

## 360° DASH CAM RECORDER



### Quick Start Guidance



### Product parameter

|                              |                                                    |
|------------------------------|----------------------------------------------------|
| Solution                     | Allwinner A33 ARM Cortex-A7 Quad-Core/1.2G         |
| Screen                       | 4.5 inch IPS MIPI 854*480                          |
| Storage                      | RAM 256M DDR3                                      |
|                              | NO FLASH storage 16M                               |
| Touch Screen                 | Capacitive touch screen                            |
| Front SENSOR Pixel           | SC3033 1/3 3.6 million 1440*1440/H360°/24FPS       |
| Back SENSOR Pixel            | JX-H65 1/3 100W 1280*720 (15fps)                   |
| Front lens nominal parameter | H 360 degrees V 220 degrees (measurement error 5%) |
| Back lens nominal parameter  | 2G+2P+IR650 f=2.2MM F/ON=1.95MM                    |
| Voice recording              | Can set to ON/OFF                                  |
| Parking monitor              | Support                                            |
| Language                     | 简体, 繁体, English, Japanese (default simplified)     |
| Speaker                      | Built-in                                           |
| VeSee player                 | Requires Windows7 or later                         |
| Voltage                      | DC12V                                              |
| Power consuption             | Approx 5W                                          |
| Internal power-supply        | Super capacitor                                    |
| Storage temperature range    | -20~+75℃                                           |
| Working temperature range    | -10~+65℃                                           |

**Note:** For the best performance and durability of video recording, we recommend to use C10 U1 level TF card or better.

1. SD cards can be made by several different ways using different memory types and formatting types. In general, two types are commonly found, MLC and TLC. TLC type cards are generally used in phones or other equipment that does mostly reading only, such as playing back ground music. MLC type cards are designed for devices that read and write often such as DVR's or video cameras. TLC type memory will often fail more often under heavy recording of this type.

2. We only recommend brand name, high quality SD (or TF) cards using MLC technology for this HD DVR mirror. Also only use cards with a 2K or higher (4k) recording speed. Using lower quality memory or incorrect speed memory will affect the recording quality and may cause system errors.

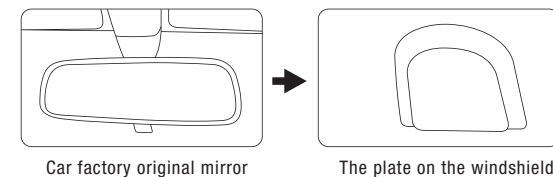
3. Most SD Cards have a working life of about 2 years. Heat, amount of recording time, and overall usage, as well as the quality of the card may vary as will the life of the card. Memory cards do need to be re-formatted from time to time and should be replaced at least once per year to insure your DVR performing as expected. Remember your DVR is always recording when it is on, this is not the same as a normal camera that only records when a picture is taken. We suggest using a 32GB MLC type SD memory card with a minimum speed of 90mb/s for the best recording quality and reliability.

4. This DVR uses new technology and relies heavily on the SD Card memory. If the mirror or SD card fail to operate correctly and fail to record an incident, the manufacturer or re-seller cannot be held responsible. We recommend you check your SD card regularly to insure the system is operating correctly. This device is designed for entertainment purposes only and you should check all local laws that may relate to using such a device in your vehicle. Always use carefully when driving as safety is always the drivers first responsibility.



### HOW TO INSTALL MIRROR MONITOR

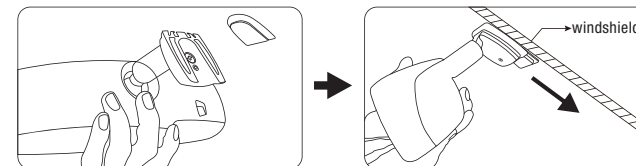
#### Remove the original mirror



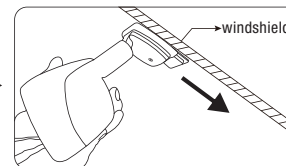
Different cars have different brackets. It depends on your vehicle maker and manufacturer. There are many methods to remove the original rear view mirror, however, please don't force the mirror off the bracket.

The manufacturer will not be responsible for damage caused to your car by wrong installation of the mirror.

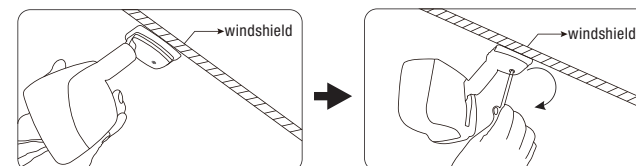
#### Install mirror monitor on the plate



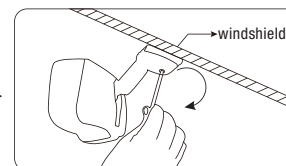
Take down your original mirror, and make the mirror monitor ready



Install rear view mirror along this direction



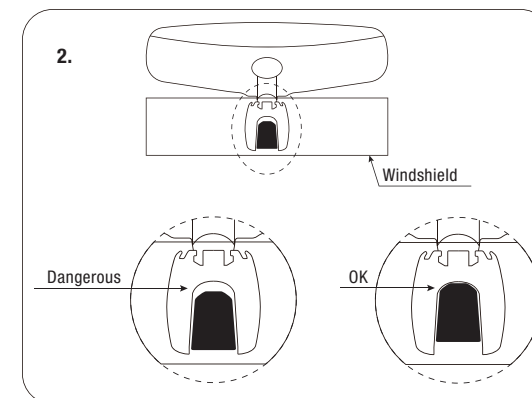
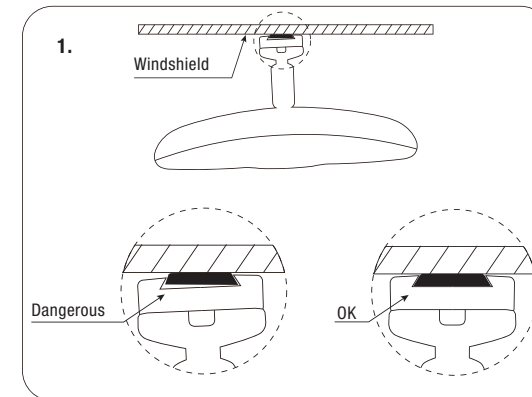
Please make sure to install the mirror to the end of the bottom without any loose



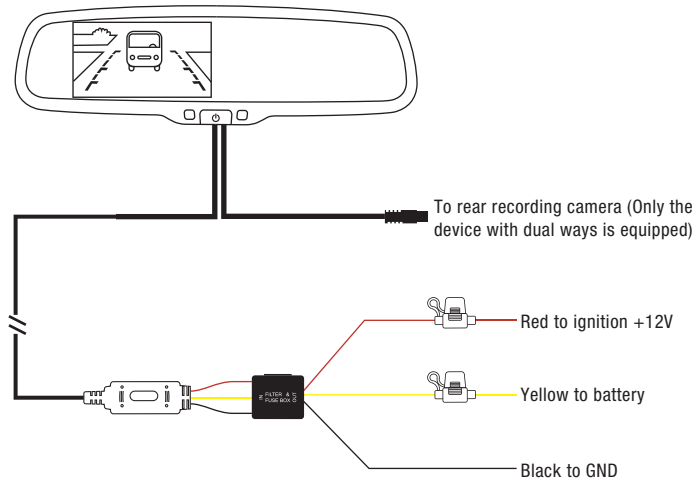
Contrarotate the fixed rear view mirror Torque is about 0.8-1.3 N.m

**NOTE:** Always use caution, DO NOT force the mount. We will not be responsible for broken windshields. If you are not sure how to remove or re-install the mirror seek trained, qualified help.

### CAUTION!



## HOW TO WIRE



PS: Dual-way recording is optional function.

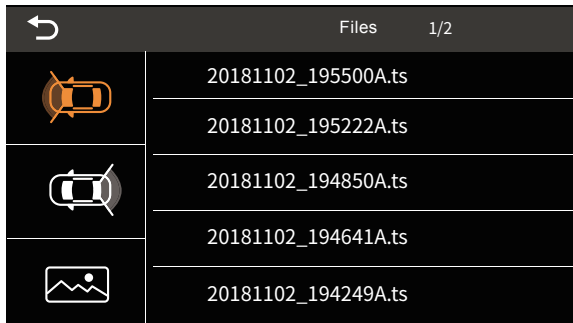
## VIDEO RECORDING



**1: Recording button:** when recording start, this icon will become .

**2: Photo button.**

**3. File view button:** when recording start, this icon will become , press this icon will lock the current video, the locked video will not be covered when loop recording. Stop recording, click the main interface  to enter the file view interface, you can view video recorded in the front and back and photos taken.



PS: There is a special computer video player  in SD card, you can view the recorded video on your computer after install the software.

**4. Setting button:** this button doesn't work when starting record.

**5. Video display mode switch button:** there are four display modes adjustable,



6: Power button: turn on/ off screen

7: Lens

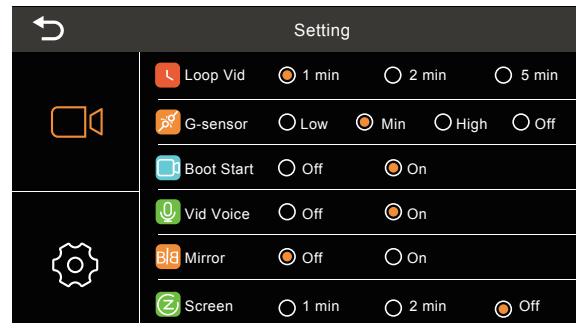
8: SD card slot

9: OEM replaceable bracket

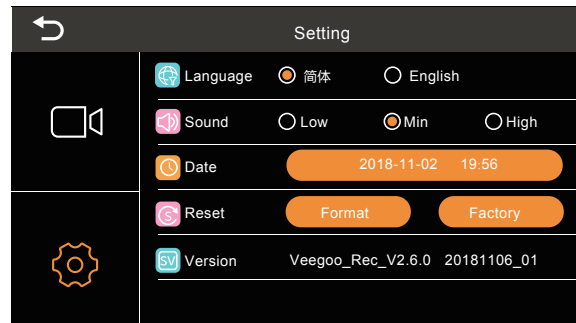
## SETTINGS

Stop recording, click the main interface button  to enter the setting interface.

The default interface is the recording setting interface. You can set: duration of loop recording, sensitivity of G-sensor, start automatic recording, record sound and other items.

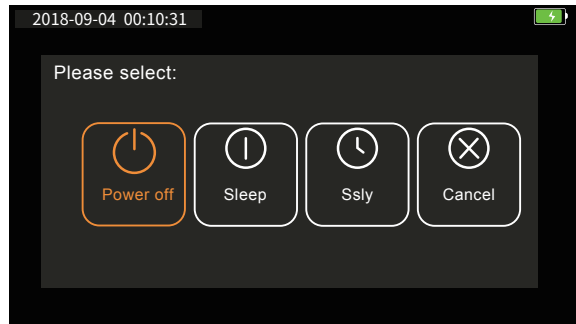


Click the button  in the bottom left of the screen to enter the system setting interface. You can set: language, key sound volume, date and reset.



## POWER OFF OPTIONS

When you turn off the car, the DVR screen will display an alertview as shown below. This alertview will appear for about 3 seconds. If there is no operation, it will be turned off by default.



 It is recorded only when the car feels vibration.

 A group of photos or video taken by the recorder will be played as video in a short period of time after the series of photos or video frame extraction. Greatly extend the monitoring time for the car, reduce the storage space occupation.