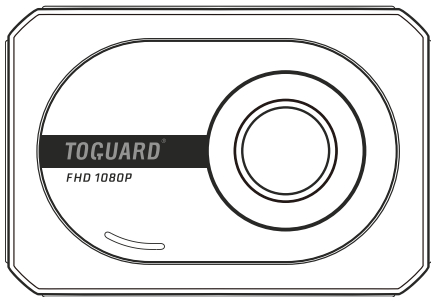


Toguard CE18

Full HD 1080P

Dash Camera

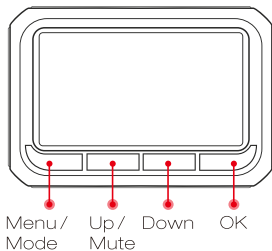
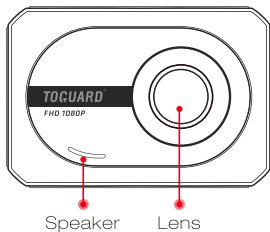
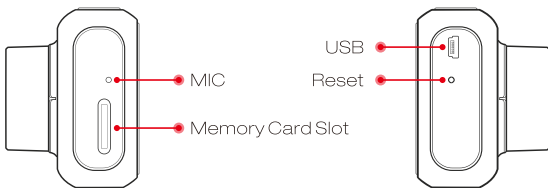
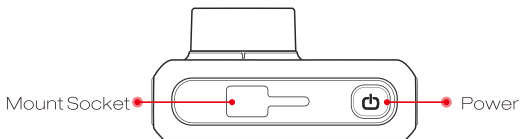


TOGUARD®

Important Notice:

- This product is intended for using in motor vehicles only. Do NOT install the camera where it might block the driver's view of road (including the mirrors) or the deployment of the airbag.
- Before using this device, please insert the memory card first, and need to format micro SD card to FAT32 format on PC firstly, then format the memory card in camera menu.
- This camera records video at high resolution. Be sure to use high speed Micro SD card (Class 10 or above). 16 GB or 32 GB Micro SD card is recommended.
- For safety reasons, this camera has a small built-in battery, which is used to save the video file after external power supply cuts off (car turns off).
- Be sure the camera lens is clean and there is nothing blocking the lens.
- DO NOT leave the camera in direct sunlight for a long period of time or where the temperature could go above 140°F(60°C).

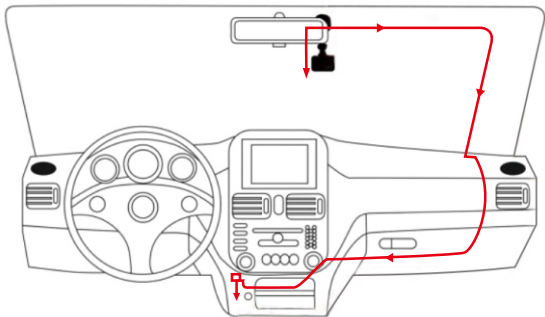
Interface and Button Function



Button Function:

Power	<p>When the camera is off, press and hold Power button to turn on the camera.</p> <p>Under any mode, press and hold Power button to turn off the camera.</p> <p>When the camera is on, short press to turn on/off screen display.</p>
Menu	<p>In Video / Photo / Playback mode, short press to enter setup menu for that particular mode, short press again to access System Setup Menu.</p> <p>During video recording, short press to manually lock/unlock current video.</p> <p>In Standby, Press and hold to switch working mode.</p>
Up	<p>During video recording, short press to turn ON/OFF audio recording.</p> <p>In setup menu, short press to select options and adjust values.</p> <p>In Playback, short press to select files.</p>
Down	<p>In setup menu, short press to select options and adjust values.</p> <p>In Playback, short press to select files.</p>
OK	<p>In Video Mode. Short press to start/stop recording.</p> <p>In Photo Mode. Short press to take a photo.</p> <p>In Setup Menu, short press to confirm selection and changes.</p> <p>In Playback Mode. Short press to play a video file.</p>
Reset	<p>Short press to reset the camera to factory default status.</p>

Set up and Installation:



1. Before installation, please check the camera's normal function, and make sure you are using a high speed Micro SD card (speed Class 10 or above), and format the card in the camera menu before recording.
2. Use the suction cup mount to install the CE18 dash cam on the windshield. The recommended place is near the rearview mirror facing front, adjust the lens angle for best coverage.
3. Adjust the lens angle of the camera, make sure you get the best coverage over the hood and the road ahead, so you can record what happens.
4. Connect the power to the camera and the cigarette lighter, hide the rest of the cable in the gap of the interior trim board.

Operating Mode:

The CE18 operates in 3 modes: Video Recording Mode, Photo Mode and Playback Mode. These modes also have menu to help you configure recording and taking photos. Press and hold "Menu" to switch between different modes and access to the mode you want. Watch the icon on top left corner of the screen for each mode.

Video Recording Mode:

The camera will automatically enter Video Recording Mode and start recording when connected to a car charger and power on. A Red dot flashing on the top left corner indicates recording is in progress. Press the OK to stop recording, or start recording again.

In all 3 operating mode, you can press the Menu button once to access the menu settings for that particular mode, and press twice to display System Setting Menu.

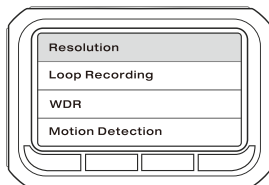
The System Setting Menu is common to all modes, See page 11 to page 12.

Press UP and DOWN to scroll through the various setting options and press OK to select and confirm selection, Press MENU again to exit the setting menu.



- | | |
|--------------------------|----------------------------|
| 1. Video Mode Icon | 9. Video Resolution |
| 2. Loop Recording Status | 10. Parking Monitor Status |
| 3. Motion Detection | 11. Memory Card Status |
| 4. Recording Indicator | 12. Power Status |
| 5. Video Lock Status | 13. Car Plate Number |
| 6. WDR Status | 14. Audio Recording Status |
| 7. G-Sensor Status | 15. Date & Time |
| 8. Recording Length | |

Video Recording Menu:

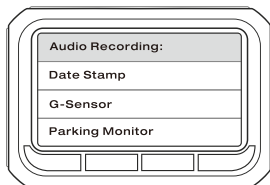


Resolution: Adjust recording video resolution, 1080P/ 720P/ VGA available.

Loop Recording: This function allows you to set video length to 1/3/5minutes, Select a value to activate loop recording, so when storage is full, it will automatically loop back to the earliest file and record over it.

WDR: Wide Dynamic Range: turn on to optimize video quality with wider light range and image details.

Motion Detection : Turn ON/OFF motion detection function. For your safety, we highly recommend turning off this function.



Audio Recording: Turn ON/OFF audio recording in video.

Date Stamp : Enable/Disable the date and time marks in video files.

G-Sensor : G-sensor will detect significant or sudden shock and movement, then automatically locks current file from loop recording. Low/Medium/High sensitivity available.

Parking Monitor : It's used to protect your car after parking. With this function on, after you stop the car and the camera turns off, it stays standby. When camera detects collision, it will automatically turn on and take a short video, then shut down automatically.

Car Number : Turn on to stamp your car plate number in video.

Photo Taking Mode:

The CE18 camera can operate in Photo Taking Mode, and take HD photo up to 12 Mega pixels.

To take a photo:

Simply power on the CE18 camera. Press Mode to select Photo Mode, and Press OK to take photo .

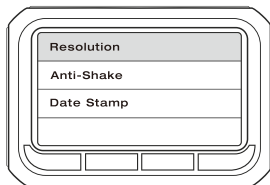
Like the Video Recording Mode, you can press the Menu button once to access the setting menu for Photo Mode, Press Menu twice to enter system setting menu.



- 1. Photo Mode
- 2. Anti-Shake
- 3. Photo Resolution
- 4. Photo Counts

- 5. Memory Card Status
- 6. Power Status
- 7. Time & Date

Photo Mode Menu:



Resolution : Set the photo resolution, Up to 12MP available.

Anti-Shake : Turn on to stabilize photo, reduce shaking.

Date Stamp : Enable/Disable the date and time stamp in photo.

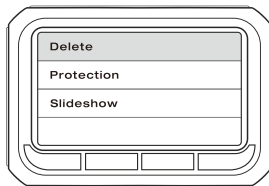
Playback Mode:

This mode allows you to play back recorded video or view photos.

- 1.Stop video recording, press and hold Menu button twice to switch to Playback Mode.
- 2.Use UP and DOWN button to scroll through the recorded files/ photos, and press OK to view recorded video.

Playback Menu:

After choosing a recorded video or photo, press the Menu button once to access the setting menu for Playback Mode.



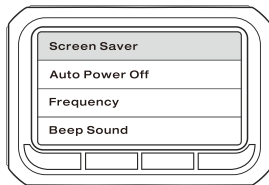
Delete: Delete the current file displayed or delete all files.

Protection: Lock/Unlock the current file displayed or Lock/Unlock all files.

Slideshow: Select a time gap to activate this function, and all recorded file will be displayed in slide show.

System Setting Menu:

Press MENU button twice to access System Setting Menu in any mode. The TOOL icon is highlighted in the upper left corner.

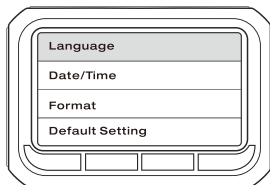


Screen Saver: Set the time to automatically turn off the LCD display after no operation.

Auto Power Off: Set the time for the camera to automatically power off to save energy. After the camera is idle for set time, it will power off.

Frequency: Set light frequency to 50Hz or 60Hz, and press OK.

Beep Sound: Turn on/off sounds when you press any buttons.



Language : Chinese/English/Japanese/Deutsch.

Date/Time: Change the time and date by using the UP and DOWN button, then press OK to confirm.

Format: Format the Micro SD card.

Default Setting: Reset all settings back to factory default.

Version: Check firmware version.

Specification :

Model	Toguard CE18
Image Sensor	High Resolution CMOS Sensor
Screen	2.45 inch LCD Display
Lens	170° High-Resolution Wide Angle Lens
Video Resolution	1920*1080P / 1280*720P
Video Format	MOV
Video Coding	H.264
Picture Format	JPG
Photo Resolution	12MP / 10MP / 8MP / 5MP /3MP/2MP/ 1.3MP/VGA
Loop Recording	Supported
Power on recording	Supported
WDR	Supported
G-Sensor Lock	Supported
Language	Chinese/English/Japanese/Deutsch
Audio Recording	Built-in microphone, On / Off optional
Storage	Micro SD Card (up to 32GB)
USB interface	Mini USB
Operating System	Windows 7/10 or MAC
Internal Power	Built-in Li-ion Battery
External power supply	DC 5V / 1.5A

Storage temperature	-4°F~140°F (-20°C~60°C)
Operating temperature	14°F~122°F (-10°C~50°C)

Common Problems and Solutions:

Q: Even though set the screen saver, but the screen will randomly.

A: The power supply might not be stable, please change another car charger to try.

Q: Why dash cam drain car battery?

A: Please check whether the cigarette lighter still be on after you turn off car engine.

Q: The camera keeps starting and off?

A: That could be the parking monitor function being triggered, check the setup menu.

Q: The dash cam will stop automatically while recording.

A:

- 1.Check whether the memory card is full.
- 2.Check whether the Micro SD card is high-speed above C10.
- 3.Check the memory card, there might be too many locked video that the loop recording won't work right.
- 4.Check the car charger connection status, if the connection is loose, the power supply is not stable, the camera will automatically turn off.

Q: If the video played on the computer is somehow not fluent or jammed.

A: 1.Try to play the video with other video players, like : Potplayer or VLCplayer.
2.Format your Micro SD card in the camera.
3.Run speed test on the memory card to make sure the memory card fits the requirement: Write Speed is over 10MB/S.

Q: There are stripes interference in the image. There should be wrong light frequency.

A: According to the local main frequency, make the appropriate settings 50HZ or 60HZ.

Q: Suction mount cannot attach on windshield well?

A: 1. Please clean the windscreen where attaching with a glass cleaning wipe. Removed the protective film, If it does not work, warming your windscreen then try it again.
2.Please soak suction mount to warm water for a moment.
3.If it is still not working, we are glad to send a new suction mount to you, please contact us (support@tguard.cc) to get a replacement.

Q: Without external power supply, the camera only lasts very short time, or it just can't turn on.

A: The built-in battery is very small for safety reasons, not designed to work alone, so please keep it connected to external power supply.

Q: When connect the camera with PC by USB cable, it will show "Mass Storage" and "PC Camera", I can not do any thing.

A: In this situation, you can directly playback video on PC. If you want to operate camera, please connect it with cigarette lighter by car charger we provided.

Not having a positive experience?

Please contact us by

USA&Canada support@toguard.cc

Europe eu.support@toguard.cc

UK uk.support@toguard.cc

We will offer prompt and authoritative reply within 24 hours and try our best to resolve your problem ASAP.

More Safe Guarantee with Toguard!

