



Owner's Manual Dashcam-A1

4k Crystal Video
Wi-Fi App Control



E-Instruction



Guide Video

1. About Model A1

1.1 Functions Introduction

a. 4K Ultra-clear Video

Equipped with a powerful NOVATEK chip, A1 can record videos up to 4K (3840×2160). We suggest you choose a high-speed SD card (Class 10) with large storage space. A1 can support an SD card up to 128GB.

b. Wi-Fi and APP Connect

The built-in wireless signal transmitter of A1 forms a local area network within 5 meters (Limit distance) .

3 meters is the best distance for signal reception. Connect the A1 Wi-Fi with a mobile phone within 3 meters, you can download and view the video on the mobile APP.

c. 3.16 inches IPS Screen

Built-in 3.16-inch HD large IPS screen for you to view the video and adjust the setting according your preference easily.

d. Super Night Vision

The combination of f1.8 aperture and WDR technology enhances the clarity of images. A1 makes night shots brighter and prevents overexposure under strong light environment, obtains crystal-clear recording.

e. Parking Mode

A1 will automatically record on 24h parking time, which protects your car from being scratched or stolen. In order to

achieve this function, please purchase the hardwire kit (not included in package).

f. Loop Record

The Loop recording video can be set the timing 1 min, 3 mins or 5 mins. It will overwrite the oldest unprotected video with the lasted footage, make space for your memory card.

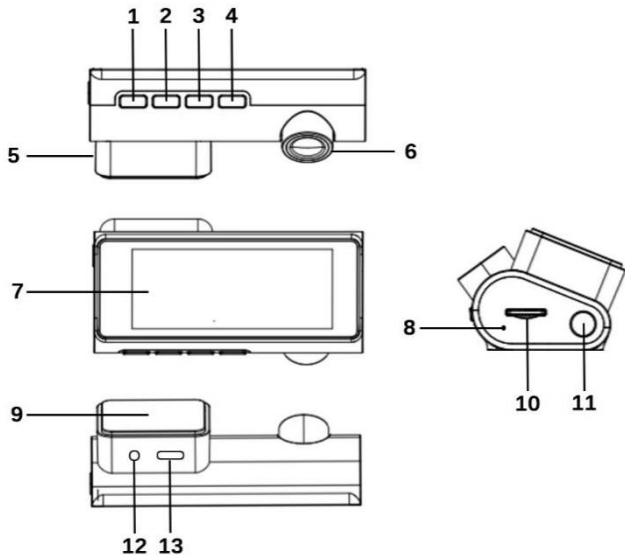
g. Auto Lock the Vital Video in An Accident

When a severe bump happens to your vehicles, the current video will be automatically locked and protected in the memory card, becomes unable to overwrite by the loop recording.

1.2 Parameter

Display Screen	3.16-inch IPS Screen
G-sensor	Built-in
Resolution	4K/2K/1080P
Sensor	6 glass, 170 Degree Wide Angel Lens
Language	English, German, Japanese, etc.
Video Format	Mp4
Picture Format	JPEG
Power interface	5V/1A
Battery	Build in 200mah
Warranty	12 months

1.3 Product Structure

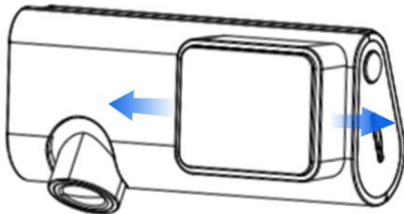


NO.	Content	Description
1	Menu	1.Press to enter setting 2.Long press to enter picture mode 3.Long press twice to enter playback mode
2	Up	Upwards
3	Down	1.Downwards 2.In video mode, short press to turn on/off the audio
3	Wi-Fi	Long press to turn on/off Wi-Fi
4	OK	Press to confirm
5	Kit	Removable power supply base
6	Lens	Adjustable lens up and down
7	Screen	3.16-inch HD IPS screen
8	Reset Hole	Insert to reset the A1
9	Sticker	Stick the windscreen
10	SD Slot	Card insert direction attention
11	Power	Long press to turn on/off A1
12	AV	External equipment (not included in package)
13	Type-C	Charging port

1.4 Power Supply

- For daily recording, A1 camera need powered by an external power, please connect the A1 to your cigarette lighter by the car charger. **Note that:** When without an external power supply, the battery will be drained quickly if you turn on the WiFi mode in this situation (not suggest).
- With an 200mah internal battery, you can remove the camera from the base then operate the dashcam for 5-8 mins after it is full charged (with the WiFi function off).
- Connect / Remove the dashcam from the power supply stand:

Swipe left: connect the dashcam to the base



Swipe right: remove the dashcam from the base

1.5 Package Content



A1



Reset Needle



Car Charger



Stickers



User Manual



Warranty Card

2. Start to use

2.1 Format the SD card on Computer

- Insert the SD card to the SD card adapter.
- Insert the SD card adapter to your computer.
- Click on the icon (My Computer) and select your SD card.
- Right-click to format.

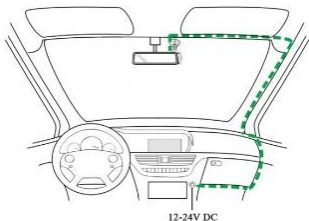
2.2 Insert the SD card into the A1

****Please pay attention to the right SD card insert orientation.**

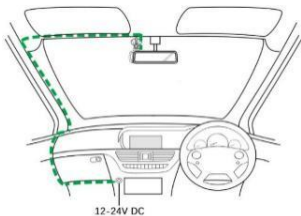
****When you insert/take out the SD card, A1 will turn off, please press power button to turn on A1.**



2.3 Install the A1 to your car



US Customers



UK Customers

- Tear off the lens film and screen film.
- Install A1 in a suitable position on the front windshield (please choose a position that does not block the drive sight), and wipe the selected position with a paper towel.
- Adjust the lens to get the best recording angle.
- Run the cable as the images show.

****More details of installation, please scan the QR code and refer to the guidance video.**



2.4 Adjust the lens angle to get the best view

Note: To achieve discreet design, the screen has limited size, you can only view the limited area of the video.

The whole size of image will be shown on your cellphone or PC.



Viewing on dashcam screen

Display limited area due to the screen size, not the whole image.

Viewing on cellphone/PC

You can see the full size image recorded by the camera via the screen of your cellphone or PC



2.5 Format the SD card via A1

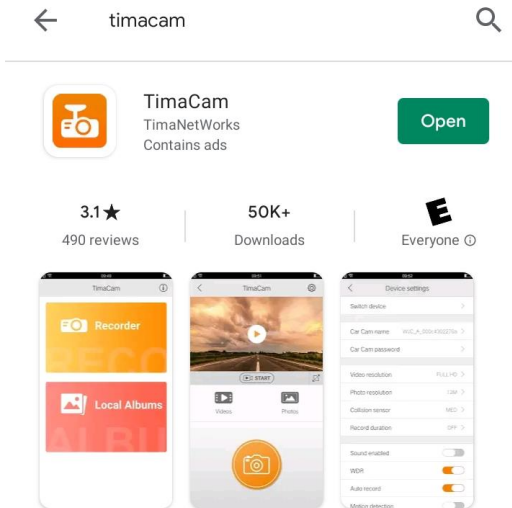
- Double press Menu button to enter the system.
- Press Down button to choose the "Format".
- Press OK to confirm formatting.

3. Wi-Fi Connection

3.1 TimaCam Download

For iOS users, please search "TimaCam" on App Store

For Android users, please search "TimaCam" on Google Play store.

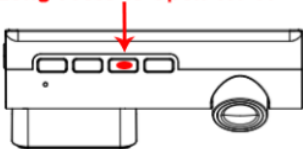


watch real-time record image by connecting to WIFI car cam with Novatek chip.

3.2 Connect the Wi-Fi

- a. **Long press the Down button to open the Wi-Fi signal.**
- b. Open the smart phone WIFI and search for the device in the WIFI network, the name is CarDV***
- c. Enter the password (**default password: 12345678**) for the first connection.
- d. Wait for the phone to connect properly.
- e. Once the connection is complete, the A1 screen shows "Wi-Fi Connected".
- f. Run the "TimaCam", Press "Connect Device"

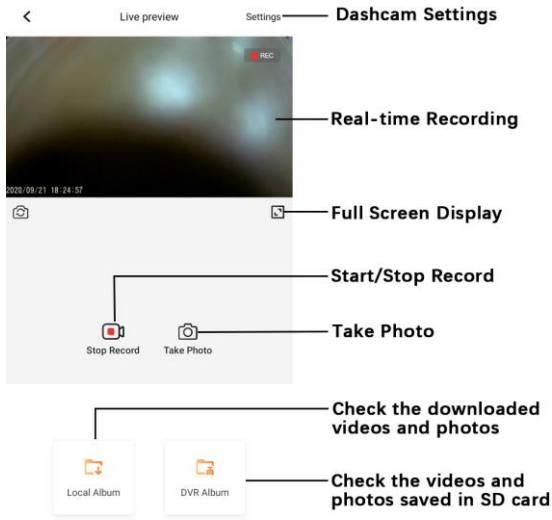
Long Press to open Wi-Fi



****More details of Wi-Fi connection and use, please scan the QR code and refer to the guidance video.**



3.3 APP Interface



Note:

- 1.Any operation, press" Stop record" first.
- 2.In order to play the video more smoothly, please download the video to the local album first.

3.4 Wi-Fi Trouble shooting

PROBLEMS	SOLUTION
My phone has searched the Wi-Fi of the A1 but unable to connect?	<ol style="list-style-type: none">1. Make sure no other device or phone is connected to the A1 Wi-Fi. The A1 does not support connection with multiple devices at the same time.2. Disconnect the Wi-Fi and reconnect again.3. Please restart your phone and try again.4. Reset the A1 if the above step does not work.
Can't connect two phones at once?	One Wi-Fi of A1 can only support one phone to connect. It does not support simultaneous connection of multiple devices.
Why the videos are not clear when I check them from phone screen?	In order to play the video more smoothly, please download the video to the local album first.
Real-time video playback on phones is not smooth	The distance between the phone and the dashcam is too far. It is the best to connect within 3m/9.8ft.

PROBLEMS	SOLUTION
I can't connect the internet when I connect this Wi-Fi?	This Wi-Fi is only used for data transfer of A1 and mobile phone, it can't access the Internet.
File download speed is very slow in app?	The download speed depends on the files size and the interference situation, please give it some minutes to finish.
How to reset Wi-Fi password?	You can change the Wi-Fi name and Wi-Fi password in TimaCam setting.

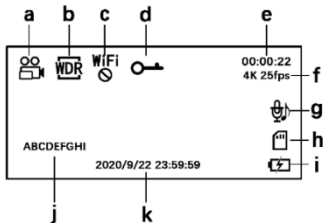
4. A1 Setting

4.1 Video Mode Setting

- Playback (Press to playback mode)
Long press the menu button to quit the playback mode
- Video Resolution (4K25fps/2K30fps/1080P30fps)
- Loop Recording (Off/1min/3mins/5mins)
- WDR (Off/On)
- Exposure (-2 to+2)
- Record Audio (Off/On)
- Motion Detection (Off/On)
- G-SENSOR (off/Low/Medium/High)
- Date Stamp (Off/On)

4.2 Video Mode Interface

- a. In video mode
- b. WDR ON (turn on/off in video mode setting)
- c. Wi-Fi OFF (Long Press the Down button to open the Wi-Fi)
- d. Lock status (in record status, press the mode button to lock the current video)
- e. When in recording, it shows the recording time; when quit recording, it shows the remain recording time.
- f. Video resolution (can change it in video mode setting).
- g. Audio On (press the Down button to turn ON/OFF audio)
- h. SD card inserted
- i. In charging
- j. License plate number
- k. Date/Time



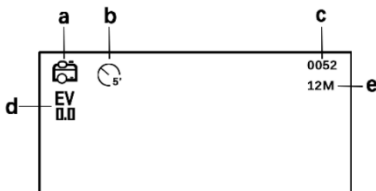
4.3 Picture Mode Setting

****Long press the Menu button to enter picture mode when in video mode**

- Capture Mode [Delayed Capture] (Single/2s/5s/10s)
- Image Size(12M/10M/8M/5M/3M)
- Exposure (-2 to +2)
- Date Stamp

4.4 Picture Mode Interface

- In picture mode
- Time-lapse picture time (can change on picture mode setting)
- Picture file name
- Value of exposure (can change on picture mode setting)
- Image size (can change on picture mode setting)



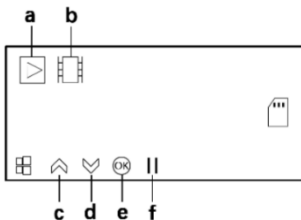
4.5 Playback Mode Setting

****Long press the Menu button to enter playback mode when in picture mode**

- Delete (Delete Current/Delete All)
- Protect (Lock Current/Unlock Current/Lock All/Unlock All)
- Slide Show(2s/5s/8s)

4.6 Playback Mode Interface

- Video
- Picture
- Last video/picture, speed up play
- Next video/picture, Slow down play
- Play/Pause the videos
- Play/Pause status



4.7 System Setting

- Wi-Fi (Off/On)
Long press the Down button to turn off the Wi-Fi
- License plate number
- Date/Time
- Auto Power Off (Off/1min/3mins/5mins)
- Auto LCD (Off/10s/30s/1min)
- Language
- Time Zone
- Daylight saving time (Off/On)
- Beep Sound (Off/On)
- Volume (1/2/3/4/5)
- Frequency (50Hz/60Hz)
- Format
- Default Setting
- Version

5. Trouble Shooting

PROBLEMS	SOLUTION
The view angle is fixed.	You can adjust the lens up and down to get the best view angle.
I can only record a few minutes of videos on my memory card.	Change the recording size (Video Length function) to a smaller size. Increase the size of the MicroSD card. Max 128GB.

PROBLEMS	SOLUTION
The A1 is no response.	Please reset the A1. (the reset needle is in package)
Cannot remove the SD card.	With the card previously installed, you now need to push the card further inwards slightly, using your finger nail, until you hear and feel a small latch. Use the edge of a small coin if you have difficulty. Release pressure and the card will spring out sufficiently for you to take hold of it.
The SD card cannot be read.	Use a good quality branded SD card between 32GB and 128GB (Class 10 or UHS type 1) and format the card within the Setup menu.
When I press the MENU button nothing happens.	This is normal during recording. Stop the recording before pressing the MENU button.
I want to change the position of A1 on the windshield, but the sticker has run out	There is another sticker for replacing, please find it in package.

PROBLEMS	SOLUTION
I take out the A1 from the kit without connecting to power, and it shut down after 25 mins.	The build-in battery can only support 20-30mins use time without external battery. After you operating it, please connect it to the cigarette lighter by car charger.
Find the A1 a little heated after a period time of use.	The camera has metal frame with good thermal conductivity for extended life of cam. The Operating temperature is designed between -10°C to 60°C, so don't worry, it is a common phenomenon.
Cannot insert the SD card	Please use the reset needle (in package) to help insert or take out the SD card.
I can't see full size video on dash cam screen.	Because the screen is only 3.16 inch, you can only see the limited area of the video on dash cam screen. Please see the completed area on your cellphone or PC.
Unresolved issues.	Reset the A1 to the default settings within the Setup Menu and try again. Should the problem persist contact us by support e-mail.

**ANY PROBLEMS, please contact our technical team via email below, we will support 7x24 professional customer support.
(12 months warranty guarantee)**

Here is the E-mail address:

US Customers: support-us@peztio.com

EU Customers: support-eu@peztio.com



E-Instruction



Guidance Video

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Radiation exposure statement: this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body