

Hardware Installation Guide

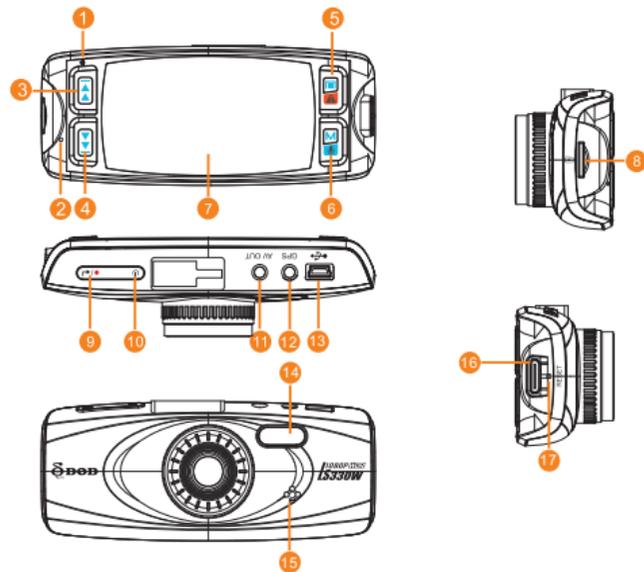
Thank you for purchasing Our company product, please following the instruction to use the device correctly.

Our company products are made of top materials to provide the best quality product with the best image quality to all customers.

Recording notes

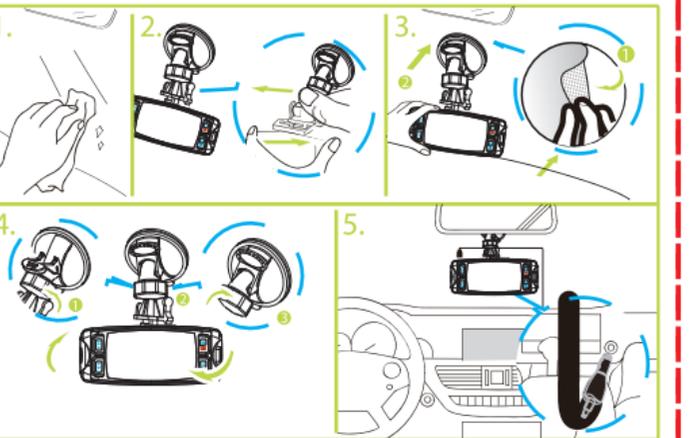
- 1、Recording in a car without film on windshield can ensure the best image recorded.
- 2、Please keep the windshield clean to prevent bad influence on image quality.
- 3、If windshield wiper can't clean the windshield, please replace it with a new one, or the image quality in the rainy day will be influenced.
- 4、Image quality will be better while recording in a sunny day, but please note in backlight position the image will be darker, it's the normal reaction while image sensor face the light straightly.
- 5、In order to present a better video and audio quality, we suggest using the following player software: Storm video, Windows Media Player, QuickTime Player.
- 6、After the machine high and low temperature testing; But in order to ensure a longer life, summer heat inside the car, such as the machine without work, the proposed move to the shade.

Product Structure



- | | |
|----------------------------------|--|
| 1、Indicator | 10、Power switch |
| 2、Microphone | 11、AV Output Port |
| 3、UP | 12、GPS IN |
| 4、DOWN | 13、USB/Vehicle Charger Power Supply Port |
| 5、MENU/SOS Emergency File Lock | 14、LED lamp |
| 6、MODE/Mute Mode(Long press) | 15、Speaker |
| 7、2.7-Inch TFT Display Screen | 16、HDMI Output Jack |
| 8、Micro-SD Card Slot | 17、Reset key |
| 9、Video Recording/Camera/Confirm | |

Installation and Fixation



- 1、Please insert the memory card into the SD Card Slot with the specified direction, and then use the bracket to fix the device inside the car.
- 2、When using the bracket, please choose the position carefully. Do not place the device in the position that blocks the driver's sight or affects the normal work of the airbags.
- 3、If there is any splotch, fingerprints or other kinds of smudginess inside or outside on the windshield, please wipe clean it before proceeding the installation.

Power On/Off

Please connect the vehicle cigarette lighter and start the engine, the device will be switched on immediately. When car engine stooped or car power disconnected, the device will shutdown in 10 seconds automatically.

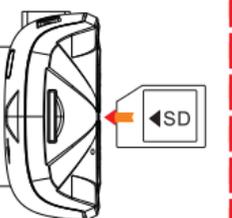
Notes

- 1、For the users whose vehicle cigarette lighter keeps power supplying after the engine stopped, please unplug the car charger before leaving the vehicle.
- 2、Please use 8GB Class 6 or above Micro SD card.
- 3、Once the file be protected, the file will not be deleted by loop recording. The device can protect up to 10 files, if the 11th file be protected, the oldest protected file will be turned to unprotected file which will be deleted by looping recording.
- 4、The speed stamp in the video is the result of GPS signal computing, and will have slight deviation, please take the speed information on DOD Player as priority.

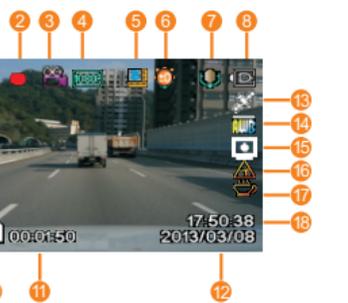
Software Operation

Switch On

- 1、Insert the memory card
- 2、Connect the car charger into the vehicle cigarette lighter and the device.
- 3、Start the vehicle.
- 4、The device be turned on, and start recording automatically.



Recording image



Standby Image



- | | |
|--------------------------------------|---------------------------|
| 1、WDR works all time | 10、Memory Card icon |
| 2、Recording image | 11、Recording time |
| 3、Recording mode | 12、Date |
| 4、Resolution | 13、GPS |
| 5、Loop recording in 3 minutes length | 14、White Balance |
| 6、Exposure | 15、Speed display |
| 7、Microphone | 16、GPS speeding warning |
| 8、Power connected | 17、Driver fatigue warning |
| 9、Motion Detection | 18、Time |

Recording Settings

After stopped recording, press MENU to enter the recording settings.

- WDR** : Toggle on the WDR function.
- Resolution** : Set the recording resolution.
- Exposure** : Set the exposure value.
- White Balance**: Adjust for ambient light.
- Record Audio** : Toggle on or off the sound recording function.
- Date Stamp** : Toggle on or off the data stamp function.
- Loop recording** : Set the video length in recording cycle mode, or toggle off record cycle function.
- Gsensor** : Set the sensitivity level of the G-sensor file protection.
- Motion Detection** : Toggle on or off the motion detection recording function.
- Plate stamp**: can display the registration number on the video.
- ★ **Driver fatigue warning**: Switch on/off Driver fatigue warning function.
- ★ **GPS logger**: Toggle on of off the GPS logger function.
- ★ **Speed Display**: Set the length of time before the full screen speed display activating.
- ★ **GPS speeding warning**: Switch on/off GPS speeding warning function.
- Time Zone**: Please set your local time zone in accordance with the reenwich Mean Time.
- Password settings**: Set the system operation and to protect the password file security.
- ★ **Speed Scale**: To toggle between KM/H and MPH.
- Image rotation**: Set the image rotation feature on or off.
- ★ **Only works with DOD GPS antenna(optional accessory)**

System Settings

After stopped recording, press MENU twice to enter the system setup.

- Format** : Format the memory card; please backup your data before formatting.
- Language** : Support multiple languages; you can choose the language according to your preferences.
- Date/Time** : Set the system time.
- Frequency** : Adjust the light frequency of use of the environment.
- IR LED** : turn on and off light feature
- Beep Sound** : Switch on or off the system beep indicator
- Screen Saver** : Set the screen automatic off time, or set it as always on.
- TV Mode** : You can toggle between NTSC and PAL when in video output mode.
- ★ **Speed Stamp** : Toggle on/off speed stamp.
- Version** : Check the system version number.
- Default Setting** : Reset all the settings to the default state.

Video Playback

Video-Play Operation

- 1、After stopped recording, press MODE to enter the video-play mode.
- 2、Press UP or Down to select the desired video to play.
- 3、Press CONFIRM to start playing video.
- 4、Press CONFIRM again to pause the video.

Delete Video

- 1、After stopped recording, press MODE to enter the video-play mode.
- 2、Press UP or Down to select the desired video to delete.
- 3、Press MENU, enter the menu to delete the video or delete all.

Play on Computer

Recommended PC requirements for 1080P 30fps video playing:

- 1、intel Core 2 Duo 2.0GHz or higher CPU
- 2、2G or above DDRII RAM
- 3、Graphic card supports DirectX 10 or above