

To the user:
Dear users, thank you for purchasing our products. Please read the following instructions carefully for the first time. Thank you.

Nakamichi

ND435W User Manual



Points for attention

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

- The dash cam can only be installed on the vehicle for use;
- please do not operate this product while driving;
- avoid using the product under abnormal temperature and store the product;
- do not use this product in the environment of strong magnetic field or violent vibration;
- only the power cord with official configuration can be used. The use of non-standard power cord may cause unforeseen problems;
- 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 requirements of GB898 standard when it is actually used. The output voltage of the power adapter is 5VDC and the output current is not less than 1A;
- 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;
- Warning: in the living environment, turning this equipment may cause radio interference.

CAR DVR HD SECURITY CAMERA



CONTACT WITH US ONLINE TO ORDER: WWW.NAKAMICHI.COM
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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.

- This product is used as a driving aid product. If it relies too much on this system, it may cause traffic accidents;
- 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;
- Do not operate the system at high speed to avoid traffic accidents caused by distraction;
- Do not replace the special parts of the product without the guidance of professional personnel, otherwise the machine will be damaged;
- Do not expose the product to wet environment and water to avoid electric shock due to short circuit, and avoid damage and fire alarm;
- The output voltage of the Host of this product to the outside is 5V. Do not use external power on this host;
- Illegal power failure in the video will cause damage or loss of the last video file;
- Damage or loss of video due to destructive collision of the machine during video recording;
- The memory card needs to use 120mAh high-speed brand memory cards. 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

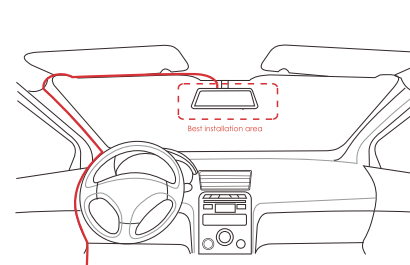
- Turn off the car engine;

Description of the appearance and function of the keys




Function Description

- Mode selection key/playback key: Short press this key to enter menu settings, long press to switch between camera/playback;
- WLAN/Flip Up: A: Turn on/Turn off; B: The menu interface is a scroll up button;
- Switching/power switch: Sharp press to switch between front and rear view video;
- The menu interface is a scroll down button;
- Lock/Unlock; B: The menu interface is set to the OK key;
- TF card slot;
- For storage card insertion;
- AV-IN rear pull camera interface; Used to connect the rear camera



①: Yellow line, connected to DC-12V power supply, which is always powered on;
②: The 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;
③: GND black wire, connect the ground wire in the car fuse box.

Function Introduction



- Resolution: 4K-3840x2144p/2K-2560x1440p/1080p-1920x1080p; Choose video recording resolution. The higher the resolution, the better the recording effect, and the larger the video file;
- Recording duration: off/1 minute/2 minutes/3 minutes; The dash cam will set the time as a cycle record video;
- Lock/OK key; ①: Lock/High/Medium/Low; Under normal operation of the dash cam, when the vehicle body vibrates due to a collision, the gravity sensor of the dash cam will sense the change in gravitational acceleration, and automatically lock and save the captured video. In the locked state, it cannot be deleted and will not be overwritten in a circular manner;

4.Parking monitoring: off/on:

After the vehicle starts, the recorder shuts down. After being hit by external forces and triggering parking monitoring, the driving recorder automatically turns on, records a video, and locks the video;

- 9.Front camera lens: Take a front image of the car;
- 10.LCD screen; Image display screen;

4.Farking monitoring: off/on:

After the vehicle starts, the recorder shuts down. After being hit by external forces and triggering parking monitoring, the driving recorder automatically turns on, records a video, and locks the video;

- 5.Reduced time recording: off/1 frame/second; 2 frames/second;
- It adopts a recording method of recording videos every second, which compresses the longer recording time and shortens it. The advantage of this is that it not only saves the storage space of the memory card;
- 6.Reduced time recording duration: off/8 hours/6 hours/24 hours; Set it to 8 hours, which means that the recording time for reduced time video recording is 8 hours. After 8 hours, the device shuts down;
- 7.Language settings: Simplified Chinese/Traditional Chinese; Set the language and text for the needed country;
- 8.WLAN/On; 9.Rear pull mirror: Off/On; Mirroring the backward image;
- 10.Screen brightness; Set screen brightness in different environments for better viewing of the screen;
- 11.Screen saver: off/1 minute/3 minutes/5 minute; After activating this function, the recording machine will turn off the screen background when the set time, and the machine recording function will be normal;
- 12.Recording: Off/On; Turn on video with recording function, turn off to silence the video;
- 13.Button tone: Off/On; Button sound selection, turn off button clicking without sound;
- 14.Exposure Compensation: +3/-2/+1/0/-1/-2/-3; Used to adjust the brightness of the light entering. When the exposure is too high, it will cause the license plate to be too bright to be recognized. It is recommended to choose 0;

15.White balance (AWB):

automatic/day/light/cloudy/hungten flame/fluorescent; Used to adjust white balance parameters. It is usually recommended to choose automatic, depending on the environment;

- 14.Light source frequency: 50Hz/60Hz; Frequency variation of different light sources on the screen;
- 17.Automatic shutdown: 1 minute, 3 minutes, 5 minutes off; Automatically shut down the recorder when it is in standby mode and there is no operation of the selected time;
- 18.Date/Time: Year/Month/Day/Hour/Minute/Second; Select the input date and time for system display and video playback;
- 19.Format: Off/On; Clear all contents of the SD card and format the storage card (recommended to format once every 15 days);
- 20.Default settings: Cancel/Confirm; When the settings are incorrect, you can choose the default factory settings;
- 21.version; Display the current software version information of the device;

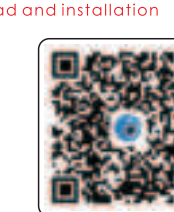
Product specifications

Front cameras lens	4K, 2K, 1080p
Rear camera	AHD 1080P (optional)
LCD screen	3-inch IPS screen
Recording format	The recording: IS
Video compression format	Pre recording: H.265 Post recording: H.265
language	Chinese/English/Traditional, see the machine for details.
Parking monitoring	On/Off (default on)
G-sensor	Multi-axis gravity sensing, supporting high/medium/low sensitivity (default medium)

WLAN	support
power interface	USB2.0 5V
Work status light	Blue and red light (work indicator light, charging indicator light)
storage capacity	Built-in flash; External: TF card class10 or above (up to 128G)
horn	8 QD/8W, horn with wire, rear welding
Battery	RTC button time memory

Mobile Internet

APP download and installation



- Enter the phone settings and find the machine WLAN name: Nakamichi-xxx;
- Enter the password.The password is 1234567890;
- Open the downloaded APP and click to enter;
- App can view image preview, download images and share images;
- Some function settings can be completed on the mobile phone, and some settings can be completed on the host computer;
- Different mobile phones have different versions;
- if abnormal, please disconnect and reconnect.

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 of 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

- 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 cover state. The video files 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 started, 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 30 minutes of video under normal time, and so on.
- Low power protection: After the car switched off 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.
- Technical support: If you encounter any problems during use and installation, contact department of our technical personnel.
- Thank you for your purchase: If you have any suggestions for improvement, please contact us. Thank you.

Warm reminder

FAQs:
Q1:the initial password of the recorder is 12345678. If you forget the password after changing it, please contact the manufacturer after-sales and need to re burn the software to restore the factory settings.
Q2: 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.
Q3: How to format a memory card?
Answer: in the host setting menu, click format to confirm that the format is completed.

production configuration



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

安裝指南

- 關閉汽車發動機;
- 在車上找到最適當的位置,安裝記錄儀,安裝位置以不影響駕駛為宜,然後把安裝位置的玻璃擦乾淨;
- 調整鏡頭位置,確保鏡頭與地面保持水平;
- 保持錄像機版本(帶 12V 轉 5V 降壓線)連接對應的接口 B +、ACC、GND,另外一頭 USB 接口連接主機 USB 接口;
- 發動引擎,檢查機器是否已安裝正確,錄像功能是否正常。

註:①B+與ACC,連接到點火控制DC-12V電源上,該電源始終處於通電狀態;
②ACC紅線,連接到點火控制DC-12V電源上,該電源打火通電,熄火斷電;
③GND黑線,連接汽車保險盒內地線。


產品外觀及按鍵



功能按鍵

- 1.分頻率:4K-3840x2144p/2K-2560x1440p/1080p-1920x1080p;選擇錄像分辨率,分辨率越高,錄像效果越好,視頻文件越大;
- 2.錄像時長:關/1分鐘/2分鐘/3分鐘;行車記錄儀會自動選擇一個循環循環錄像工作;
- 3.循環錄像:關/高/中/低;在行車記錄儀正常工作的情況下,當車身因為出現碰撞而產生震動時,行車記錄儀會自動提高錄像分辨率並自動鎖定,直到司機將通過打鎖保存,且加鎖狀態下不能刪除,也不會循環錄像;

功能介紹



- 1.分頻率:4K-3840x2144p/2K-2560x1440p/1080p-1920x1080p;選擇錄像分辨率,分辨率越高,錄像效果越好,視頻文件越大;
- 2.錄像時長:關/1分鐘/2分鐘/3分鐘;行車記錄儀會自動選擇一個循環循環錄像工作;
- 3.循環錄像:關/高/中/低;在行車記錄儀正常工作的情況下,當車身因為出現碰撞而產生震動時,行車記錄儀會自動提高錄像分辨率並自動鎖定,直到司機將通過打鎖保存,且加鎖狀態下不能刪除,也不會循環錄像;

20.數據設置:取消/確認;

按設置出現錯誤時可以選擇確認出錯設置;

- 21.版本;顯示設備當前軟件版本信息;

產品規格

攝錄鏡頭	4K, 2K, 1080P
攝像機鏡	AHD 1080P (選配)
液晶屏	3寸 IPS屏
錄像格式	前錄: IS
視頻壓縮格式	前錄: H.265 後錄: H.265
語言	中文/英文/繁體/屏屏簡體
停車監控	打開/關閉 (默認打開)
G-sensor	三軸重力感應,支持高/中/低三種靈敏度 (默認中)
WLAN	支持
電源接口	USB2.0 5V
工作狀態燈	藍燈和紅燈 (工作指示燈,充電指示燈)
存儲容量	內置:無 外置:TF class10QJ.+(最高128G)
喇叭	8QD/8W,喇叭帶線,後焊電烙
RTC	RTC記錄時間記憶

手機互聯

APP下載與安裝

- a:進入手機設置,找到機器WLAN名稱:Nakamichi-xxxx;
- b:輸入密碼,密碼為1234567890;
- c:打開下載好的APP,點擊進入;
- d:app可以查看錄像,下載錄像,分享錄像;



溫馨提醒

- 在 12V 電壓下,長時間會對設置為關閉,關閉汽車發動機,記錄儀正常工作,記錄儀將錄像為關閉,關閉汽車發動機,記錄儀自動進入 24 小時監控臨時錄影屏保狀態,錄像文件為一分一秒,接近一半滿時,記錄儀自動刪除舊文件,電源重置錄像,不刪除,滿時;
- 汽車重新發動後,記錄儀亮屏並進入常規錄影,每段臨時錄影長與屏保設置的臨時錄影時長一致,一分鐘記錄正常時間下 30 分鐘的視頻,三分鐘記錄正常時間下 3 x 30 分鐘的視頻,以此類推;
- 低電保護:汽車熄火後在低電 (11.6-11.8V) 情況下,機器正常工作,進入低電保護狀態,汽車重新發動後,機器即重新進入常規錄影;
- 技術支持:如果您在使用以及安裝過程中有遇到任何問題,第一時間聯繫我們技術人員;
- 感謝您的選購,如果您對產品有任何改進建議,請联系我们。

溫馨提示

常見問題解答:
Q1:為什麼要格式化內存卡?多久格式化一次?
答:定期格式化能有效防止數據丟失正常使用情況下,建議每個月定期格式化一次,格式化前請先將所有數據備份;

Q2:如何格式化內存卡?
答:在主機設置菜單,格式化選項,點擊格式化,確認格式化完成。

產品配置



註:實物配件外觀,請以實物為準!