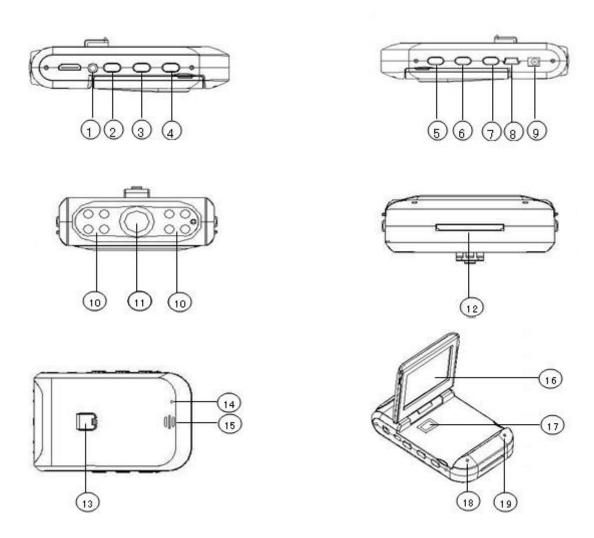# User's Manual of High Definition Car Video Recorder

Product Structure Sketch Map

1. AV OUT Slot   2. Power Switch Key   3. Menu Key   4. Record/ Camera Key

5. Down Key   6. Up Key   7. Mode Key   8. USB Slot

9. 5V Power Supply Socket   10. Infrared Lamp   11. Camera Lens   12. SD Card Slot

13. Bracket Buckle   14. Reset Key   15. Loudspeaker   16. Display Screen

17. Remote Control Reception Window   18. Indicator Light   19. MIC

Menu Function Settings

After power on, press Menu Key ③ to enter settings interface. Select the settings item using Up/Down key; press Record Key ④ to enter next level menu and select specific function item, and then press Record Key ④ to confirm. After confirmation, press Menu Key ③ to exit.
When enters system menu settings interface, press Menu Key twice continuously.

Camera mode sub-menu			
Items	Sub-menu	Descriptions	Functions
1	Size	3M/2M(Default)/1.3M/VGA	Choose output size of the photo
Video mode sub-menu			
1	Size	QVGA	320*240
		VGA(Default)	640*480
		SXGA	1280*960
2	Time stamp	Off(default)/Date/Date and time	Display time and date in the video files
3	Motion direction	Off(default)/On	Video motion detection on and off
4	Video recording time	2 minutes (default)/5 minutes/10 minutes	A single video file segment length of time
Replay mode sub-menu			
1	Delete	Single (default) / all / selection	Select deletion file mode
2	Thumbnail		Thumbnail view
3	Volume	1/2/3/4/5/6/7/8	Adjust volume of the built-in loudspeaker
System setting menu			
1	Format	Format	Format memory card
2	Languages	English / Traditional Chinese (default) Simplified Chinese / Japanese / French / German / Italian / Spanish / Portuguese	Display the selected language
3	Automatic shutdown	1 minute / 3 minutes (default) / 5 minutes / Off	If you do not do anything, DVR will turn off automatically in 1 minute / 3 minutes (default) / 5 minutes
4	Reset system	Executive / Cancel(default)	Restore default settings
5	Optical frequency	50 Hz (default)	Most European power frequency
		60 Hz	Most the United States power frequency
6	Video output format	NTSC (default)	Video formats of the United States and Japan
		PAL	Video formats of Europe
7	Input date	Off(default)/Setup	Adjustment year, month, day and time
8	USB	PC Camera	Connect with USB for PC CAMERA
		Disk drive (default)	Connect USB and data can be read

Note: when DVR turns off that the last setting will be saved.

Operating Instructions

DVR has the function of video recording, photographing, preview, AV OUT, network camera

and remote control, select the function by oneself according to needs during use, please insert SD/MMC card before use.

【1】 Record Mode

After pressing Power Switch Key ② or connecting to the charger, DVR automatically enters Record Mode and starts recording, at this time, blue indicator light is flickering. During video recording, press Record Key ④ to stop video recording, at this time, blue indicator light is always on.

(1) When the charger is working, if power supply of charger is disconnected, DVR shuts off automatically after delaying 5 seconds.

(2) When the video recording file is selected as SXGA (1280*960) format, since the occupied memory space is large, select single file split time as 2 minutes or 5 minutes.

【2】 Camera Mode

After power on, press Mode Key ⑦ and select to enter Camera Mode, press Camera Key ④ to take a photo.

【3】 Preview Mode

After power on, press Mode Key ⑦ and select to enter Preview Mode, press Up/Down Key to select the video files or photo files, press Record Key ④ to play or pause, press Mode Key ⑦ to exit Preview Mode.

【4】 AV OUT Function

Through AV connecting wire, connect the device to TV and other output terminals, video and audio signals can be shown in TV and other output terminals.

【5】 Remote Control Function

DVR can use random configured remote control for remote operation; remote distance is about 10 meters.

【6】 Infrared Photography Function

DVR is equipped with infrared lens and 8 infrared lamps, automatically detect the environment shading strength, reach good night vision effect.

【7】 Motion Detection Function

Set up "Motion Detection" item of video mode menu as "On", start up motion detection function. When an object is moving in front of DVR, DVR will automatically start up video recording; when an object stops moving, it automatically stops video recording and enters detection standby state.

When exits the motion detection, it automatically turns off the motion detection function.

【8】 Charging

It can charge after DVR is connected to the charger, red indicator light is always on during charging, after fully charged, red indicator light is off.

【9】 Connect to the Computer

1. U disk function: Confirmation that the <USB> options of in the system menu is the disk drive, use USB cable connect the computer and there will appear a movable disk and the device enters into U disk mode. Under U disk mode, you can copy or cut the recorded files into computer for playing, and you can also take out the TF card and read the data in card with card reader.

2. PC Camera Function

(1) Install the driver in the disk into computer according to the driver installment method in the disk;

(2) Selection that the <USB> options of DVR system menu is the PC camera;

(3) Use USB cable to connect computer, and there will appear standard video equipment in the screen of the computer, meanwhile, which can be used for PC camera.

【10】Date and Time Settings

Select "**Input Date**" in the system menu interface, press Record Key ④ to enter next-level menu, select "**settings**", press Record Key ④ to **confirm, enter date and time settings interface**.

In the date and time settings interface, press Record Key ④ to enter next settings, use Up/Down Key to adjust the year, month, day and time, after all the settings are done, press Record Key ④ to confirm exit.

After entering date and time settings interface, before adjusting time and date, press Up/Down Key to select date and time format:【year/month/day】,【day/month/year】, 【month/day/year】.

【11】System Reset

If abnormal condition occurs to the device during use, use a small stick of diameter 1mm to press the **Reset** key, the system will reset automatically.

Technical Parameters

Sensor	3 million pixel CMOS sensor
Image resolution	SXGA/1280*960,VGA/640*480, QVGA/320*240
Visual angle	120-degree wide-angle
LCD	2.5"TFT display
Video format	AVI file format 30fps
Photo format	JPEG
Continuous recording time	About 3 hours
Memory card	SD/HC card 1GB-32GB
USB interface	USB1.1/2.0
Operating System	Windows2000/me/xp/2003;Vista;macos;linux
TV output	NTSC/PAL
Battery capacity	750 mAH
Charging time	About 4 hours
Storage consumption	VGA format 1GB/about 35 minutes
Weight	96g
Dimension	103*64.5*25mm

Packaging Accessories

CD-ROM	User's Manual	Car charger	Remote control
USB Cable	AV Line	Bracket	