Press "UP/DOWN" buttons to switch to Locked video file list. Press "SEL/REC" button to select individual footage. Use "UP/DOWN" buttons to scroll through video or images and press "SEL/REC" button for playback and to pause.



Press "MENU" button for delete function window. Press "SEL/REC" button to delete all or individual videos/photos. Press "MODE" button to confirm. Press "MODE" button to exit.



18 Trouble shooting 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

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 16GB 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 Mirror/Monitor Dash Cam

Fuzzy/dirty image
Please check if the lens is not full of dirt, dust or fingerprints and clean carefully. Please clean lens with cloth before shooting.

Horizontal lines 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 Mirror/Monitor Dash Cam is jammed or not responding
Disconnect from power vehicles battery

Why does my vehicles battery go flat

The Mirror/Monitor Dash Cam's parking mode may be enabled. Turn parking mode off or check condition of vehicle battery.

Micro SD card not recognized by Mirror Dash Cam

Format card in the Mirror/Monitor Dash Cam's menu setting's before use. Make sure card is at least 16G class 10.

A coloured tinge showing up in the video?

Make sure to peel off the transparent protective stickers on the front and rear of the Mirror/Monitor Dash Cam.

19 Safety information & warnings

• Do not use the Mirror/Monitor Dash Cam in damp working conditions; the Mirror Dash Cam is not waterproof

• Do not try opening the shell or trying to repair the Mirror/Monitor Dash Cam by yourself. If the accessories for the Mirror/Monitor 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 Mirror/Monitor Dash Cam, please use a moist soft cloth if you would like to clean the Mirror/Monitor Dash Cam.

• Do not use the Mirror/Monitor 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.

20 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.

21 Specifications

CPU	Ambarella A7
Memory/ Flash	32MB/1GB internal memory for updates
Image sensor	CMOS OV4689-H67A
Video Resolution	HDR1920x1080 30f/ 1280x720 60f/ 1280x720 30f/ 1920x1080 30f
Display	4.3" 16:9 TFT Display
Memory	SD card or TF card (MAX 64GB)
Focus	12cm-infinite
Audio	Built in microphone and speaker
Temperature	-20°C ~ 65°C
Language	Simplified Chinese, Traditional Chinese, English, Russian, Thai and other foreign languages.

22 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.

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

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