

◆Forward

Thanks for purchasing our car dvr.

Please read the manual carefully before using it to ensure the correct use of the product. Keep the manual properly for future needs.

◆Copyright infringement warning

Please note that this product is for personal use only, and its use should not violate international or domestic copyright laws and regulations. Even if the recorded images are for personal use only, please note that in some cases the use of this product to record images of performances, exhibitions or commercial activities may infringe upon the copyright or other legal rights of others.

◆Matters needing attention

– Do not unlawfully open or disassemble this product, which may lead to electric shock or equipment damage. If necessary, please leave it to the service center or professionals.

– This product can be used for other purposes, such as photography, self-timer, etc.

- Do not stack items on this product, do not press the screen, otherwise it may lead to screen damage.
- Do not operate this product during driving, so as not to distract attention and affect driving safety.
- Do not touch the screen with sharp objects to avoid damaging the screen.
- Do not let children play with the device.
- When the car is charged from the cigarette lighter socket in the boot state, the equipment will be shut down. If you have the following information, please contact the purchasing office or service center.
- the Charger damaged or connection broken.
- Shell damage, transformer damage, or exposure of internal components.

Please note that the charger itself also consumes electricity. If not in use, please pull the car charge out of the cigarette lighter to avoid discharging the car battery.

◆Working conditions

- Do not expose the product to the environment with excessive dust density, so as to avoid the lens and other

parts contaminated with dust affecting the photographic effect.

- Do not expose this product to rain or humid environment. This product does not have waterproof function.
- Avoid falling and violent impact.
- This product and its accessories are far away from flammable, explosive, corrosive liquids or gases. Do not discard this product at will. This machine carries batteries. It is forbidden to discard this product into the fire in order to avoid explosion.
- When cleaning the equipment, please remove it from the bracket first. Clean screen and equipment surface with soft wet cloth.
- Do not disassemble, modify or repair the equipment by yourself. This may lead to equipment damage. Please send it to a special authorized service center for maintenance.

◆ Temperature and humidity

The normal working temperature of the equipment is + 0.

—— +40 ° , humidity 10% —— 80%.

Please place the equipment in a safe position.

◆Transport

– Sudden changes in temperature or humidity may cause moisture to condense in the machine, which may lead to short-circuit of the equipment.

– Protect the machine from dust or collision during transportation.

– When transporting equipment, please use the original packing as far as possible.

◆Vehicle-mounted adapter (car charging)

On-board adapters can be used in your on-board cigarette lighter socket(DC12 or 24V).

◆Basic function of recorder

1. High Definition Picture Video of 1080@30fps Front Camera.

2. Rear camera1080@30fps High Definition Picture Video.

3. 6G Multilayer Filter Resolves 170 Degree Extra Wide Angle Lens.

4. 2.35 inch MIPI HD screen (480*320) .
5. G+G Capacitance Touch Screen for Full Screen Touch.
6. Starlight night vision sensor.
7. WDR Wide Dynamic Processing Technology.
8. Start synchronously.
9. Support loop recording.
10. Collision file lock protection.
11. Rear camera Full screen display without delay.
12. Capacity not less than 8G, TF card maximum support 32GB.

【 Note 】 Please use a high-speed TF card (Class 10 or above), capacity not less than 8G, TF card maximum support 32GB. For the first time using SD, please format SD card on this machine.

Operation instructions

Operation interface

Appearance



1	Power interface	2	Power Indicator Lamp	3	camera
4	Rear camera interface	5	display	6	TF cards slot
7	Power button	8	Reset hole	9	Mic

Button function

Power button(PWR): For boot (Short press), Shutdown (Long press); Short-press switch screen saver in standby state, 10 seconds long reset machine

1) Touch function

2) Click anywhere on the screen and a touch interface appears as shown in the figure.



3) Touch the lower right corner  Button Enter Menu Options.

4) Click on the top left corner  The icon enters the basic function options of camera and clicks on the menu of requirement to set the relevant content. .

5) click  icon Enter the basic menu function options, click on the menu of requirements to set relevant content.

5) Click on the top left corner of the main interface Icon , You can start or stop recording.  Start recording flicker.

6) You can open the screen saver by clicking anywhere on the screen in the screen saver state.

Lock screen function

The system defaults to "close" setting to "1 minute" and enters screen saver status without operation. Under screen protection, press the power button or click anywhere on the screen to wake up the screen saver and enter the normal operation.

Picture-in-picture switching

Home page click  Switching the front and back full screen, you can choose three display modes: front full screen, back full screen and picture-in-picture. **二、Insert**

and remove memory cards

1. Insert Memory Card: Ensure that the recorder can store video properly
 2. Remove the memory card: press the memory card lightly, the memory card pops up
- Reminder:

Please confirm the insertion direction of the memory card. Incorrect insertion direction may damage the recorder and the memory card.

Turn on and off the recorder

1. Turn on the camera

Press the power button or connect the charger, the recorder sends out a reminder sound, LCD displays the boot screen (default is 3 minutes of cyclic video state), the recorder is in the standby state of video recording; at this time, the LCD screen displays photography, cyclic recording time, WIFI icon, and the date/time is displayed in the upper right corner of the screen.

2. Turn off the recorder

Press and hold the power button for about 3 seconds when the power is turned on. When a prompt sound is heard and LOGO is displayed, the recorder is turned off.

Specific function introduction

System setup

When the recorder is on standby, click on the icon in the lower right corner with the touch screen  enter Video Mode and System Settings Menu, Select the last system settings icon , You can enter the system settings. The system menu is as follows:

- 1) **Keypad tone:** ON/OFF
- 2) **volume:** off/High / medium / low,
- 3) **Clock setting:** You can modify the year, month, day and time. You can adjust the number by the up and down arrows on the right side of the display screen and confirm it by checking after adjustment.
- 4) **Language choice:** English/简体中文/繁体中文
- 5) **Scintillation frequency:** 50Hz/60Hz
- 6) **Automatic closing screen:** off / 1 minute / 3 minutes, the system defaults to "off"
- 7) **Protection sensitivity:** off/High / medium / low, System default "shutdown"
- 8) **System reset** Yes/No. Choosing "Yes" will remove all your previous settings and restore them to the factory default. Please choose carefully.

9) **WIFI Switch: On/off**

10) **Format SD Card:** Yes/No. Selecting Yes formats all the data in the memory card. Please choose carefully.

When using TF card for the first time, please format it on the computer or on the local computer before using it.

11) **Firmware version:** AT-2018XXXX

12) **WIFI Information:** ANTK_XXXX Note: The names generated by each recorder are inconsistent

Format it on the computer or on the local computer before using it.

Video mode

1. Normal video recording

When the recorder is on standby, click the upper left corner.  Keyboard recorder starts recording. During recording, the video icon flickers intermittently. The current video conditions are displayed on the display screen. When the storage card is full, the original video files are automatically covered.

Note: Long press during video recording  Keyboard Recorder will pause recording, Short click again 

Keyboard Video will continue

2. Loop recording

"loop recording" can set up 1/3/5 minutes of cyclic video recording, each video will be recorded according to the set period of time to cycle, when the memory is full, will automatically cover the first video to continue recording.

3. Menus in Video Mode

In video mode, the screen will display the current system settings of the interface and functions of the open icon, click the icon in the lower left corner of the screen. 

That is to say, the menu settings in the video mode are as follows:

- 1) **Video mode:** Full HD/HD. System Default "Full HD"
- 2) **Movie editing time:** 1mins/3mins/5mins. System default "3mins"
- 3) **Voice recording:** On/Off
- 4) Exposure adjustment: -2/-1/0/1/2

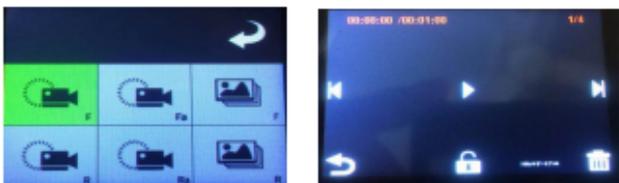
Photo Mode

Touch Screen Home Page Click Screen  icon, The current picture can be photographed. Note: In camera

mode, please stop recording and take photos.

Playback recording You can browse pictures or playback videos in playback mode. In playback mode, there are the following main functions:

1. Press the bottom left corner of the home page  The icon enters the playback interface, as shown in the figure:



Choose the "F" folder as the normal preview video. Select the "Fa" folder to lock the prerecorded video. Choose the "R" folder as the normal post-video, and the "Ra" folder as the locked post-video.

2. After clicking into the folder, enter the interface as follows: can play the selected files, fast forward, fast backward, the previous song, the next song, delete, etc.

3. Another click during playback will be paused, and clicking on the return icon will return to the previous menu.

4. File Writing Protection: When you are worried about the wrong deletion of pictures or videos, you can lock the files in the system settings. The locked files can not be deleted directly. You need to unlock them before deleting them.

WIFI Function Description

1. APP Download and install

Download the APP client and install it on the Smartphone.

About APP Application Software

1)Please download the 2-D code at the bottom of the cover.

2)Android Search "Anzone" Download and Installation in "Application Market".

3)Apple devices should be downloaded and installed directly by searching for "Anzone" in Apple Store.

After installation, an "Anzone" APP application icon will appear in the mobile interface.

2. Open WIFI function

During WIFI connection, the upper right corner of the display screen will be displayed.  Icon, Default SSID: ANTK-XXXX, PWA2:12345678, When the WLAN function set by the mobile phone finds the camera device, input the WIFI password and confirm the connection after connecting, then open the installed APP client of the mobile phone. After connecting to the APP, the functions can be set, photographed and previewed.

This machine supports power supply by step-down line, realizes real-time monitoring function of recorder by using time-reducing video step-down line, connects power supply to the safe box of automobile by step-down line, does not occupy the cigarette lighter of automobile, achieves beautiful and concealed effect.

Technical Parameter

LCD screen size	2.35inch 480*320
pixel	200M CMOS
Lens	170 Degree High Definition Wide Angle

Video resolution	1080P
Video Format	AVI
Loop recording	1Mins/3mins/5mins
Storage card type	TF card support 32G
Power interface	USB Car charger 5V. 2000mA
Current frequency	50HZ/60HZ
Battery capacity	Super capacity
Mic/speaker	Support
Language	简体中文/繁体中文/English

Note: Specification parameters may be changed due to upgrades and updates, whichever is in kind.

Elimination of Simple Problems

If a fault occurs, try the following method to eliminate it. If you can't rule it out by yourself, please contact the after-sales and maintenance department.

Unable to record normal video recordings

– Replacement of TF cards

- Change resolution
- Insert a larger memory card.
- Make sure the card is properly installed (click should be heard during installation).
- Remove unnecessary files from memory cards to free up space.

Video ambiguity

- Make sure the camera lens is clean.
- Wipe off the dust and dirt from the lens, and then shoot.

The equipment works normally, but the buttons don't work.