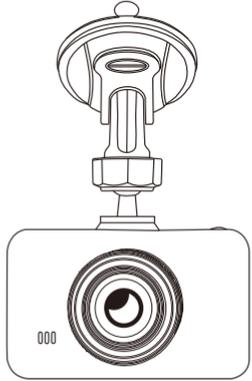


6th Sense

Dash Cam(DVR)
FULL HD 1296P

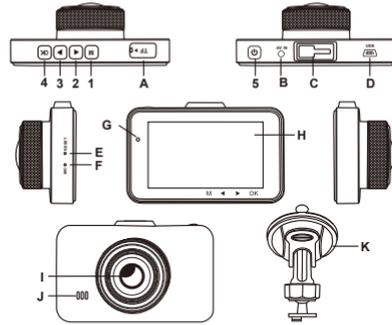


User Manual

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*Special Notice for SD Card:
To format regularly, To format before usage, Must be C10 or above.

1. PROFILE & BUTTON DEFINITION



NO.	Button/Point	Definition & Operating Instructions
1	MENU	In standby status, press 0.5s to enter/exit setup menu; press 3s to enter/exit Playback Mode, In recording status, press 0.5s to lock/unlock video file.
2	UP	In standby or recording mode, press 0.5s to activate/stop Audio recording, and press 3s to switch picture in picture display ways (if connecting rearview camera). When entering menu setting or playback mode, press 0.5s for up choice.
3	DOWN	In standby or recording mode, press 0.5s to take photo. After entering menu setting or playback mode, press 0.5s for down choice.
4	OK	After entering menu setting or playback mode, press 0.5s to confirm. In standby mode, press 0.5s to start video.
5	ON/OFF	Press 0.5s to power on for DVR, press 3s to power off. While working, press 0.5s to make screen sleep/wakeup.
A	TF card slot	TF memory card slot, insert install in the correct direction.
B	AV IN HOLE	plug the rearview camera.
C	Holder Port	Hung the machine under the front windscreen.
D	USB port	For providing power supply, connecting a PC to transfer data; or power connector,
E	RESET	Resetting Key, System restart. Reset button is only used to restore factory settings, when crashed or abnormal situation.
F	MIC	Microphone
G	Power/work	The indicator light will on when energized or working.
H	Screen	3.0" HD IPS Screen
I	Camera Lens	
J	Speaker	Voice broadcast
K	Bracket	

Rearview Parking Rearview parking function when Reversing if having rearview camera.

2. LDWS CALIBRATION



* Diagram 1

Install and fix DVR on front windshield, the camera angle should be adjusted for optimal position. Then calibrate LDWS (Lane Deviate Warning System).

The red long line above should aim at the level road's position where the road disappear from view. The green line below should be aligned with the front edge of the car.

Find the LDWS calibration settings in the menu (Diagram1), press UP/DOWN Key to adjust the red long line position, press OK key to confirm. Then press UP/DOWN key again to adjust the green short line and press OK to confirm. Finally press UP/DOWN to adjust the height of the green vertical line, press OK for confirmation. The default height is 80-100cm for car, 100-150cm for SUV.



* Diagram 2

3. ADAS FUNCTION OVERVIEW

ADAS

(Advanced Driver Assistance System), includes LDWS and FCWS.

1. LDWS (Lane Deviate Warning System)

If activating the function in setting menu, when the running Car Deviate lane, warning line will flash on the screen, meanwhile the human voice warning will start.

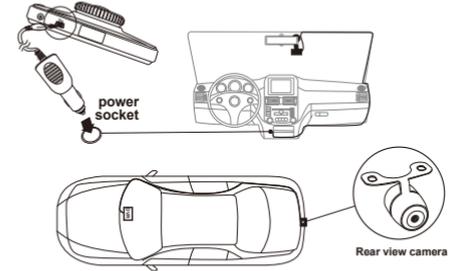
2.FCWS (Front Collision Warning System)

If activating the function in setting menu, when the running car get close(50-5meters) to the front car, warning will work:
A. 50-10 meter, only warning display.
B. 10-5 meters, not only display warning, but also human voice warning.

4. INSTALLATION & MOUNTING

INSTALLATION

1. Power off car engine;
2. Insert the right TF card in the card slot;



3. Install and fix DVR on the front windshield;
4. Connect the dark red wire of camera with reversing light. Inserting car charger machine will automatically start recording, if there is reversing in any state, reverse image will show on the screen. After reversing, it will return to recording mode automatically.
5. Insert the adapter with charging cable in the car cigarette lighter hole;

- Insert the usb end of the charging cable in the DVR usb port. Then route and hide the cable;
- Swivel camera lens for optimal position;
- Start car engine, format TF card, then check if DVR installation is correct.

If correct, dash cam (DVR) indicator light will work, and will enter recording automatically, recording indicator light will start.

5. FUNCTION INSTRUCTION

1. Automatic Record Function

Start car engine, dvr will start and record automatically. The charging light will work, and the recording icon will flash on the screen. When power off car engine, DVR will save the video file in TF card and power off automatically following the car power off.

NOTICE: Have to choose the loop record time (1' 3' 5'), please prefer 1' or 3', mustn't choose OFF;

2. Manual Record Function

In standby mode and formatting TF card inside, short press (0.5s) [OK] key to enter recording. The charging light will work, and the recording icon will flash on the screen. While recording, short press [OK] key to stop.

3. Taking Photo

In standby or recording mode, short press [DOWN] key for 0.5s to take photo.

4. Gravity Sensor

Built-in G-sensor can be activated and lock the key video (from 10 seconds before accident to 3 minutes after the accident) if collision happens.

5. One-click lock function

The machine has One-click lock function, it can lock the reserved files that need to be retained without being recycled. In recording mode, short press(0.5 Seconds) [menu], the recorder will lock the image in the first 10 seconds and then 1/3/5 minutes.

6. Date/Time Setting

Press [MENU] key to enter Date / Time setting, short press [UP] / [DOWN] to setup the right data, press [OK] key to confirm and move the light bar to the next item.

NOTICE: In order to get effectively recording date and time for prove, please set the correct time before using the machine.

7. Playback Files

Long press(3 seconds) [MENU] to switch to playback mode on the boot state. Short press(0.5 Seconds) "Up"/ "Down" can find the files. Short press(0.5 Seconds) "OK" button to play. If you need to exit the playback mode, long press (3 Seconds) "MENU" again.

8. Rearview System Function while Reversing

If connecting the rearview camera and the red trigger wire of the cable is connected to the reversing light cable, the rearview parking function will be activated and the whole screen will display the rear image when you reverse car. It will return to automatic record mode after reversing.

9. ADAS

(Advanced Driver Assistance System), includes LDWS and FCWS.

10. Parking Monitoring

Under parking monitoring function, in shutdown status, if there is a slight vibration, the video recorder will switch on automatically. It will record for 20 seconds and then shut down if it's in the flame out state(time can be set up in the setting menu)

11. Motion Detection

When machine turns on but In standby mode, if Motion detection is on, and the lens senses a moving object, the machine enters the recording mode. When the camera does not sense the moving object for 5 seconds, the system stops recording. If you need to exit the Motion detection mode, set "off" in the [Menu].

12. Languages:

English/traditional Chinese/simplified Chinese/Japanese /French/German/Italian/Portuguese/Russian/Spanish/Thai

6. SPECIFICATION & PARAMETERS

Video Resolution	FHD1080P, HD1296, 720P
Storage compression	H.264
Video Format	MOV
Picture Format	JPG
Frequency	DUAL600MHZ 32-bit RISC
RAM	8MB
LCD Size	3.0 inches
LCD Resolution	640*480

G-SENSOR	380B
Working Power	4W
SD Card (TF)	4GB, 8GB, 16GB, 32GB, ...,256GB(max)
Voltage	DC 5V
Work Temperature	-4°F~-149°F(-20 °C~65°C)
Storage Temperature	-13°F~-167°F(-25 °C~75°C)
Air Pressure	960Mbar~1040Mbar
DVR Video	1080P 30FPS, HD video, no skip frame, no leak seconds, Good nightvision, real-time preservation of driving images.
Rearview Parking	Rearview parking function when Reversing if having rearview camera.

7. FAQ

If troubleshooting occurs under normal operation, please refer to the following solutions.

1. Can't record or take photos

Solution: Please check whether the TF card has enough space, whether it is locked or not, or the card may be broken.

2. Automatically stops when recording

Solutions: Because HD video file is big, please use the high-speed TF card compatible with SDHC, Please use C10 or above high-speed TF card.

3. "File error" prompts when replay images and video

Solutions: Error occurred while TF card stored data, resulting in incomplete file. Please use the "format" function of the camera to reformat the TF card.

4. The image was foggy

Solutions: Please check whether the lens has dirt or finger print. Before shooting, wipe the lens with lens paper.

5. The image is very dark when shooting the sky, water or other scenes..

Solutions: In the large contrast scenario, the automatic exposure feature of the camera can be affected, which can be modified by adjusting the "EV" value in the machine Settings menu.

6. In cloudy day or indoor light, color performance is not perfect

Solutions: Please check the machine if the "white balance" function has set to automatic.

7. Horizontal stripe interference in the image

Solutions: This is due to the setting of the wrong "light source frequency", depending on the local power supply frequency, set to "50Hz" or "60Hz".

8. Crash machine

Solutions: Please press reset button to restart the machine.

8. WARRANTY

WARRANTY

Warranty is 1 year counting from buying date (not include periodical consumable part). if the product failure under normal operation, We will provide free replacement or repair during the period of warranty. We reserve the right to change new products or other equivalent products. We will not be responsible for the damage(such as traffic accident) which doesn't cause from our products themselves.

Exception to warranty:

- Don't follow user manual to operate product.
- Product damaged because of accident, neglect, abuse, misuse.
- Repair without authorization.
- Damaged due to transportation.
- Other damage not because of design, technical, manufacturing and quality problem.

All defective products should be sent to us or our authorized repair center, attached with detail description of defect and show original purchase invoice.

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