
ND410W
User Manual

Points for attention

Before using the recorder, please format the TF card on the machine.

1. the dash cam can only be installed on the vehicle for use;
2. please do not operate this product while driving;
3. avoid using the product under abnormal temperature and store the product;
4. do not use this product in the environment of strong magnetic field or violent vibration;
5. only the power cord with official configuration can be used. The use of non-standard power cord may cause unforeseen problems;
6. the product is sold without a power adapter when it leaves the factory. The user must select a power adapter that has passed CCC certification and meets the requirement of gb8898 standard when it is actually used. The output voltage of the power adapter is 5VDC and the output current is not less than 1A;
7. It is forbidden for the user to disassemble or replace the battery without permission. If the battery has to be replaced, please contact the dealer or manufacturer of the product. Only professionals are allowed to replace the battery with the same type or equivalent type. The battery (battery pack or combination battery) shall not be exposed to the sun, baking or similar overheated environment;
8. Warning: in the living environment, running this equipment may cause radio interference.

Disclaimers

In particular, users are reminded to carefully read and fully understand the terms of this statement before using this system. If you use this system, you will be deemed to be bound by the following terms of this statement and bear the consequences caused by non-standard use.

1. This product is used as a driving aid product. If it relies too much on this system, it may cause traffic accidents;
2. Due to the large angle of view of the camera, the image display of this product is different from the real environment. Please use it carefully;
3. Do not operate the system at high speed to avoid traffic accidents caused by distraction;
4. Do not replace the special parts of the product without the guidance of professional personnel, otherwise the machine will be damaged;
5. Do not expose the product to wet environment and water to avoid electric shock due to short circuit, and avoid damage and fire alarm;
6. The output voltage of the host of this product to the outside is 5V. Do not use external power on this host;
7. Illegal power failure in the video will cause damage or loss of the last video file;
8. Damage or loss of video due to destructive collision of the machine during video recording;
9. The memory card needs to be 120mb/s high-speed brand memory card. The quality of the memory card determines the video quality and the stability guarantee of the video storage system. The non brand memory card is easy to cause a lack of merchants.

Installation guide

1. Turn off the car engine;

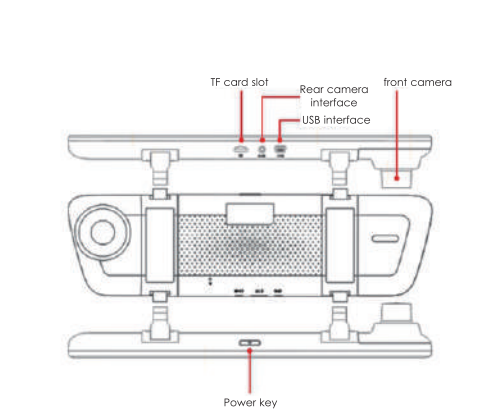
2. Find a proper position on the vehicle and install the recorder. The installation position should not affect the driving, and then wipe the glass at the installation position;
3. Adjust the lens position to ensure that the lens is level with the ground;
4. The connection of the power-on version of the fuse box (with 12V to 5V step-down line) corresponds Interface 8+, ACC, GND, another USB interface connects to the main USB interface;

Note:

- ①Yellow line, connected to DC-12V power supply, which is always powered on;
- ②The ACC red line is connected to the DC-12V power supply of the ignition control. The power supply is powered on when the ignition is turned on and off;
- ③GND black wire, connect the ground wire in the car fuse box.

Start the engine and check whether the machine has been installed correctly and whether the video recording function is normal.

Description of the appearance and function of the keys



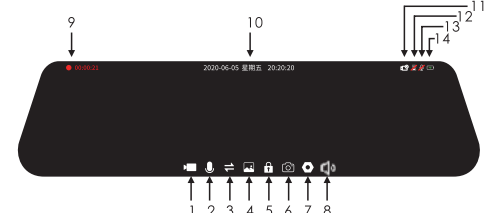
Function 1: screen off function

Briefly press the power button to turn on or off the screen (when the machine turns off the screen, click the display area can also light up the screen).

Function 2: On/Off function


In the off state, press and hold the [Power button] to turn on the power of the machine, and the machine will automatically start-up. Press and hold the [Power key] for 3 seconds when the machine is turned on automatically save video files and user settings and shut down

Introduction of touch icon functions



1. Recording icon: click to start/stop recording.
2. Recording icon: click to switch the recorder recording on/off.
3. Switch icon: click to switch between front/rear /front and back screens.
4. Playback icon: click on the video icon to pause the video, then click on the playback icon to enter the playback interface for video playback, divided into before and after the video playback folder and photo picture folder.
5. Lock icon: click on the icon to lock the current file.
6. Photo icon: click on the picture to take picture of the front cam and the rear cam.
7. Setup icon: click on the video icon to pause the recording, then click on the setup icon to enter the setup menu.
8. Speaker: On/Off.
9. Video indication icon: Recording red light flashing, Stop recording, red light no flashing.
10. Time setting: Enter the setup menu to set the current time.
11. Time lapse recording icon: on/off.
12. Memory card icon: card inserted/no card inserted.
13. Microphone icon: on/off.
14. Power supply icon: charging / full charge.

Main menu function



1. Length of recording, either 1 minute or 3 minutes.
2. Reversing mode, either full screen mode or large wide angle mode.
3. Voice control switch, optional on or off.
4. Screen brightness adjustment: regular or high brightness selectable.
5. Automatic screen off, optional 1 minute/3 minutes/always on.
6. Voice selection with multiple language options.
7. Time setting.
8. Power on display mode, optional front/rear/front and back together.
9. Time lapse recording, optional 8H/12H/24H/off.
10. Formatting.
11. Restore factory settings.
12. About: Product software version information, different stages of product optimization, according to the product current information version shall prevail.
13. Return key.

Warm reminder

The 24-hour parking monitoring uses the vehicle battery power supply, which will consume a certain amount of battery power. If the vehicle battery exceeds one and a half years or the parking monitoring there are some concerns about controlling the battery power consumption, Please turn off the video parking monitoring function.

Description of video recording

1. Under 12V voltage, the default setting for time-lapse recording is off. Turn off the car engine, the recorder normal shutdown. Set time-lapse recording to On: turn off the car engine, the recorder automatically enters the 24-hour monitoring time-lapse recording screen saver state, the video file is one frame per second, when the card is close to full, the recorder automatically deletes the old file, cyclic coverage of the video, without missing frames and seconds; after the car is restarted, the recorder lights up the screen and enters the regular recording. The length of each time-lapse recording is the same as the loop recording length set in the menu, one minute records 30 minutes of video under normal time, three minutes records 3 x 30 minutes of video under normal time, and so on.

2. Low power protection.
After the car is switched off at low power (11.6~11.8V), the machine shuts down normally and enters the low power protection state. After the car is restarted, the machine turns on and enters regular recording.

3. Technical support.
If you encounter any problems during use and installation, contact department of our technical personnel.

4. Thank you for your purchase. If you have any suggestions for improvement, please contact us. Thank you.


Product specifications

Product name	Car DVR
Colour	Black
Display screens	HD display touch screen
Language	Multiple language
File format	MOV


Video resolution	1920X1080P
Video Encoding	H.264
Loop video	Loop recording support
Switching on and off with the vehicle	Support car ignition on, ignition off
Year, month, day and minute	Support
Memory cards	TF (up to 128GB)
Real-time playback	Support (optional)
Parking monitoring	Support (optional stop-down time-lapse recording)
Microphone	Support
Built-in sound	Support
Video format	FAV1/MS2
Current camera	SONY/D42
Power connector	USB mini interface
Battery	Built-in Li-ion battery
Current camera	SONY/D42
Power connector	USB mini interface
Battery	Built-in Li-ion battery


Warm reminder


FAQs:
Q1: Why format the memory card? How often is it formatted? A: regular formatting can effectively prevent data loss.
Under normal use, it is recommended to format it regularly every month. Before formatting, please back up all data.
Q2: How to format a memory card?
Answer: in the host setting menu, click format to confirm that the format is completed.





production configuration














致用戶：
親愛的用戶朋友，感謝您選購本公司產品，首次使用請仔細閱讀以下說明，謝謝。

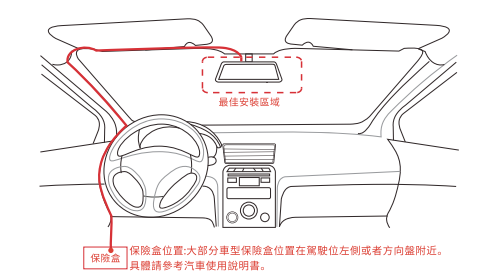
注意事項

記錄儀使用前，請將TF卡在機上格式化。

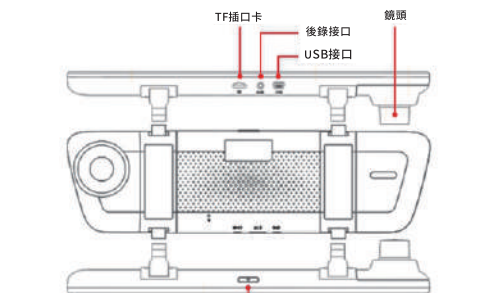
- 1.記錄儀僅限安裝在車上使用；
- 2.行裝時請不要操作本產品或使用輔助駕駛安裝APP；
- 3.避免在真實溫度下使用，存放本產品；
- 4.請勿在強磁場或劇烈震動的環境中使用本產品；
- 5.僅用官方配置的電源線，使用非標配的電源線可能會引起無法預見的問題；
- 6.產品出廠時不配電源適配器銷售，用戶實際使用時必須選用通過CCC認證並滿足GB8898標準要求的電源適配器，電源適配器輸出電壓5Vdc，輸出電流不低於1A；
- 7.禁止用戶私自拆卸或更換電池等操作，如果電池更換不當會有爆炸危險，如果必須更換電池，請聯系本產品的經銷商或製造商，並只允許專業人員採用同樣類型或等效類型的電池來更換，電池（電池包或組合電池）不得暴露在強烈日照，或烤或類似過熱環境中；
- 8.警告：在居住環境中，運行此設備可能會造成無線電幹擾。

安裝指南

1. 本產品屬於駕駛輔助性產品，如過分依賴本系統，可能造成交通事故；
2. 因攝像儀視角較大，本產品的圖像顯示與真實環境有一定的差異，請小心使用；
3. 高速駕駛時不要操作本系統以免因注意力分散導致交通事故
4. 在沒有專業人員的指導下，切勿私自更換產品等部件，否則會導致本機損壞；
5. 禁止將本產品置於淋濕的環境和水中，以免因短路引起觸電，不必要的損壞和火警發生；
6. 本產品主機對外輸出的電壓為5V，請勿使用外部電源在此主機上使用；
7. 錄像中非法斷電，會導致最後一組視頻檔案損壞或者丟失；
8. 錄像過程中機蓋遭受破壞性碰撞導致錄像的視頻損壞或丟失；
9. 內存卡需要達到120MB/s高速品牌內存卡，內存卡的品牌及記錄食品質及錄像存儲穩定性保障，雜牌內存卡容易造成視頻不保存。



外觀及按鍵



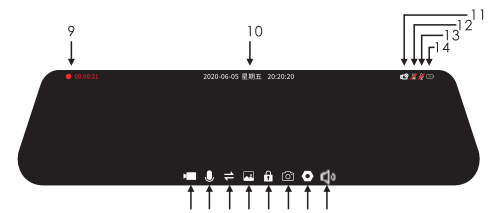
功能一：熄屏功能

短按電源鍵可點亮或者關閉屏幕（當機器熄屏時，點擊顯示屏區域也可點亮屏幕）；

功能二：開/關機功能

在開機狀態下，長按【電源鍵】可開啟本機電源，機器自動開始工作。在開機狀態下長按【電源鍵】並保持3秒鐘本機自動保存錄像文件及用戶設置並開機。


觸摸圖標功能介紹



錄像界面小圖標會亮如下：

1. 錄像圖標：點擊開始/停止錄像；
2. 錄音圖標：點擊切換記錄聲音打開/關閉；
3. 切換圖標：點擊切換前後/前/後重置；
4. 回放圖標：點擊錄像圖標暫停錄像，再點擊回放圖標進入回放界面，進行視頻回放，分為前後錄像回放文件夾和拍攝圖片文件夾；
5. 鎖定圖標：點擊圖標加鎖當前文件；
6. 拍照圖標：點擊圖片拍照前畫面；
7. 設置圖標：點擊錄像圖標暫停錄像，再點擊設置圖標進入設置菜單；
8. 攝像器：開/關；
9. 錄像顯示：紅點在閃，閃間在走為錄像狀態，無顯示為停止錄像；
10. 時間圖標：進入設置菜單設置當前時間；
11. 臨時錄像圖標：打開/關閉；
12. 內存卡顯示圖標：插卡/未插卡；
13. 麥克風圖標：打開/關閉；
14. 供電圖標：充電/滿電；


主菜單功能




1. 錄像時長：1分鐘/3分鐘；
2. 麥克風：開/關；
3. 臨時錄像：8H/12H/24H/關閉；
4. 屏幕亮度：常亮/常暗；
5. 自動熄屏：1分鐘/3分鐘/常亮；
6. 語音提示：多語音提示；
7. 時間設置：按時間設置；
8. 圖標顯示方式：前/後/前後同屏；
9. 全屏模式：打開/關閉；
10. 格式化：格式化/否；
12. 關於：產品軟件版本信息，不同階段產品不斷優化，根據產品當前信息版本為準；
13. 返回：返回圖標。


溫馨提醒


24小時停車監控採用的是車載電瓶供電，會消耗電瓶一定電量，如果車身電瓶超過一半以上或者對停車監控消耗電瓶電量有一定疑慮，請關閉臨時停車監控功能。





產品配置














註：實際配件外觀，請以實物為準！

Note: Please refer to the actual appearance of the accessories for accuracy!