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|---------------------|------------------------|
| 1. HDMI port        | 10. LCD Screen         |
| 2. USB port         | 11. Emergency Lock Key |
| 3. TV-OUT port      | 12. Reset key          |
| 4. Bracket base     | 13. Down key           |
| 5. Lens             | 14. Mode key           |
| 6. Speaker          | 15. OK key             |
| 7. LED lamp         | 16. Menu key           |
| 8. TF card slot     | 17. Up key             |
| 9. Status indicator | 18. Power On/Off key   |

### Power capacity



  
 Full                  Middle                  Low

1. Directly connect the car charger to the USB port of the DVR, then the device will automatically turn on and charge the battery. In charging, the charge indicator will be on; after charge is over, it will be off.
2. To charge the device with USB, be sure to connect one end of the USB data cable to PC and the other end to the DVR. In charging, the charge indicator will be on; after charge is over, it will be off.

### Installation and Removal of TF Card

1. In the direction as indicated, insert the TF card into the slot until it is held firmly.
2. To take the TF card out, slightly press the TF card to eject it out.

**Note:**

1. Observe the direction to insert the TF card; if the direction is reverse, the device and the TF card may be damaged.
2. When the TF card is inserted into the device, the machine will set the TF card as preset storage unit and the data in the original TF card will be unreadable.
3. If the TF card is incompatible with the device, please insert the card again or replace it for retry.
4. Max. 32G supported.

### **Use Guidelines**

#### **DVR On/Off**

1. Press the On/Off key around 1s to switch on the device and 3s to switch it off.
2. Insert the device into the car charger to automatically switch on and turn off the card charger to automatically switch it off.

#### **Switch Working Modes**

1. Press the Mode key to switch Video/Image/playback,  as video mode while  as image mode. These icons are screen on the left upper corner of the screen.

#### **How to Enter System Setup Option**

In video or image mode, press the Menu key once and then the Menu key to enter the “System Setup” option:

- \* Language: Choose the desired language from various languages.
- \* Recording: On/Off.
- \* Key tone: on/off.
- \* Volume: off/1/2/3
- \* Flash lamp: On/Off.
- \* Date/Time: Date and time adjustment.
- \* Gravity sensing state: Off/high/middle/low.
- \* Power frequency: 50Hz, 60Hz.
- \* TV-OUT: PAL/NTSC
- \* Format: Ok/Cancel.
- \* Power saver: Off/30s/1min/3min.
- \* Restore factory settings: Ok/Cancel.
- \* System info: Software version
- \* Card info: Memory card information

#### **How to Take Videos and Set Video Options**

##### **1.Video**

When the device enters the video mode, the icon  will appear on the upper left corner of the screen; press the OK key to start

recording videos; in recording videos, the icon  on the upper left corner of the screen will flicker. Press the OK key again to stop, then the icon  will disappear. In video taking process, press the UP key as shortcut key to activate/inactivate sound, press the DOWN key as shortcut key to have emergency lock.

## **2. Selection of Fill Lamp**

Open the fill lamp via menu options and open the night mode.

## **3. Set Video Options**

Press the Menu key to enter the setup of video options.

Resolution: FHD ( 1080P ) /HD ( 720P )

No-interval circular video: OFF/1min/3min/5min.

The date of the postmark: on / off

Exposure Compensation: +3 to -3

Motion Detection: On/Off.

## **Take and Set Photos**

1. Press the On/Off key to enter the video mode; press the Mode key to enter the image mode indicated with the icon  on the left upper corner of the screen.

2. When the OK key is pressed, when the sound “click” is heard, the image preview waiting will occur. About 1s later, the shooting will be complete. In shooting, be sure to hold the DVR firmly without shock so as to avoid affecting photo quality.

Resolution: 12M/10M/8M/5M/2M

Exposure Compensation: +3 to -3

### **Tip:**

1. In any of the modes of video/image/playback, you may press the Mode key to switch such modes circularly.

## **Playback Mode**

### **1. Browse Files**

When the device completes the switch-on program and enters the video mode, press the mode key twice to enter the replay mode, press the UP/DOWN key to browse the images and videos. In replay mode, you may browse the files by categories only; if the file type is video, you can only browse videos; if image, you may browse images.

### **2. Delete and Protect**

In replay mode, press the menu key to have the options Delete and Protection lock. Press the OK key to enter the options “Delete the

present” and “Delete all”, press the OK to enter and again to confirm. You may add a lock to the file; before unlocking, you cannot delete it; in such way, some important files are protected.

### **Mode of Videoing while Charging**

Connect the car charger to the USB port of the device, switch it off to enter such mode.

### **Data Backup**

#### **USB Backup Mode**

Connect the DVR and PC with USB cable, in such case, the device will automatically turn on and enter the MSDC mode; open “My computer” on the desktop, then one moveable disk will appear. The moveable disk stores corresponding files by file type.

### **Remarks:**

1. PC operation system: Windows 2000/XP/Vista/Windows 7 or above.
2. Remove the USB cable to turn off the DVR.

### **Connect to TV**

1. Use the HDMI connection line to connect the DVR to a TV for playback.
2. Use a TV cable to connect the DVR to a TV for videoing, shooting and browsing pictures and videos.

**Tip:** Without driver installed, the mobile disc may be used when the DVR is switched on.

**Remarks:** When this device crashes due to improper operation, press the Reset button to restart and restore it.

### **Technical Specifications**

LCD size	2.7", 320*240 RGB LCD
Lens	170 °A+ class high-resolution super wide angle
Language for options	Multi-lingual
Video size	1080P/720P
Video	H.264 AVI/MOV

format	
Photo resolution	12M/10M/8M/5M/2M
Photo format	JPG
TF memory card	TF
Microphone/Speaker	Inbuilt
Light source frequency	50Hz/60Hz
TV output	NTSC/PAL
USB port	USB2.0
Power supply port	5V 1A
Battery	Polymer Battery 240MA
Operation system	Windows 2000/XP/Vista/Windows 7 or above

Note: We reserve the right to change the design and specs of this product without further notice.