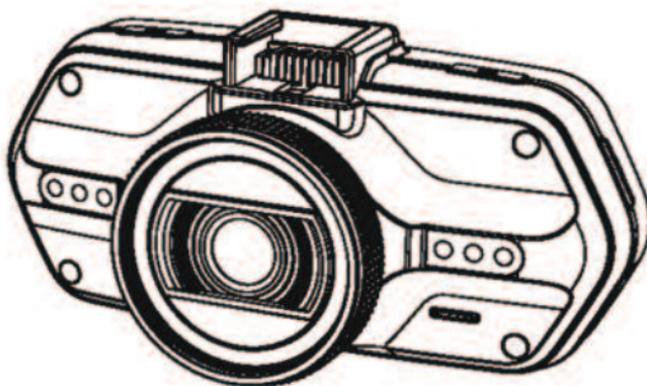


Full HD | Car DVR with GPS Logger

Product Manual / Installation Instructions



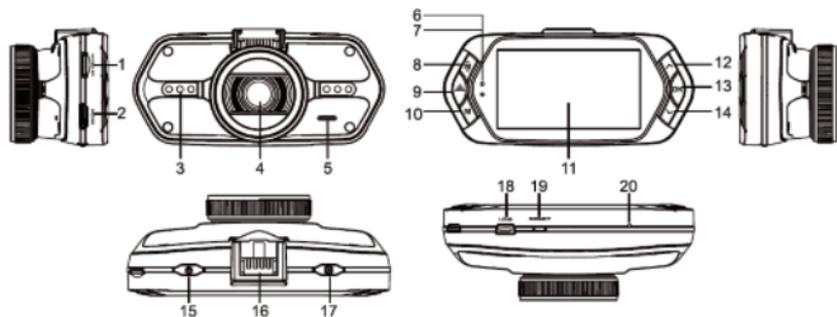
Model # RVS-250C

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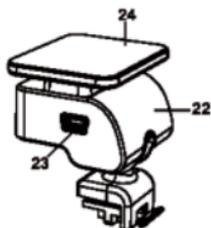
Product Picture & Function

a) Device Introduction



1. SD Card Slot	11. LCD Display
2. HDMI Port	12. Up Button
3. LED Light	13. OK Button
4. Lens	14. Down Button
5. Speaker	15. Power Button
6. Status Light (Blue)	16. Mount Clip
7. Charging Light (Red)	17. Photo Button
8. Menu Button	18. USB Port
9. File Protection Button	19. Reset Button
10. Mode Button	20. Microphone

Product Picture & Function



22. Camera Mount
23. Power Input
24. Sticker for Mount

b) Button Function

Power Button

Press this button for 2~3 sec to turn on/off the device.

Photo Button

In video mode, at any time, press this button to take picture.

Reset Button

If the device crashes, press this button to reset the device.

Menu Button

Press this button during standby or playback mode, to pull up a menu of camera modes. When the device is in recording mode, press this button to change the flash settings 

File Protection Button

In video mode, when device is recording, press this button to set the recording video to be protected manually, so as to prevent it from being overwritten by loop recording. In playback mode, press this button to lock or unlock the video file. When file protection is active, the icon  will appear

Product Picture & Function

on LCD display.

Mode Button

The device only has two modes, video mode and playback mode. Pressing this button during standby will switch device to recording mode. When the device is recording, pressing this button will have no effect.

Up Button

In video mode, press this button to turn on/off LCD display. In menu settings, press this button to move up. In playback mode, press this button to choose previous file.

OK Button

In video mode, press this button to start/stop recording. In playback mode, press this button to play/pause video file. In menu settings, press this button to confirm the menu setting.

Down Button

In video mode, press this button to start/stop sound recording. In menu settings, press this button to go to the next item. In playback mode press this button to choose next file.

Audio Switch

This button is only for the Speed Camera Detector. Push this switch to turn on/off the voice of the Speed Camera Detector.

Product Picture & Function

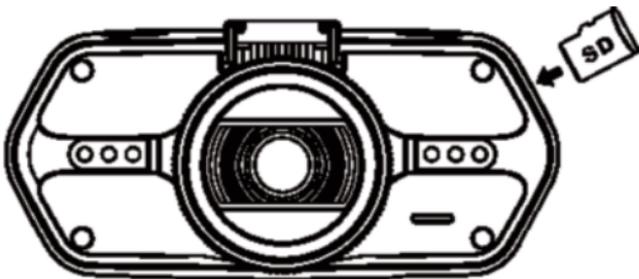
c) LED Light Status List

LED Light	Status	Meaning
Status Light (Blue)	Flash	Device is in Recording
	On	Device is in standby or Playback Mode
	Off	Device is off
Charging Light (Red)	On	Charging Battery
	Off	Charging complete

Basic Operation

a) SD Card Installation

Install the Micro SD into the Micro SD card slot as shown in the picture.



Product Picture & Function

b) GPS Installation

Insert GPS into camera mount as shown in the image below.



Install the device on the windshield with adhesive pad or suction cup mount. When the power is on, the device will automatically start to catch GPS signal. If it doesn't receive the GPS signal, GPS icon "✖" will be shown on LCD display. If it successfully catches the GPS signal, GPS icon "✔" will be shown on LCD display.

Product Picture & Function

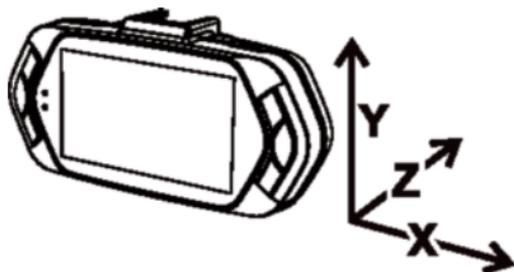
c) Power Supply

Plug the camera charger into the cigarette lighter in vehicle and start engine. The device will automatically power on and start recording.

Note: There are two Mini USB ports, one is on the device, another is on the camera mount. If you connect the car charger to the Mini USB port on the device, the power supply will be to device only. If you connect the car charger with Mini USB port on the camera mount, the power supply will be to the device and to the GPS/Speed camera detector. So, if you want to use the GPS/Speed Camera Detector Module, the car charger needs to be plugged into the mini USB port on the camera mount.

d) G-Sensor Function

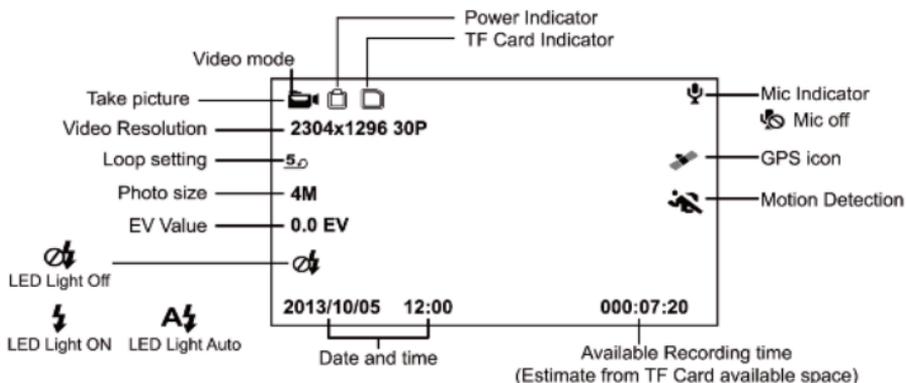
The G-sensor will detect any abrupt movements or stops to the vehicle. When it senses a sudden stop or an impact on the vehicle, it will activate "protection mode". This will protect the video files from being over-written by the loop-recording, saving the most important video.



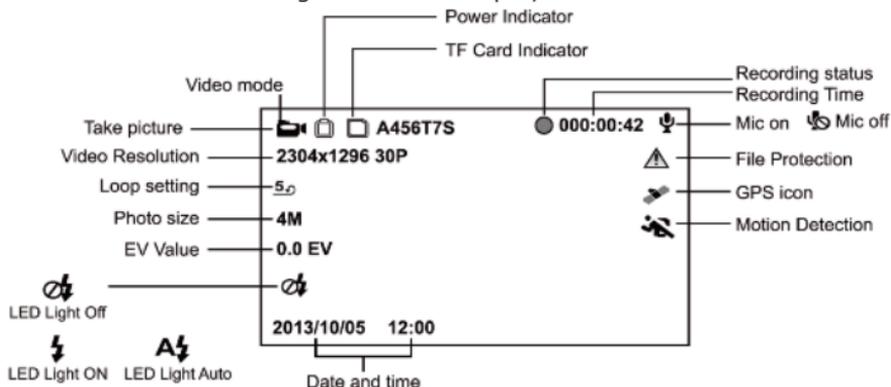
Camera Dimensions

e) Video Mode

In video mode, in standby status, LCD display will be shown as below:



In video mode, in recording status, LCD display will be shown as below:



f) Taking Pictures

In video mode, at any time, press photo button to take picture.

Camera Specifications

g) Playback Mode

Press the Mode Button to enter playback mode, then press Menu Button to choose preview video/picture file. Use the direction button to control playback operation.

Preview in six grids	
Up Button	Previous file
Down Button	Next file
OK Button	Confirm
Menu Button	Enter menu list
File Protection Button	Lock/unlock video/picture file
Mode Button	Change mode

Play	
OK Button	Play/pause
Mode Button	Back to six grids preview

Menu Setting

The device has two mode, Video Mode and Playback Mode.

a) In Video Mode:

Setup	Menu Item
Video Resolution	2560x1080@30fps/ 2304x1296@30fps/ 1920x1080@45fps/ 1920x1080@30fps/ 1280x720@60fps
Loop Setting	Off/1min/3min/5min
Motion Detect	Off/On
Sensor Flip	Off/On
Flicker	Auto/50Hz/60Hz
White Balance	Auto/sunny/cloudy/tungsten/flourescent
Contrast	Standard/High/Low
Sharpness	Standard/High/Low
EV	-2/-1.7/-1.3/-1/-0.7/- 0.3/0/0.3/0.7/1/1.3/1.7/2
Quality	Super fine/fine/normal
Auto Power Off	Off/1min/3min/5min
Time Setup	Time Zone/Year/Month/Day/Hour:Minute
G-sensor Sensitivity	Off/2G/2.5G/3G/3.5G/4G/4.5G
Key Light	Auto/Open/Close
Fill Light	Auto/Open/Close

Menu Setting

Language	English/German/Czech/Polish/ Hungarian/Russian/Chinese/French
Default Setting	No/Yes
Format	No/Yes
Software Version	TRCMA7_50_V1.9.9

b) In playback mode:

Back to Previous Level	
File Protection Operation	Protect Current File/Protect All File/Unprotect Current File/ Unprotect All File
Auto Play	Video Play One/Video Play All/Video Repeat One/ Video Repeat All
Delete file	No/Delete this file/Delete All files
Format	No/Yes

a) Connect to TV

The device can output the video to video equipment (TV or Monitor) to playback the data or adjust the settings.

1. Insert Micro SD card into device.
2. Connect HDMI cable to the video equipment (TV or Monitor) and to the device.
3. Power on the device.
4. Adjust the channel of the video equipment to HDMI input.
5. Installation complete.

b) Connect to Computer

1. Insert SD card to device.
2. Connect USB cable to device and computer, "USB connection" will be shown on the camera screen, and removable disk will be shown on computer.
3. Open the removable disk folder to replay video files and view images.

DVR Player

The camera software comes preloaded onto the microSD card. Simply insert SD card into computer to install software. The DVR player will be shown as below.

The screenshot shows the DVR Player interface with the following components:

- Video Display:** A live video feed of a road scene.
- Google Map:** A satellite map view of the current location.
- G-sensor Diagram:** A graph showing G-sensor data over time.
- Speed Diagram:** A graph showing speed data over time.
- Video File List:** A table listing video files with columns for Name, Create Date, Create Time, Lock, and GPS.

Name	Create Date	Create Time	Lock	GPS
AMBAD112.MOV	2013-05-06	08:47:24	*	*
AMBAD114.MOV	2013-05-06	08:48:26	*	*
AMBAD115.MOV	2013-05-06	08:50:36	*	*
AMBAD116.MOV	2013-05-06	08:51:38	*	*
AMBAD117.MOV	2013-05-06	08:52:39	*	*
AMBAD118.MOV	2013-05-06	08:53:40	*	*

Pressing this button, video file can copy to any folder

* means video is locked

★ means video is locked

The captured picture will be stored in "DVRPlayer_images" folder.

Product Specification

Camera	Resolution	1/3" 4.0 Mega CMOS Sensor, OV4689, good night vision performance
	Lens	F/NO=2.0, 110° Horizon Angle in 1080P
Video	Standard	Mov file, H.264 Compression
	Resolution	2560x1080@30fps/2304x1296@30fps/1920x1080@45fps/ 1920x1080@30fps/1280x720@60fps
WDR Function		Wide Dynamic Range, Good Night Recording
Audio		Built-in Microphone, can be turned off in menu
Still Image		2688x1512 (4M)
LCD		2.7inch 16:9 LCD Display
GPS Logger		GPS Logger for path, position, speed and time record. Replay path, position information on Google Map
G-Sensor		When encounter heavy hit, the device will automatically protect the latest files, so they can't be deleted.

Product Specification

Filter Lens (Optional)	CPL: Circular-Polarizing Filters, could reduce the reflection of inner car on the car window UV Lens: Protect the DVR lens
Other Function	Lit Keyboard for Night Operation
	Uninterrupted Recording: Over-writes first file if memory is full, no interruption between Video File
	File Protection Function: Once File is protected, it wont be deleted during cycle recording
	Automatically starts recording when car starts.

One Year Warranty

Rear View Safety, Inc. warrants this product against material defects for a period of one year from date of purchase. We reserve the right to repair or replace any such defective unit at our sole discretion.

Rear View Safety, Inc. is not responsible for a defect in the system as a result of misuse, improper installation, damage or mishandling of the electronic components. Rear View Safety, Inc. is not responsible for consequential damages of any kind.

This warranty is void if: defects in materials or workmanship or damages result from repairs or alterations which have been made or attempted by others or the unauthorized use of nonconforming parts; the damage is due to normal wear and tear, this damage is due to abuse, improper maintenance, neglect or accident; or the damage is due to use of the Rear View Safety, Inc. system after partial failure or use with improper accessories.

Warranty Performance

DURING THE ABOVE WARRANTY PERIOD, SHOULD YOUR Rear View Safety PRODUCT EXHIBIT A DEFECT IN MATERIAL OR WORKMANSHIP, SUCH DEFECT WILL BE REPAIRED WHEN THE COMPLETE Rear View Safety, INC. PRODUCT IS RETURNED, POSTAGE PREPAID AND INSURED, TO Rear View Safety, INC. OTHER THAN THE POSTAGE AND INSURANCE REQUIREMENT, NO CHARGE WILL BE MADE FOR REPAIRS COVERED BY THIS WARRANTY.

Warranty Disclaimers

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**If you have any questions
about this product, contact:**

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Brooklyn, NY 11233
800.764.1028**

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IT'S OUR GUARANTEE.**

