

## Vehicle Recorder Manual

Thank you for choosing the vehicle recorder, dear user! This product gives you effective help in driving: improve traffic safety, quick disposal of the accident and distinguish the responsibility. Please read the manual before use.

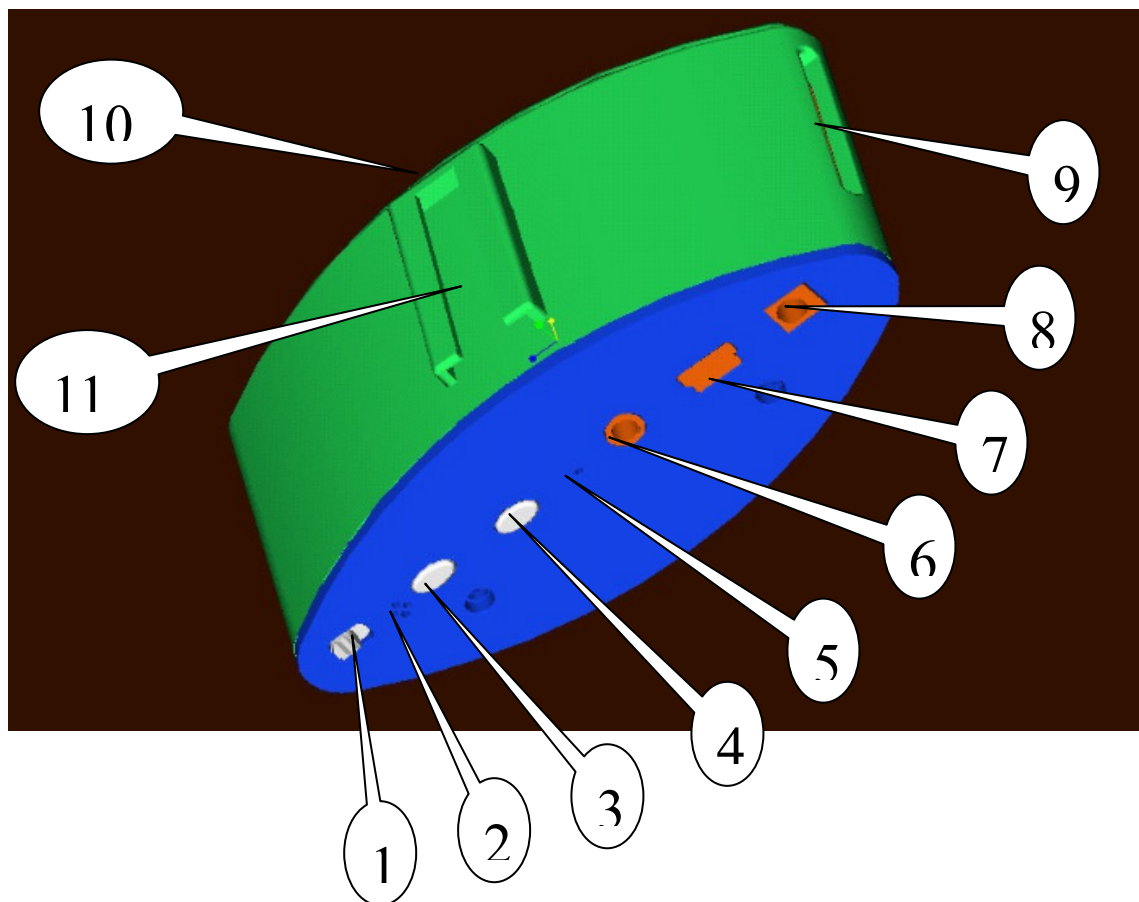
### [1]. Product and accessories:

#### \* Product Check List:

1. Camera
2. Suction Pad
3. Cigarette Lighter and power cord
4. USB cable
5. TV cable
6. manual book

Before starting, check that all the below items have been included with your camera. If anything is missing, contact the local distributor.

#### Camera Description:



1. V / P button (video / power on(off))
2. LED (start indicator / record indicator )
3. STOP (stop button)

4. HEC (position light / QVGA switch)
5. RES
6. TV
7. USB interface
8. DC Interface
9. SD card slot
10. Lens
11. Suction pad

**\* Warranty:**

Warranty guarantee: 1 month for replacement, 1 year for warranty since the date of purchase. Please keep the warranty cards and notes. The warranty excludes the man-made destroy.

**[2]. Installation:**

1. Get out of the vehicle camera and suction pad from the package box. Insert the iron sheet of the suction pad into the slot on top of the vehicle recorder, then tighten a piece of resistance above the iron sheet of the suction pad.
2. Clean the windshield, point the camera to the desired direction, push the suction pad against the windshield, and press the button toward the suction pad until the pad is firmly mounted.
3. The camera will start recording automatically, after connecting the power by cigarette lighter (cigarette lighter for the DC voltage 12 V input, 5 V output).

**[3]. Product main parameters:**

1. Image sensor: CMOS
2. Resolution: 640 X 480 / 320 \* 240
3. Viewing angle: 70 degrees - 170 degrees (optional)
4. Focus: 60 CM ~ infinity
5. White Balance: Automatic
6. File format: AVI format
7. Working power: DC 12V ~ 24V
8. Working Temperature: -20-70

**[4]. Functions and Features:**

**\* video & Photo function:**

1. The indicator is red when the camera is initializing. The indicator is blinking when the camera is recording.
2. AVI video format. The period of each clip is about 5 minutes. New clip will loop over the oldest previously recorded clip automatically when the memory card is full.
3. The recording can be paused by pressing the "Stop" button.
4. Enter into the photo function by pressing the "V/P" button in state of "stop" record.
5. Change the resolution into 320\*240 by pressing the "/QVGA" button 4 seconds in state of "stop" record. When the record indicator blinks, the change succeeds. The default resolution is 640\*480 of the vehicle recorder.

**\* Microphone:**

1. The audio file and video files are recorded together in recording.

\* TV-OUT function: The photos and video in SD card can be watched by TV line in accessoires. Plesase press STOP button for next item in watch.the video file will play automatically.In the state of TV-OUT, press "STOP" button long item,all the contennts in SD card will be deleted and fomated.

\* USB functionsTransfer the files in SD cardto computer. Support the software of Windows Media player player and other player softwares;

**\* Delay:**

1. The camera will keep recording for 15 seconds after your car is shut off.

**\* Laser pointer:**

1.Enter into laser pointer by pressing "HEC"button,less than 3 seconds.(the camera will go into QVGA when press more than 3 seconds.)

2. Integrated laser pointer indicates which point you are recording.

**\*Auto Reset:**

When the system halts,the product will reset automatically in 4 seconds.If the system can't detect the halt,please press the reset hole byhand.

**\*Adjusting Time and Date**

After connecting the power,press the REC button,then enter into the time sychoronized state.By the software in package box,modify the date and time.

**[5]. maintenance:**

1.Keep clean of the lens and windshield

2.Confirm the suction pad is against the windshiled closely

3.Delete the files on SD cards once one week,to make sure there is enough space left on SD card.Save the files from SD card on computer or other movable flash disks.When the quantity of files reaches 10000,the systeme will fomate the SD card automatically.

4.Notice the voltage of power output. Cigarette Lighter is 5V DC converter;

5. When the product records too many,the system will generate a MISC folder automatically in SD card for analyzing the error reports.To remove the MISC folder,formate the SD card or delete it.