

AVAPOW

**APP&WIFI Control
DASH CAM**



X1 User Manual

Please read user manual before using,
and keep it for further reference.

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PRECAUTIONS

Please read this manual very carefully before using the camera or installing it, and keep it safe for future reference.

Please read and understand all instructions before using this product. If any damage is caused by failure to follow the instructions, the warranty will be voided.

- Do not expose this product to rain, moisture, or water under any circumstances, or it will result in external or internal damage.**
- Do not put the unit in a damp environment. This device is not designed to be damp-proof.**
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problems, please contact us for assistance.**
- Do not install it where it will block the driver's view of the road, including mirrors or the deployment of airbags.**
- Do not place the camera loose on top of the dashboard or in front of the airbags.**
- Do not mount the camera where it can be a distraction if it becomes loose and falls off the windshield while driving.**
- Do not expose this device to excessive heat, fire, or dust, or use any chemical substance or cleaning solvent to clean this device. Instead, use a soft, moist cloth for cleaning.**
- Pay careful attention when cleaning the lens surface. Use a soft, moist cloth to clean the lens to avoid scratches that may compromise video quality.**
- Do not operate or install the camera while driving, or attempt to change any settings, etc. Pull off the road first, and only do so when it is safe.**
- Do not drop, puncture, or disassemble this product.**
- Do not use the charger if the cord is broken or damaged. Keep out of reach of children.**

This is NOT a toy. Keep away from children.

PRECAUTIONS

Memory Card: Before inserting the external memory card, make sure to inspect it for physical damage or cracks. Please do NOT use a memory card that shows the signs of physical damage or cracks, as it can short-circuit the memory card.

64GB Card Included: If you use another card, you will need to insert a memory card before you can start recording. Please insert only a brand-name Class-10, U3, or higher speed micro SD card up to 512 GB max for reliable operation.

Package Contents



• Dash Cam



• Power Supply Cable with Car Charger



• Hardwire Kit



• User Manual



• Mount



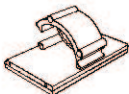
• Quick Guide



• lens Cloth



• Crowbar



• Cable Clip*6



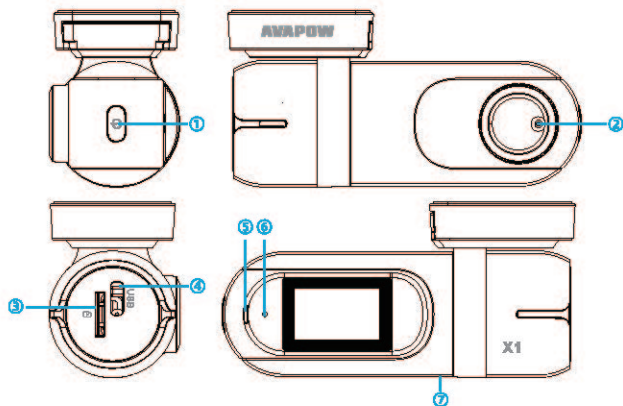
• Electrostatic Stickers (2 pcs)



• 3M adhesive • 64GB microSD Card



Appearance



1. Power button

(Long press  to turn on/off.
When prompted to format the card, short press the power button  or format it in the app.)

2. Front camera

3. Memory card slot

4. Type-C port

5. Status light

Solid blue light: Device is powered on but not recording.

Flashing blue light: Recording in progress

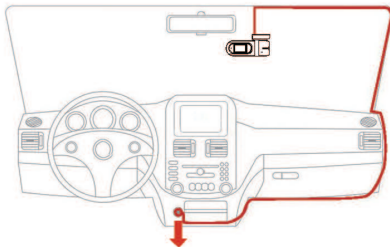
Rapidly flashing blue light: Emergency recording triggered or firmware is upgrading

6. Mic

7. Reset (Press  with a needle for 3s)

Installation

Install the camera as follow, and then connect the camera to the power supply, make sure the camera Wi-Fi is on.



Warm Tips:

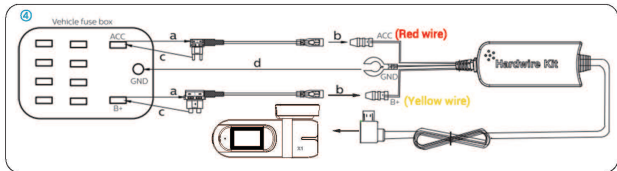
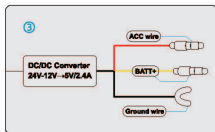
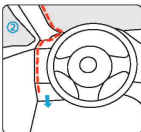
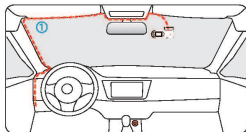
- Do not install the dashcam in a location that will obstruct your required driving view.
- Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
- Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots.

Clean the lens on a regular basis.

- Do not install the device on a tinted window. Doing so may damage the tint film.
- Use only the supplied car charger to power up the device. Connect the car charger's one end to the dash camera's USB port.
- Connect the vehicle's cigarette lighter socket to the other end of the car charger. The dash camera automatically powers on and begins recording when the vehicle's engine is started.

Hardwire Installation

1. Prepare all tools and ensure safety before installation.
2. Find the fuse box (under driver's dashboard or in engine bay).
3. Locate the ACC fuse slot (power on with ignition) and constant power fuse slot (always powered).
4. **a.** take down vehicle fuse box's suitable fuse (Acc fuse and battery port) and insert to fuse connector.
- b.** connect fuse connector to hardwire kit.(ACC fuse port with red cable, battery port with yellow cable),.
- c.** insert fuse connector back to fuse box's ACC fuse port and battery port,
- d.** connect hardwire kit's black cable to fuse box's GND.(refer below picture)For best performance, connect the black wire to a metal chassis grounding screw or bolt.



User Interface Overview

• Recording / Non-recording Mode

Recording



1. Recording

2. SD card inserted

3. Mic (ON/OFF)

4. WIFI (Green icon is connected/White icon is disconnected)

Non-recording Mode



• Emergency Recording Mode



1. Emergency Recording (Video locked automatically)

2. SD card inserted

3. Mic (ON/OFF)

4. WIFI

App and Wi-Fi Function

How to connect Wi-Fi?

• The app supports iOS 15.6 and above, and Android 7.0 and above.

1. Download and install the app

—QR Code located on your dash cam screen.

steps as follow:

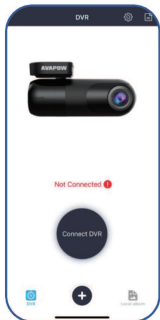


—Search "AVAPOW" in the Apple App Store or Google Play Store.



App and Wi-Fi Function

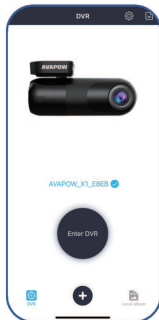
2. Wi-Fi connecting



① Click “Enter DVR” to add the dash cam.



② Please connect the Wi-Fi in the settings.
(Wi-Fi name: AVAPOW_X1_XXXX
Default password: 12345678)



③ After a successful connection, return to the app and click “Enter DVR” to view the real-time dash cam screen.

App and WI-FI Function

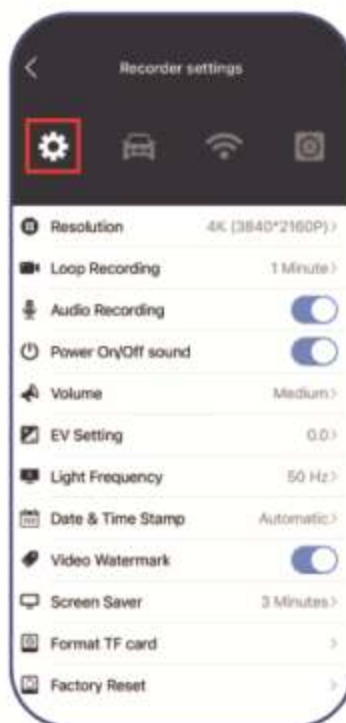
3. App function

• App function



- ① Recording 10s videos
- ② Take a photo
- ③ Playback Mode
- ④ Disconnect the dash cam
- ⑤ Settings

• Function settings



Icon	Function	Option
	Resolution	4k(3840*2160P)/2.5K(2560*1440P)/1K(1920*1080P)
	Loop Recording	1/3/5 minutes
	Audio Recording	On/Off
	Power On/Off sound	Power sound adjustment
	Volume	Volume adjustment
	EV setting	Exposure value setting
	Light Frequency	Light Frequency setting
	Date & Time Stamp	Automatic adjustment / Manual setting
	Video Watermark	On/Off
	Screen Saver	OFF / 1 minute / 3 minutes
	Format TF card	Format Memory Card All data will be deleted. Format the card in these cases. 1.When using a new SD card for the first time. 2.When storage is full or files are corrupted. 3.When not formatted for a long time .(recommended every 1 month)
	Parking Monitor (need additional hardwire kit)	Time-lapse Mode(1F1S/1F2S/1F3S) Parking Mode(Low/Mid/High) Off Time-lapse Duration(12H/24H/48H)
	G-sensor Sensitivity	Low/Mid/High
	Driver Fatigue Alert	Off/1 Hour/2 Hours/4 Hours
	WiFi	Wifi setting

Function

1. Loop Recording

- Dash cam can loop record the video automatically.
Set loop recording as 1 minute/3 minutes/5minutes.



2. G-Sensor

- When the car collides, record it and save it as video urgently and do not delete it. It helps offer you the irrefutable evidence.

The locked videos won't delete automatically.

Had better clear the Mirco SD card every month to avoid that memory is full.



Function

3. HDR (High-Dynamic Range)

- Even in conditions of backlighting, strong light or weak light, it can still clearly capture key information such as license plates and road signs.



4. Parking Monitor

- Low-light Night Vision

See more at night: Capture critical details with 30% enhanced brightness and clarity in dark parking conditions.

NOTE: Parking mode requires an additional hardwire kit.

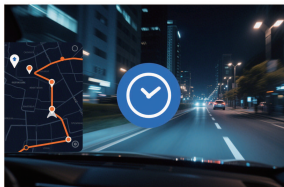


Function

5. Time-lapse record

- Shoot hour-long drives in minutes: Time-lapse technology dramatically reduces storage consumption on your memory card.

NOTE: Time-lapse record requires an additional hardware kit.



6. OTA firmware updates

- OTA firmware update via app keeps front cameras current.



Specifications

Model No.	X1	Screen Size	1.09" screen
Video format	TS (H.265)	Photo Format	JPG
Recording Resolution	4k (3840*2160P) 2.5K (2560*1440P) 1K (1920*1080P)		
Input	DC 5V-1.5A	Lens	F1.8
Operating Temperature	-10 ~ +60°C (14°F ~ 140°F)		
SD Card Max Support	32GB~512GB		

Troubleshooting

1. The dash cam will stop automatically when recording.

Solution:

- ① Check whether the memory is full.
- ② Check whether the loop recording function of the dash cam is working.
- ③ Check whether the microSD card is high-speed above U3.
- ④ Playback the recorded video on dash cam to check whether there might be too many locked videos, which cause the microSD card space run out and stop looping recording. If yes, please format the microSD card.

2. Why can't I connect to Wi-Fi?

- ① Check the working distance of Wi-Fi, about 15ft
- ② Check the SSID and password of the Wi-Fi, or whether there are other devices connected to the Wi-Fi.
- ③ Turn off mobile data, security software, and VPN on your phone.
- ④ If the issue persists, please contact customer support for assistance.

3. Why is the time setting incorrect?

You can adjust the time through APP Settings>Date & Time Stamp>Automatic/ Manual

4. The device will automatically turn on or turn off.

- ① Please format the memory card in the dash cam.
- ② Check the car charger connection status, if the connection is loose, the power supply is not stable, the camera will automatically

Troubleshooting

5. Device keeps restarting / won't power on?

- ① Make sure you are using the original charger and cables provided.
- ② Remove and reinsert the memory card, USB cable, and car charger to check if the issue is caused by accessories.
- ③ Use the reset button located at the bottom of the dash cam to restore it.
- ④ If the problem continues, try connecting the dash cam to a computer via USB cable.
 - If it turns on, the car charger cable may be faulty.
 - If it still doesn't power on, the dash cam itself may be defective.
- ⑤ If the issue remains unresolved, please contact our customer support for a replacement.

FCC Statement

Warning:

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.

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

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.

FCC Statement

–Consult the dealer or an experienced radio/TV technician for help
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body.

Customer Service Center

If you encounter any issues with the features or installation of your dash cam, don't hesitate to contact us for assistance.

Scan the QR Code to **CONTACT US**
Mon-Sun 9am-9pm PST



Scan to Call US:
Call: 1-888-988-0115



Scan to Email US:
service@avapowtec.com



