

CamRoad-6.1

USER MANUAL

English

THE APPEARANCE & DESCRIPTION



Name	Function
1. [USB Interface]	Charger interface - Connect with micro USB cable
2. [GPS Interface]	When connected with GPS module, while receiving regular GPS satellite signals, you can record and display current driving location.
3. [ON/OFF]	Press ON to turn the camera on; when the camera is on, press OFF to turn it off.
4. [Reset]	Use it to reboot the system when it crashes or the device doesn't respond.
5. [MIC]	Thanks to it you can record sound.

6. [Display]	2.7" TFT High resolution LCD
7. [Indicator Lamp]	Red when Charging; Blue when the device is turned on. Blue light flashes during recording.
8. [Camera Lens]	Thanks to it you can take videos & pictures
9. [Speaker]	Performance sound & Playback sound
10. [Light]	Supplementing light to enhance the brightness in dark environments.
11. [OK]	Record / Stop Recording / Take a photo/ OK Confirm Button
12. [HDMI]	High Definition TV Connection via HDMI port. Mini HDMI cable required.
13. [M]	Short press to display Menu; Long press (3 seconds) to use it as the Mode button In recording mode, short press to lock the file; long press (3 seconds) to turn the MIC On/Off
14. [UP]	Move up the selection in a Menu or Increase Digital Magnification
15. [TF Slot]	Supported TF Cards up to 32GB
16. [Down]	Move down the selection in a Menu or Decrease Digital Magnification

FEATURES & OPERATION

Setting

Insert the CLASS4 or higher speed TF Card into your Car DVR, and mount it by the rear view mirror, or in any other desired position. Then plug in the car charger. Now the Camcorder is ready to use.

Starting the Car DVR

Press and hold [ON/OFF] button to turn on the car DVR, or connect it to the car charger so that the device can start automatically.

Note: During the engine start the current suddenly increases. Although the device has the function of automatic start (when the ignition is on) we cannot guarantee that the strong vehicle current will not damage the DVR. We strongly recommend to first start the vehicle, THEN connect the car charger and use the manual boot mode.

Battery Charging & USB Connection

1. The red charging indicator is on while charging.
2. Plug in the USB cable to connect with computer, press [Up] & [Down] to select "Storage" or "PC Camera" and press [OK] to confirm. Then you can use the DVR as a "Removable Disk" or a "Webcam".

Switching Mode

This car DVR has three operating modes: video, photo &

playback. The default one is a video recording mode (when you power the device on). To switch between the modes short press [M] button.

Recording videos

1. Press [OK] to record. Use [Up] & [Down] to change the digital zoom. Press [OK] again to stop recording.

2. The Video Menu Settings: in the standby mode, press the [M] button, then use [Up] & [Down] in menu to select a given feature and press [OK] to confirm & save your settings.

Here you can set the following video features:

Resolution: optional: 1080HFD / 720P / WVGA / VGA.

Loop recording: Choose between 2mins / 3mins / 5mins

Select OFF to stop the loop recording function.

WDR: Automatically on, no need to set.

Exposure Compensation: +2.0、 +5/3、 +4/3、 +1.0、 +2/3、 +1/3、 +0.0、 -1/3、 -2/3、 -1.0、 -4/3、 -5/3、 -2.0.

Motion Detection: the DVR needs to be connected with a car charger when running this mode. When this mode is on, the device starts recording automatically when there is an object movement. It automatically stops recording after the object cease to move for 10 seconds.

Video Audio: on – both audio and video recording; off - only

video is recorded (without sound). Long press [M] to switch video audio mode while recording.

Date Mark: ON or OFF the date mark.

G-Sensor: Choose between High / Mid / Low. In case of a violent collision of the car the device can start the collision sensing function. The video file from the accident will be automatically locked (it won't be covered or deleted). During a Low mode this function is off.

Taking photos

1. During a video mode press [M] to switch the device into a photo mode. Press [REC] button to take photos. Press [Up] & [Down] to change the digital zoom.

2. Photo menu settings: Under photo mode, press [M], then use [Up] & [Down] to move the selection, and press [REC] to confirm & save your settings. Here you can set the following photo features:

Photo taking modes: single shot (default) / timer 2 seconds /5 seconds /10 seconds.

Resolution: 12M / 10M / 8M / 5M / 3M / 2M HD / VGA / 1.3M .

Image Quality: Good / Standard / Economy.

Sharpness: strong / standard / soft.

White balance: automatic / day / cloudy / tungsten lamp and fluorescent lamp.

Color: Normal / Black and White / Sepia

ISO: automatic / 100 / 200 / 400.

Exposure compensation: +2.0、 +5/3、 +4/3、 +1.0、 +2/3、 +1/3、 +0.0、 -1/3、 -2/3、 -1.0、 -4/3、 -5/3、 -2.0.

Anti-shake: on or off.

Date label: three optional choices: display date / display date and time / off.

Playback Mode:

1. During recording mode: press [M] twice to enter the playback mode. Press [Up] & [Down] to browse files.

2. Browsing images:

1) Press [Up] & [Down] to browse files.

2) Deleting browsed files: press [M] key to show the menu, then press [Up] and [Down] to choose "Delete" and press the [OK] key to show the confirmation dialog box. Select "delete" again (or "delete all") and press [OK] to confirm the operation.

3) Protecting browsed files: press [M] to show the menu, then press [Up] and [Down] to choose the protection function and press [OK] button. A dialog box will pop up in which you can choose to lock or unlock the current file or all files. Press [OK] to confirm the operation.

4) Slide show: when browsing files, press [M] key to show the

menu, then press [Up] and [Down] to select "slide show" and press [OK] key. A dialog box will pop up in which you can press [Up] and [Down] to select the slide duration. Then press [OK] key to confirm the operation. After opening a slide show set the slide duration and the photos will be displayed automatically.

Note: to delete the locked files you must unlock them first. Unlocking method is the same as the locking one.

3. Video playback:

1) Select the video file and press [OK] to play it. Press [OK] to pause the playback. When playing a video, press [Up] and [Down] to rewind and fast-forward the playback.

2) Stop the playback and press [M] button to show the options menu, where you can remove or protect the file as well as start slide show.

System settings

Turn the device on and press the **OK** button to stop recording. Then short press the **M** button once (long press to change the mode). Press the **▲** / **▼** buttons to select one of the setting options and press the **OK** to open that option.

Menu Options	Selection Options	Option Description
Set Date/Time	Adjust fields: Day/Month/Year and Hour/Minute/Second	Use this option to set the date and time of the device. Should the device is not used for a long time and the battery runs completely flat, then the date/time needs to be set again.
Auto Power off	OFF / 1 minute / 1 minutes / 3 minutes	Use it to adjust the time to automatically power off
Language	English / French / Spanish / Portuguese / German / Italian / Polish / Czech / Slovak / Russian / Romanian / Hungarian / Estonian	Choose a menu language.
TV Mode	Select [NTSC/PAL]	For older television sets or monitors which cannot auto select the television display system or colour information, select "PAL"
Light Frequency	Select [50HZ/60HZ]	For older television sets or monitors which cannot auto select the refresh rate frequency, select 50Hz
Screen	Select [Off/3 Mins/5	Use it to adjust an

Saver	Mins/10 Mins	automatic screen saver activation time.
Image Rotation	Select [Off / On]	Use this feature to flip the screen 180° depending on your mounting requirements
Format	Format SD Card [OK/Cancel]	Select “OK” to format the Micro SD card. Warning: formatting the card will erase all the data stored on it.
Default Settings	Select [OK/Cancel]	Select OK to return the device settings back to the original factory settings.
Firmware Version		View the current car DVR software version.

Other Optional Functions

HDMI Output:

Use a special HD output cable to connect the car DVR to the display with HDMI input interface.

The two connection ways above allow you to display the images and videos (also with sound) captured by your car DVR.

Note: This machine support dual-channel output. Please use tri-colour AV output cable. The HDMI display could be used only after 1080P option selection.

GPS Tracking Function:

1. Make sure that the machine you bought has a GPS vehicle

trajectory function and a GPS module receiver.

2. Insert the GPS receiver connection cables in the "GPS receiver" interface of your car DVR. The GPS screen instructions logo will start flashing. After the success of the GPS positioning, the indicator icon will stop flashing. When using the video, it can produce a suffix '.map' in the file name. .

3. Dedicated GPS trajectory video player software is needed to check the recorded information. To download this software you can visit our company's official website.

4. To check the GPS movement track:

(1) Visit our website and download the dedicated GPS trajectory player software to the computer.

2. When the download is completed, loose the package after opening the file folder and double-click the EXE setup file to install the software on the computer.

3. Double-click to open the application. You can use it to play the video and see Google maps with displayed routes (pictured).

1	Minimize and close	Use it to minimize / close the player
2	The map mode	Choose the Google map or the satellite map
3	Import file	Click to find a video file

4	The volume button	Use it to adjust the volume
5	Play button	All the control buttons for video playing
6	The camera button	Use it to take the current images
7	Full screen button	Click it to show the current picture in full screen mode
8	Coordinate display	Use it to display the current latitude and longitude of the track

TROUBLE SHOOTING / Q & A

Fault	Suggestion
The device does not turn off	If in vehicle: check if the 12V socket is not still powered (on) when the key is removed (as it is in case of some European cars). Wait 20 seconds for file finalization/closure. Disconnect the power lead of the device. Press “ok” to stop recording, then press [Power] to turn it off.
Can't playback the .MOV video files	Upgrade your windows media player version or use an alternate media player such as VLC or QuickTime media player.
My video / pictures of an incident are NOT there	Check the capacity of your SD card. The files may have been overwritten in the record cycle process.
The device has frozen / stopped working	Check the speed of your Micro SD card. We recommend class 6 for faster transfer rates, especially if the record file size is bigger Press the “reset” button with a paper clip to reset the settings back to default. If the ambient temperature is excessive, you may

	need to wait a few minutes.
The date / time is incorrect	Reset the date/time in the settings menu. If the battery runs completely flat, then the date/time needs to be reset.
The suction cup keeps coming off	Ensure the windscreen and surface area of the suction cup is clean. In wet or very hot weather, the suction cup mount may need to be reapplied. Do not apply the suction mount on the portion of a windscreen which is not glass (eg; some vehicles may have a coating)
Can't see the device in my computer	Check the USB cable connection to the device and USB port. Try another USB port, possibly directly to the PC/notebook (rather than through a USB hub).
No video displayed on TV	- Check the cable connections and whether the playback mode is selected on the Camera - Check the AV input selection on the TV
The captured image is not stored	Your Micro SD card might be full or the file may not have been saved before the unit was turned off. Make sure to stop recording before shutting the device down.
None of the buttons work	Press the factory reset button.
I cannot turn my device on	Try charging the battery for 10 minutes and try again. The battery may be completely exhausted.
My screen keeps turning off	Try either charging the battery or adjusting the screen saver settings.
I cannot take any photos	Your Micro SD might be full. Try removing some files.
Recording seems to stop by itself	Make sure you are using the right class SD

	card as noted in this user manual.
I get an error message when I try to play back files	You might have some corrupt sectors on your SD card. Try re-formatting it and then try to play the file again.
The video images are hazy	Make sure the lens is clean and free from debris.
There are horizontal stripes interference on the image	Set the frequency setting according to the local power supply– 50Hz

WARNING

MEMORY CARD

Please note that not all memory cards are compatible with your device. We recommend a memory card above a Class 6 Samsung, Maxell.

Overmax Player

Minimum System :

CPU: Intel Core 2 Duo 2.4GHz

RAM: 1 GB of free RAM

Monitor: Resolution 1280*720(or above) OS: Windows 7
(32bit/64bit)

The Car DV mainscreen:



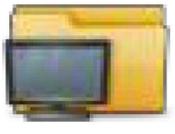
A. Menu

File	Open		
	Setting	Unit	KM/H
			M/H
		Language	English
		簡中	
	繁中		
Exit			

View	Map	
Help	About	

B. Video Player

The displays the current playback image of the screen.

Item		Description
Video Player	 Play	Click play icon to play the video
	 Pause	Click pause icon to pause the vide.
	 Stop	Click stop icon to stop playing the
	 Faster	Click forward icon to make video
	 Setting	Show setting window.
	 Slower	Click backward icon to make video
	 Previous	click previous icon to play previous video.
	 Next	Click next icon to play next video
		Sound on/off
		Open screen capture images folder

	It is used to open file(s) or folder
	Press that to load file's GPS
	Capture the current frame

C. Lon/Lat

Show longitude and latitude

D. Speedometer

Show speed: Maximum, Average

E. Playlist

This player can open 1 file or multiples files or folders. After open, it will show in the file list.

Play list	All Files	Show all files in the default folder.
	Protected Files	Show locked files only.
	+ Add	Add file(s) to the playlist
	X Remove	Remove file(s) from play list.

F. Mini logger

Show MOV file of GPS logger information.

G. Google Map (or others)

Since each AVI file will embed with GPS information.