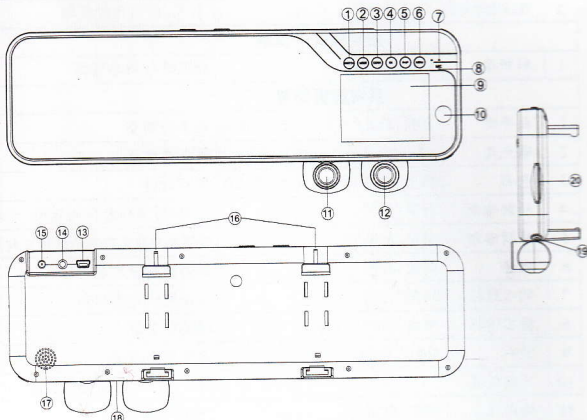# User's Manual of High Definition Rearview Camera Lens Car Video Recorder

Product Structure Sketch Map

① Switch key ② Mode key ③ Down key ④ OK key ⑤ Right/Up key
⑥ Menu key ⑦ Indicator light ⑧ MIC ⑨ Display screen
⑩ Remote control receiving window ⑪ Front lens ⑫ Rear lens
⑬ USB slot ⑭ AV OUT socket ⑮ DC 5V socket ⑯ Pinch clamp
⑰ Loudspeaker ⑱ Reset key ⑲ On/Off key ⑳ SD card slot

Menu Function Settings

Turn the unit on and press Menu key to enter the menu settings screen. Press Right key to select menu type and the Down key to cycle through the setting items; press the OK key to enter the next level of menu and select the specific function item, press the OK key to confirm and then the Menu key to exit.

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Recording Mode Submenu

Items	Sub-menu	Descriptions	Functions
1	Resolution	VGA /720P /720P−H	Select resolution ratio for recording
2	Record duration	2 minutes/5 Minutes/10 minutes/Off	The time of each recording file segment
3	Rear camera On/Off	Off/On	Turn on/off the rear camera

Camera Mode Submenu

1	Resolution	1M/ 2M /3M	Select resolution ratio for photographing

System Settings Menu

1	White balance	Auto/Sunny day/ Fluorescent/Cloudy day/ Incandescent light	White balance adjustment
2	Exposure	-3/-2/-1/0/1/2/3	Exposure adjustment
3	Color	Standard/ Monochrome /Negative/ Retro Light green	Color adjustment
4	Motion detection	On /Off	Turn on/off motion detection recording
5	Time watermark	Off/On	Select whether to display date and time for recording photographing
6	Audio record	Off/On	Select whether to record the audio in video recording
7	Startup recording	Off/On	Select whether to record video when turning on
8	Language	Simplified Chinese / Traditional Chinese / English	Change display language
9	Frequency	50HZ/60HZ	Select power supply frequency
10	Date setting		Set year/month/day/time
11	Forma	Yes/No	Format SD card
12	Restore factory settings	Yes/No	Restore default settings
13	Software version		Software version number

Operation Instructions

[1] Turn On/Off

(1) Long press the On/Off key to turn on or off the unit;
(2) When the charger is connected, DVR turns on automatically; when the charger is disconnected, DVR turns off automatically 5 seconds later.

[2] Record mode

After power on, DVR goes into record mode and starts recording automatically. Now the record indicator flashes. During recording, press the OK key to stop.
Note: please insert a SD card before using.

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[3] Photo mode

After power on, press Mode key and select photo mode, then press OK to take picture.

[4] Preview mode

Turn the unit on and press the Mode key to select the preview mode. Press the Up/Down key to select the desired video file. Press OK key to Play or Pause. Press Mode key to exit.

[5] AV OUT function

Connect the DVR to output terminal like high definition TV with AV connecting line; video can be recorded or browsed/played on the TV.

[6] Screen display switching

With DVR turned on, press the Switch key to switch screen display between front camera, rear camera and double-channel display.

[7] Screen saver

With DVR in standby or recording mode, short press the On/Off key to turn on or off the screen saver function.

[8] Motion detection function

Set the system menu <Motion Detection> to <On> to start the motion detection function. When there is object moving before the DVR, it will start recording automatically; when the object stops moving, DVR stops recording and goes into detect standby motion. When exiting the motion detection, it turns off the motion detection function.

[9] Infrared night vision function

With DVR turned on, press the Right key to turn on or off the infrared lamp of the rear camera.

[10] Date and Time Setting:

After power on, press the Menu key to enter the setup options menu, press the Down key to select "Date Setting" and OK key to go to the next level of menu. Use Mode/Switch/Up/Down keys to adjust the year, month, date and time. When all settings are completed, press OK key to confirm and exit.

[11] Charging:

The DVR can be charged by connecting to DC 5V charger, USB 5V charger or USB interface of computer. During the process of charging, red indicator is solid on. After full charged, the red light turns off.

[12] Connecting computer:

1. U disk function: Connect the DVR to computer with USB data line; select USB-Disk option on the DVR display screen, press OK key to enter the U disk mode.
2. PC camera function: Connect the DVR to computer with USB data line; press the Down key on the DVR screen to select PC-Camera option. Press the OK key to enter PC-Camera mode. Now a standard video equipment will appear on the computer.
3. Record using computer USB: Connect the DVR to computer with USB data line; select REC-Mode option on the DVR display screen, press the OK key to enter record mode.

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[13] System Reset:

If DVR goes wrong during the process of service, press the Reset key, the system will reset and restore default settings.

Technical Parameters

Sensor	3.0 Mega pixels CMOS sensor
Image resolution	H-VGA VGA
Photo resolution	1M, 2M, 3M
LCD	2.7-inch high definition TFT screen
Video encoding and decoding	H.264
Video format	MOV
Photo format	JPEG
Memory card	SD/card 1GB-32GB
USB interface	USB 2.0
Battery capacity	620mAH
Charging time	About 1 hour
Time of duration for recording	About 1.5 hour
Storage consumption	H-VGA 30MB/minute
Weight	300g
Dimensions	280x81x38mm

Accessories:

User's Manual, Remote Control, Car Charger, USB Data Line, AV Connecting Line

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