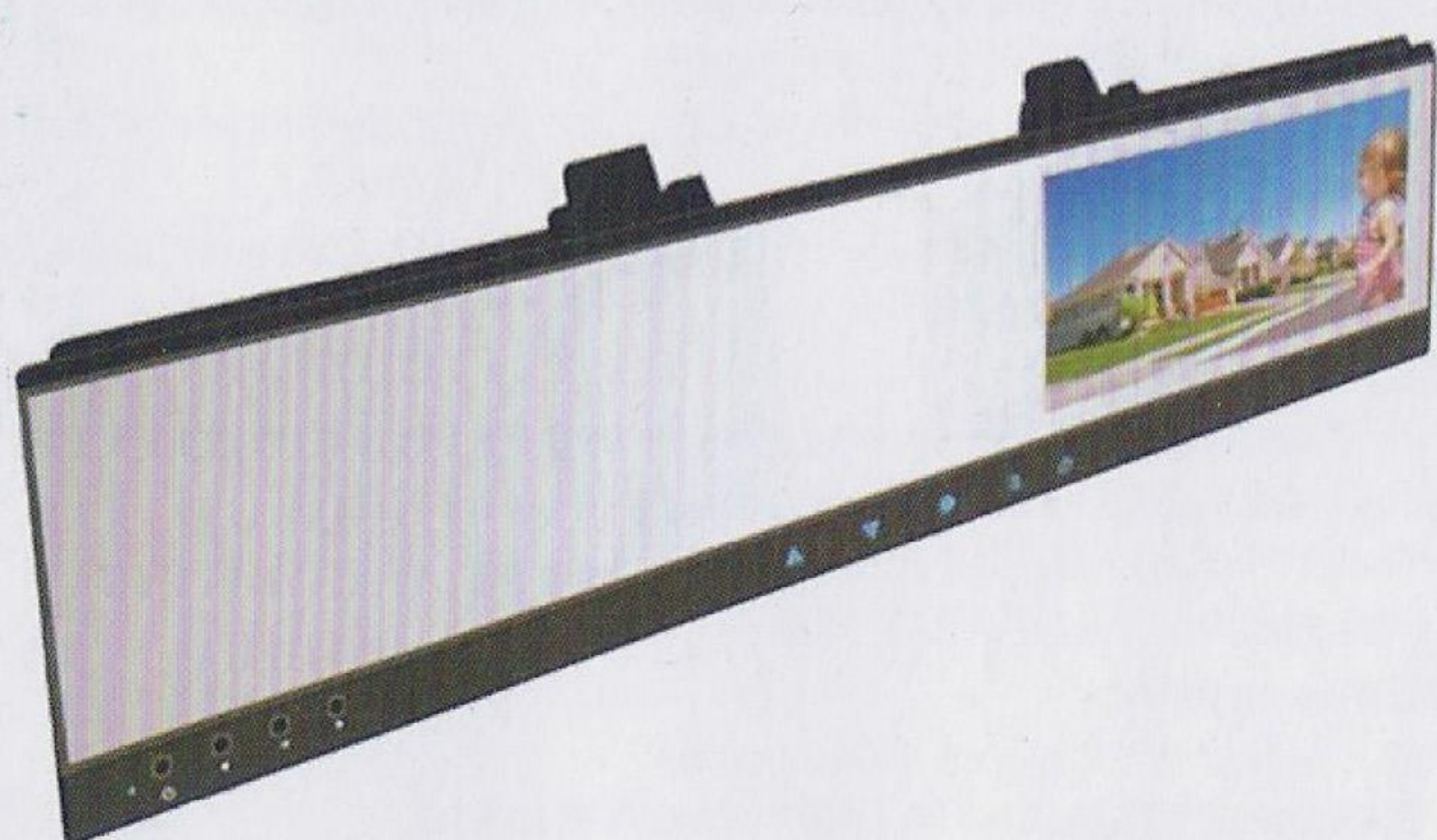


# HD 720P DVR with 4.3" TFT LCD mirror

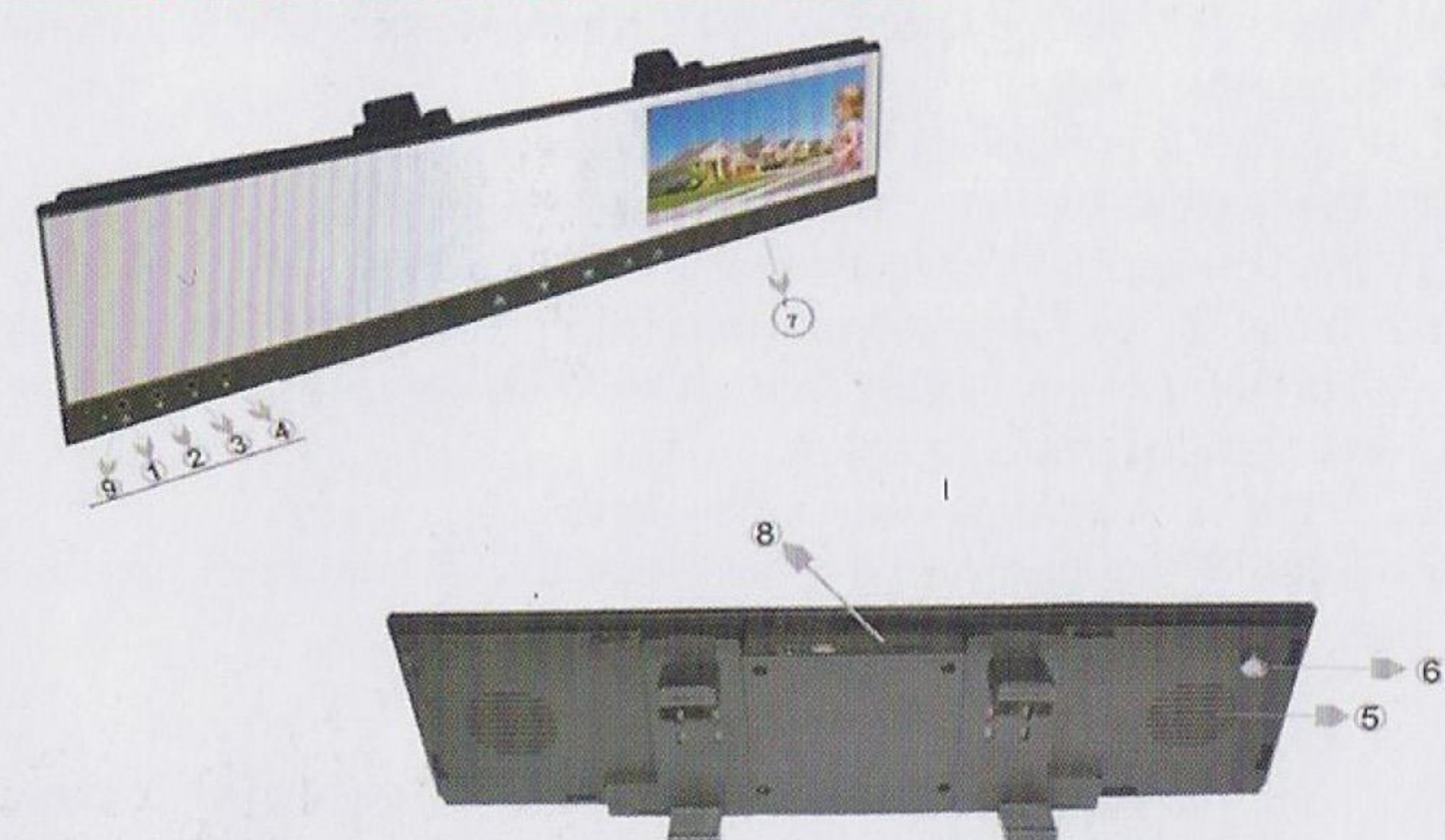
## USER'S MANUAL

### DVR Description



Thank you for purchasing from our company. In order to help you operate it correctly. Please read this user's manual carefully before using.

### Appearance of DVR



- "M" Button: \*press to menu. Press again to next menu, and return.
- Video Button: \*Short press used for Video or entering next option.
- Menu Button: \*Short press used for "Select/Play/Pause", \*Long press used for changing work mode between video mode and playback mode.
- Snapshot Button: \*Short press used for snapshot or entering last option.
- Speaker
- Lens
- "4.3" color TFT LCD
- TF Card Slot
- working lights
- reset button.

### Power supply:

- Use build-in rechargeable lithium battery. NOTE: built-in battery just for delay turn off. (capacity-80mAH)
- Use external DC 12V power supply:
- When the mirror getting the power. it will turn on automatically. and start to record. When you remove the power cable, DVR will automatically shut down after 10 seconds.

### Working mode:

DVR has three working mode: video mode, snapshot mode and playback mode. You can choose anyone as you like.

(Note: Please insert TF card before using, or else have been prompted to "NO CARD" word)

#### Video mode:

When DVR is working in video mode:

- Press snapshot button to enter snapshot mode.
- Press "Y" button for more than two seconds to enter playback mode.
- Press video button to start recording if DVR is not in recording, and press video button again to stop recording.
- Press "M" button to open video menu while DVR is not in recording.

#### Snapshot mode:

When DVR is working in snapshot mode:

- Press video button to enter video mode.
- Press "Y" button for more than two seconds to enter playback mode.
- Press snapshot button to take a picture if the TF card is inserted.
- Press ?M? button less than two seconds to open CAPTURE menu.

#### Playback mode:

When DVR is working in playback mode:

- Press video button to preview next film/picture.
- Press snapshot button to view last film/picture.
- Press "Y" button to stop current film.press "video button" less than two seconds to play next video/then long press "Y" button less than 2seconds to return ,
- Press "Y" button to enter video mode.
- press "M" button to open playback menu if DVR is not in playing films.

### DVR Settings Menu Functions

Parameter setting description:

In one of the working modes, you can press "M" button to show corresponding menu and items setting. Secondly press "M" button to show setup menu. Thirdly press "M" to close menu.

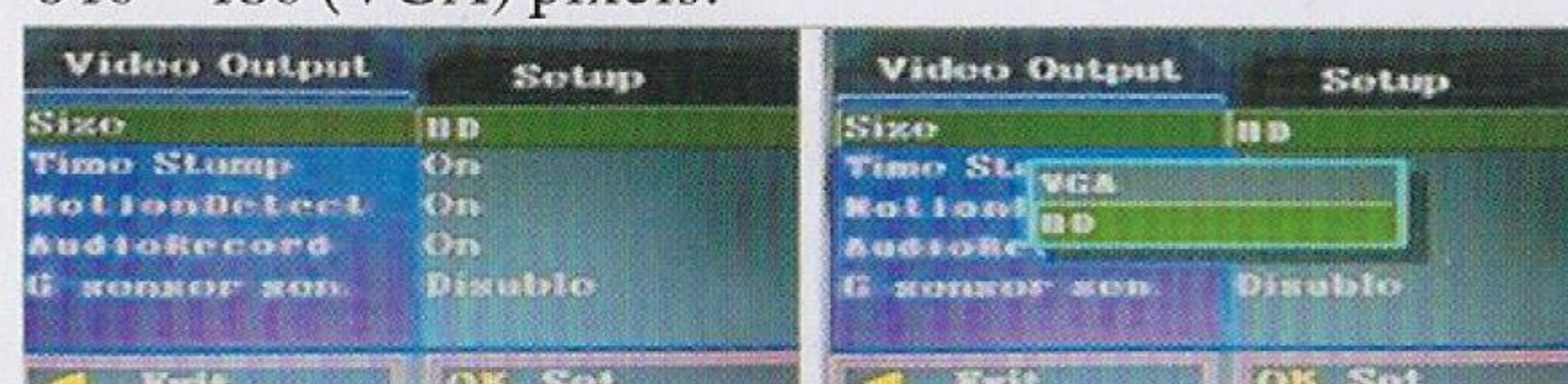
When menu is open:

- Video button is used to select next item.
- "Y" button is used to enter current item setting or select the item function.
- Snapshot button is used to select last item.

The following content introduce all items functions.

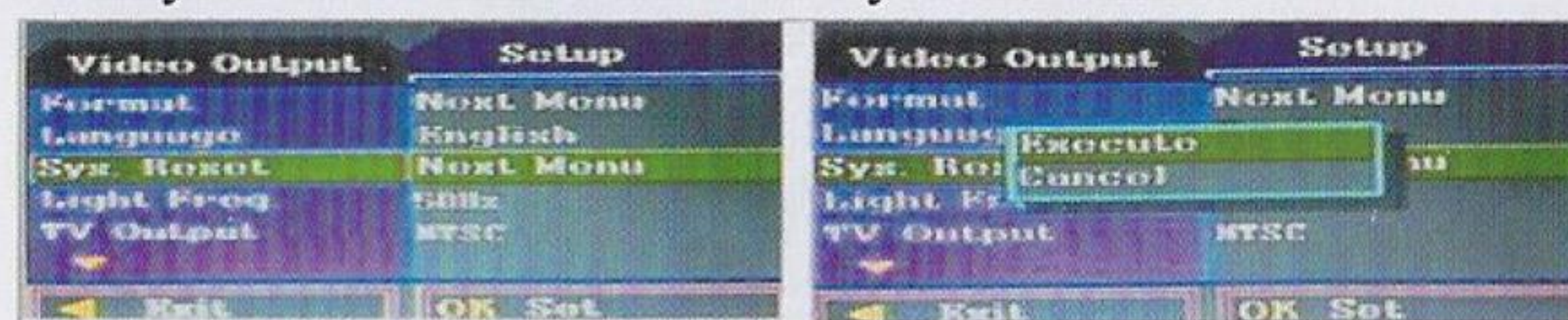
#### Video Menu:

- Image Size: select a video resolution of 1280 \* 720 (HD), 640 \* 480 (VGA) pixels.



- Time stamp: Off / Date Only / Date and Time  
When you select "Off", the video file does not display the recorded date  
When you select "Date Only", the video only shows the current time of the shooting year - month - day.  
When you select "Date and time", the video file to display the captured year - month - day - hours - minutes - seconds.

- System reset: Cancel / Execute.  
When you select Execute. the system will reset.

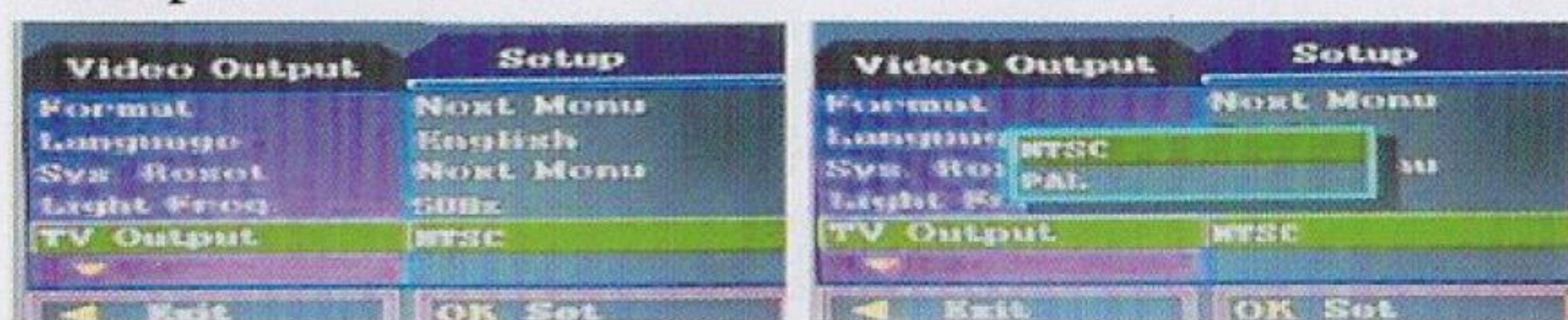


- Optical frequency: 50HZ/60HZ.



- Motion Detection: Cancel / On.  
When you select "On", the picture changes if the DVR front, the machine will automatically start recording. If there no anything move. it will not record after 10seconds.

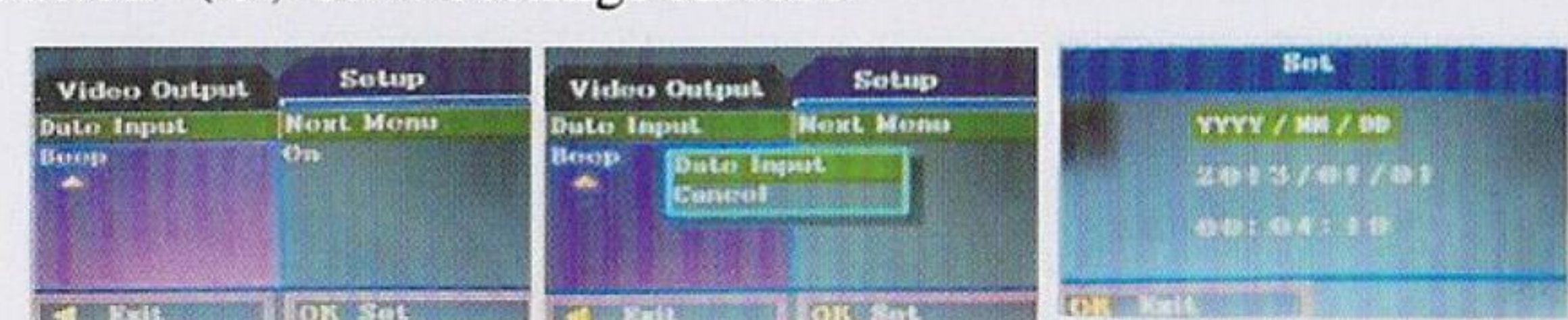
- TV Output:



- Audio switch: Off/ On  
When you select "Off", DVR photography will no longer be recorded.

- The Date setting: Off / Set

When you select the "Settings", press the OK button (3) to enter, select Settings time format of the cursor, hold down the (2) mode button to switch cursor, hold down the (1) page up key or (4) page down key can change the time, press the OK button (3) save settings on exit.



- G-sensor  
Built-in 3axis G-sensor  
When car was overturned or was impacted. it will locked the video automatically and not to be covered.  
There have menu to set: low /normal / high/ OFF.

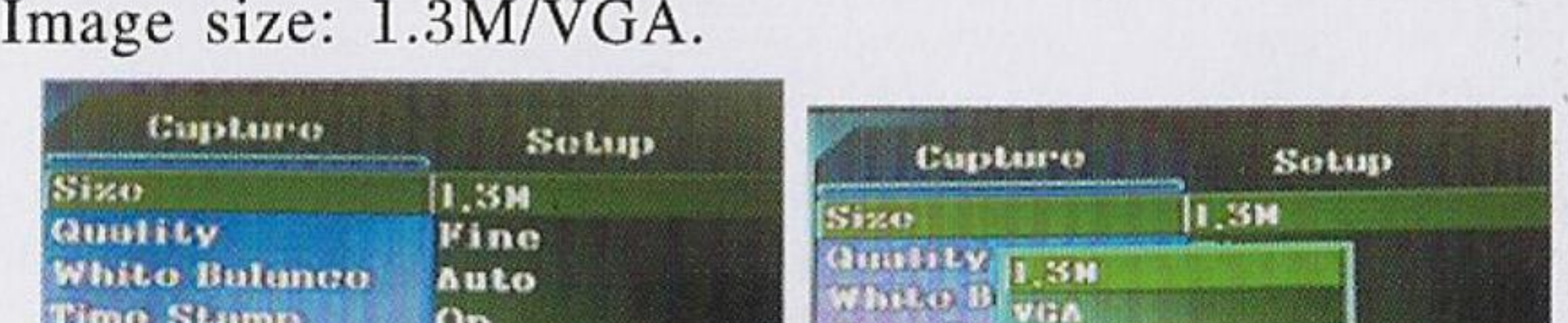
- Beep ON/OFF



- Format: Cancel / Execute.  
When you select "Execute", the machine will format the card slot of TF card.

- Capture mode -> capture:

- Image size: 1.3M/VGA.



- Language Portuguese / Traditional Chinese / Japanese / Русский / English / Francais /Spanish ./German/Italian

- Quality: Fine/Standard/Economy.



- White Balance: Auto /Daylight /Cloudy /Tungsten /Fluorescent

- White Balance: Auto /Daylight /Cloudy /Tungsten /Fluorescent



- Time Stamp

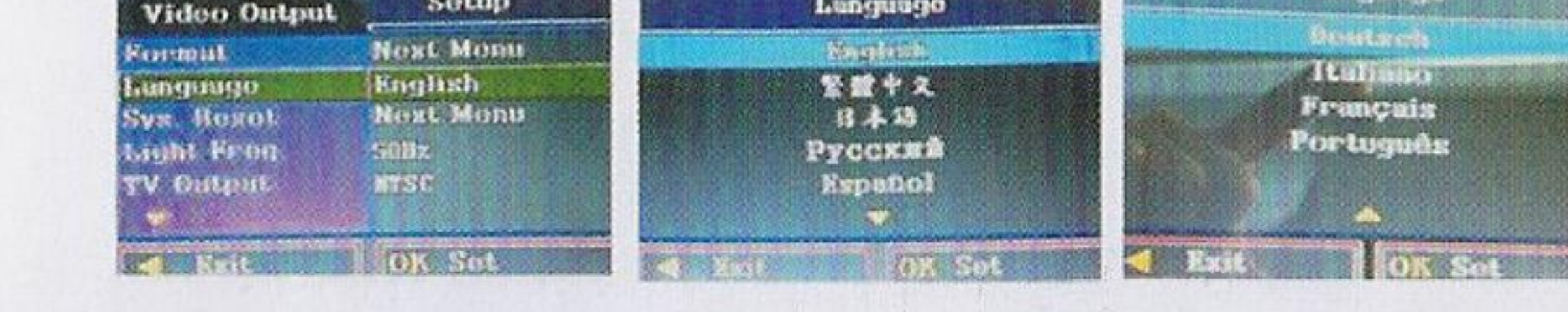


- Play mode -> Playback:

- Delete: Single / All / Cancel



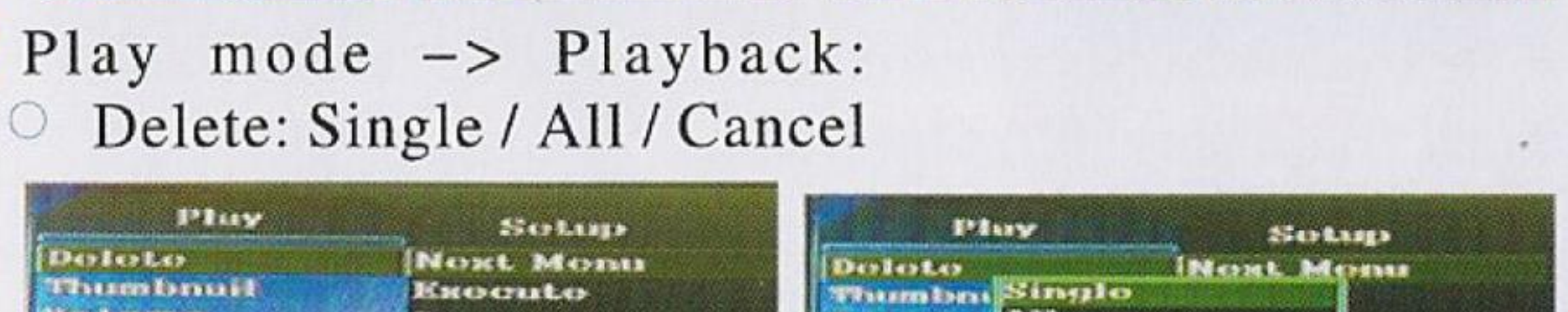
- Thumbnail: Execute



- Volume: 1-8 volume



- Protection: Execute/ Cancel



- Set: In any mode, continuously press the Menu key to enter the setup menu

### Download

- Take out the TF card
- put the TF card in computer
- DCIM/100DSIM folder download the file.

### Note

- In the video before you insert the TF card.
- The camera in video mode can automatically loop recording, when the TF card storage is full, the camera automatically loop recording, and the first photography covering the original file. (Note: In order to avoid all of the original photo files in its entirety, save the file is about 2 minutes or so for a section, when the TF card storage is full and overwritten re-recording each of the original photo files will be overwritten).
- When the battery is low, DVR display "low battery", the display left corner of the battery symbol flashes.

### Accessories

- User Manual
- "4.3" TFT mirror
- 12V Power cable
- Giftbox
- input video wire(connect to other video)

### Technical Parameters

Video recording resolution	VGA / HD (1280x720), archived in AVI format
Capture mode	1.3M/VGA, in JPG format archive
Optional language	1) English 2) French 3) German 4) Italian 5) Spanish 6) Portuguese 7) Traditional Chinese 8) Japanese 9) Russian
Optical frequency	50HZ/60HZ
Seamless video	Video file time difference between less than 1 second
Built-in 1/4 inch low-noise high-quality components salty	
Built-in recording function while charging side	
Motion detection recording function	
Loop recording function, automatically delete the old file and record a new file	
DVR automatically starts recording when the car is start-up.	
When the car is off, DVR will automatically shut down after 10 seconds.	

### TOUCH BUTTON OPERATION

BUTTON	FUNCTION	OPERATION
[M]	Poewr ON/OFF	Long press to ON/OFF the screen
[M]	Show and cancel the parking line	one touch to view and cancel the parking line
[M]	go to menu	one touch go to menu
[M]	Scroll Upward/ Downward	press repeatedly to scroll Upward and Downward
[M]	YES/NO	one touch to YES/NO
[M]	Increase screen lightness	Press repeatedly to Increase the screen lightness
[M]	Decrease screen lightness	Press repeatedly to Decrease the screen lightness

image	Function
	Mini USB connected to mirror
	black wire for getting power white wire avin 1. connected to back side camera. when car reversing to view back-up automatically

This mirror 2AVIN. You can use the input video wire connect to the other video ,such as CCD.DVD.or other video

### Troubleshooting :

- if you power on the mirror there no pic.
  - Check and try the following ways :
  - Reboot the system
  - Format the memory card
  - Check is real original class 6 or above classa memory card
  - Insure you had taken out the cap of camera
  - Press the ?reset?button

### warranty :

The product are designed and manufacture to provide a high level of trouble-free performance. We warrants, o the original purchaser, that their products are free from defects in material and workmanship for 30days from the date of original purchase. Because it is impracticalo publicize all changes in every product. we reverse the right to make such changes without notice.

- All repairs must be performed by us
- The replacement of parts are exempted from this warranty when replacement is necessary due to normal wear and tear.
- All warranty claims must be accompanied by copy of the sales receipt or bill of sale.
- Repair or replacement parts supplied by us under this warranty are protected only for the unexpired portion of the original warranty.

Working Temperature: -10°C to 40°C

Storage Temperature: -30°C to 70°C