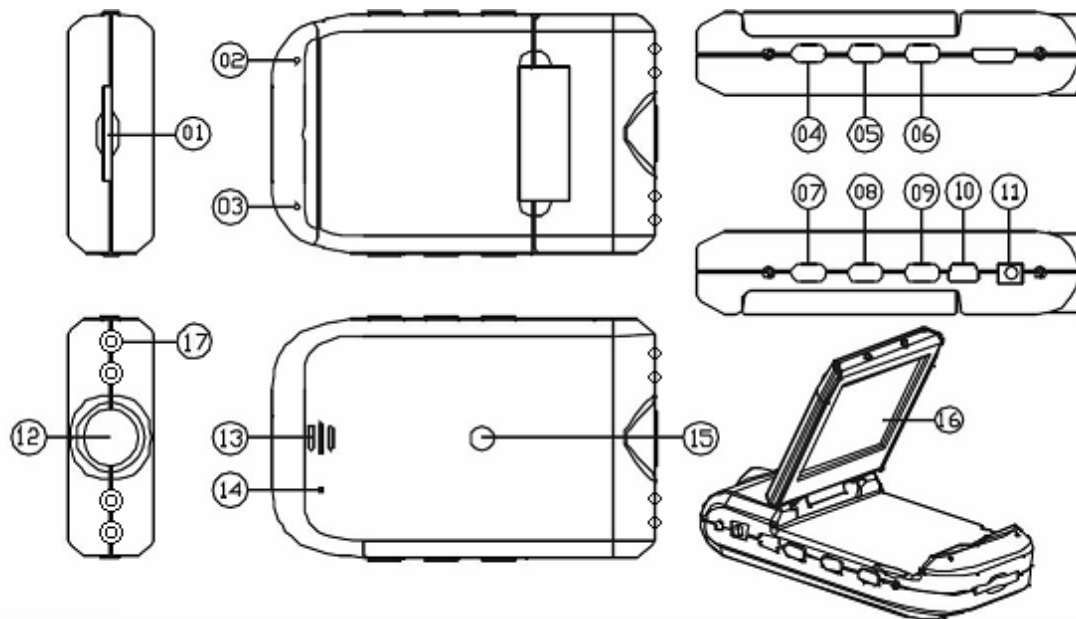


# Road Safety Guard

## Instruction Manual

Thank you for purchasing Portable DVR from our company. In order to help you operate it correctly, please read this instruction carefully before using.

## **Product Picture and Function**



- |                              |                  |
|------------------------------|------------------|
| 1. SD/MMC Card Slot          | 9. Mode Button   |
| 2. Working (Green) indicator | 10. USB Slot     |
| Charging (Red) indicator     | 11. TV-OUT       |
| 3. Microphone                | 12. Lens         |
| 4. REC / Snap                | 13. Speaker      |
| 5. Menu                      | 14. Reset hole   |
| 6. ON/OFF Power Switch       | 15. Mount hole   |
| 7. Up /Down                  | 16. 2.4 inch LCD |
| 8. Night Lights              |                  |

## **Attached Accessories**

- Manual
- Mount
- USB Cable
- Car Charger (Include the adaptor 12V/24V transfers to 5V)

## **Operate**

Two Power options:

A) Use built-in Li-ion battery

DVR can be activated after it has been placed on the vehicle by pressing the Power Switch ⑥ for 1 second and turn off by pressing it for 2 seconds.

Charging: connect with USB cable or car charger.

#### B) Connect with Car Charger

DVR will record automatically when the car starts, turn off and save the last file when the car stops.

### **Recording**

DVR will enter into defaulted recording mode when turn it on, the work indicator blinkers and indicates it is recording. The recording file is saved in the SD/MMC Card. To stop, press **Recording Button** ④ or ending when car stops, the work indicator won't blinker.

### **Camera mode**

Turn on the DVR and press **Mode Button** ⑨ to enter into Camera mode. To take photo by pressing **Snap Button** ④.

### **Manual Focus Function**

In Camera or Recording mode, press UP/DOWN Button the screen will show focus icon then press UP/DOWN button to choose need focus, you can choose (1x~8x)

### **Night Vision Function**

Press Menu button then choose Night vision, DVR will enter Night vision status, if you want to exit choose off

### **Preview and Delete**

Turn on the DVR and press **Mode Button** ⑨ twice to enter into Preview Mode. Press **Up or Down** to select the previewed file. If it is video file, it can play or pause by pressing **REC Button**, and stop by pressing **Mode Button**. If you want to delete it, press **Menu Button** to enter into delete mode, and then, select Single, All by **Menu Button** and **Up/Down** and confirm to delete the file by **Menu Button**. Also select **Slide show, Protect file, Thumbnail mode** and **volume** (from 1 to 8) under the **Preview Mode**.

### **Setting the functions:**

Turn on the DVR and Press **Menu Button** under Video mode or Camera mode to enter into setting interface. Confirm by **Menu Button** and Select by **Up/Down** for the following setting. Press **REC Button** to exit.

#### **A. Video mode**

1. Size: Select VGA, QVGA, SXGA.
2. EV: -2.0, -5/3, -4/3, -1.0, -2/3, -1/3, +0.0, +1/3, +2/3, +1.0, +4/3, +5/3, +2.0

3. White Balance: Auto/Daylight/Cloudy/Tungsten/Fluorescent
4. Time Stamp: Off/Data Only/Data &Time
5. Motion Detect: Off/On
6. Video Time: 3Min/5Min/10Min/15Min
7. Audio: On/Off
8. Flip Screen: Off/On
9. Night Mode: Off/On

#### **B. Camera mode:**

1. Size: VGA/1.3M/2M/3M/5M/8M/12M
2. Quality: Fine/Standard/Economy
3. Scene Mode: Auto/Sport/Night/Portrait/Landscape/Backlight
4. EV: -2.0, -5/3, -4/3, -1.0, -2/3, -1/3, +0.0, +1/3, +2/3, +1.0, +4/3, +5/3, +2.0
5. White Balance: Auto/Daylight/Cloudy/Tungsten/Fluorescent
6. ISO: Auto/100/200
7. Color: Standard/Vivid/Sepia/Monochrome
8. Saturation: High/Normal/Low
9. Sharpness: Hard/Normal/Soft
10. Preview: On/Off
11. Time Stamp: Off/Data Only/Data &Time
12. Burst: Off/On

#### **C. Setting Mode**

Whether under idle Mode, Press **Menu Button** and then press **Mode Button** to enter into **Setup** interface.

1. Format: Select it if you want to format the SD card.
2. Beep: Off/On
3. Language: Select[English/ French/ Deutsch/Italian/Spanish/Portuguese / T-Chinese/ S-Chinese/ Russian/ Turkish/Korean]
4. Auto Off: 1Min/3Min/5Min/Off
5. System Reset: select [Cancel or Execute system] reset.
6. Light Frequency: 50Hz/60Hz

7. TV Output: NTSC/PAL
8. Data Input: Set correct recording data and time.
9. USB: PC Cam/Disk Drive
10. Version : Check software information

### **Preview on the TV**

Connect the AV link of DVR with the TV, and enter into the preview mode automatically. The operating steps are same as preview on the screen.

### **USB Mode**

Connect DVR with computer by USB cable, [My computer] will occur removable disk, the file id stored at Removable Disk/DCIM/100DSCIM. At the moment, the file of the DVR can be downloaded to the computer.

### **Note:**

- 1) Please insert the SD/MMC card before recording.
- 2) This DVR Records in cycle if you choose 3/5/10/15 minutes as storage time. When the storage medium is full, it will record from the beginning again and erase over the previously recorded material automatically. It will have 3 seconds pause time, and namely the contents in the 3 seconds will not record.
- 3) Because the DVR is DC5Vinput, please use the attached car charger. It has adaptor 12V/24V transfers to 5V already.

### **Technical Specifications**

- 1) Recording resolution: 1280\*960/640\*480/320\*240 pixels
- 2) Video format: AVI
- 3) Repeat storage by section: 3/5/10/15 minutes
- 4) Power source: Built-in rechargeable battery or 5V Car Charger
- 5) Supports SD/MMC card(From 256MB up to 32GB)
- 6) Microphone: can record sound

### **Small Tip to Save You Big Headache**

A DVR is in a way very similar to a computer. If the DVR hangs itself during operation, please follow the procedures below and most likely the DVR can be re-activated.

DVR will restart after press Restart Hole gently by diameter less then 1mm column.

