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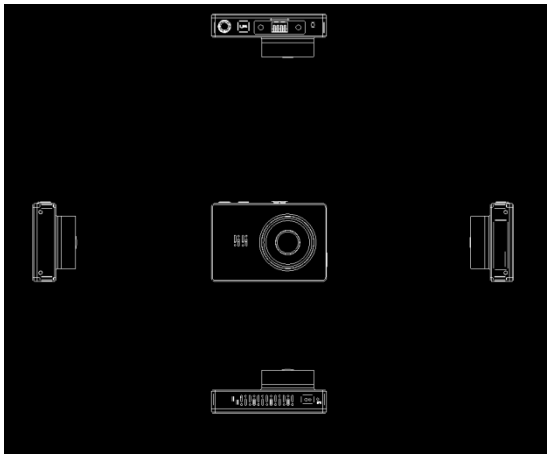
1. Product diagram



Magnetic Suction Mount
Micro USB port (for cigarette power cable)
3.0 inch OLED LCD
Wifi transmitter
Power button
Micro USB port (For Hardwire kit and data transferring to PC)
Reset button
Micro SD slot
Microphone
S.O.S. snapshot sensor
Speaker
Front camera
Rear Camera (optional)

2. First use

2.1 Checking contents

Before using the dashcam, please check the box for completeness and test the camera. Do so simply by supplying power to the dashcam with the included cigarette power cable in your car. Alternatively, you can use a 5V and minimum 1.0A USB phone charger and Micro USB cable to connected it to the power socket in your house.

2.2 Turning the dashcam On and Off

Automatic Power On/Off
The dashcam will power on and start recording automatically when power to the USB port is supplied (when the ignition is turned on). It will stop recording and turn off automatically when the power is cut (when the ignition is turned off). For more information about how to power the dashcam, please see section 3.1.

Manual Power On/Off
The dashcam can be turned on and off manually by pressing the Power button. Short press it to turn it on and press it for 3 seconds to turn it off.

2.3 Resetting the dashcam

In case the dashcam does not respond to any buttons it might be necessary to restart it. Do this by pressing the Reset button with a sharp object (e.g. a paperclip). The dashcam will restart.

2.4 Updating the firmware

The dashcam has the latest firmware installed in the factory. The firmware is updated regularly to introduce new functions and improve the general performance. When the camera is not responding and resetting doesn't help, it is sometimes useful to update to the latest firmware. The latest version of the firmware is available from https://www.azdome.hk/downloads.html.
To update the firmware please follow these steps:

1. Put an empty Micro SD card in your PC and remove all files and folders.
2. Download the latest firmware, make sure to select the right model.
3. Put the downloaded file (ending with .bin) on the root of the Micro SD card.
4. Turn off the dashcam and insert the Micro SD card in the dashcam.
5. Turn on the dashcam.

The dashcam will update the firmware automatically, this may take a few minutes. Make sure not to turn off the power as this might interfere with the updating process. If the update is successful, the dashcam will power on by itself.

3. Installation

3.1 Powering the dashcam

In order for the dashcam to properly work it should always be connected to a power source. The dashcam does have an internal battery but the battery is only designed to make sure the last file can be saved in case of an energy cut (e.g. when you have an accident). There are three ways to power the dashcam in your car.

Using the included cigarette power cable
The easiest way to connect the dashcam is with the included cigarette power cable. Simply plug the cable in your car's cigarette socket and connect the Micro USB connector to the dashcam. Turn on the ignition of the car and the dashcam will power on and start recording. Most cars don't supply power to the cigarette socket when the ignition is off, allowing for the dashcam to turn on and off automatically with the car.
Note: If your car provides power to the cigarette socket even when the ignition if off, the dashcam will not power on and off automatically and will keep recording when the car is turned off.

Using the optional hardwire kit
If you want to use the automatic parking mode function or you don't want to use the cigarette power cable, you can install the optional hardwire kit. The hardwire kit is best installed in the fuse compartment of the car. It is able to supply power to the dashcam even when the car's ignition is off. The 3-wire hardwire kit can be installed on both a continuous and switched fuse, this is necessary for the parking mode to work. Alternatively, it can be connected to a switched fuse only. In that case the dashcam will turn on and off with the ignition of the car like with the regular cigarette cable. Please follow the instructions provided with the hardwire kit for more detailed information.

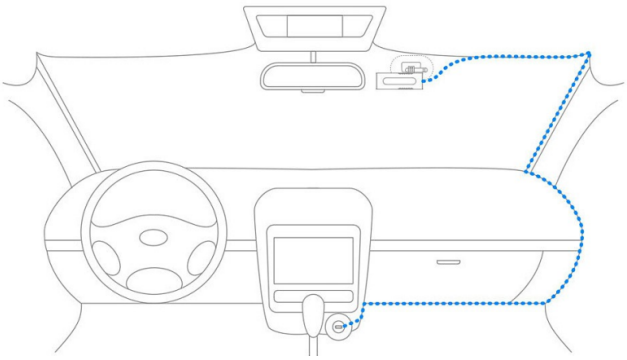
Using a battery pack
If you don't want to use any of the above power cables, using a battery pack is the third option to power the dashcam. Any battery pack with a USB port will do, just make sure that the USB port supplies 5V and at least 1.0A.
Note: AZDome or the reselling party is not responsible for any malfunctioning of the dashcam due to the connection with a battery pack.

3.2 Front camera installation

1. Turn off the car's engine.
2. Insert the Micro SD card into the Micro SD slot of the dashcam.
3. Fix the mount to the front windshield of the car using the provided 3M adhesive stickers.
4. Place the dashcam in the magnetic mount.

5. Connect the Micro USB cable to the dashcam.
6. If you use the cigarette power cable, plug it into the car's power supply.
7. Turn on the car's ignition. The dashcam will power on automatically (or has already if you used the Hardwire cable).
8. **Format the Micro SD card in the dashcam's menu.**

Note: Please use an A-Brand high-speed Micro SD card (Class 10 UHS-I or above)



3.3 Rear camera installation (optional)

The optional rear camera comes with a 6-meter cable that is connected to the front camera. The cable provides power and transfers the video data through this cable. Before installation, please first check if the provided cable is long enough to reach the rear camera in your car. Follow these steps for installation:

1. Connect the DC jack to the AV IN port of the front dashcam.
2. Work your way to the rear of the car to the place where the rear camera is to come.
3. Place the rear camera on the rear window or on the bumper using the adhesive stickers or screws provided.
4. When connected properly, the video of the rear camera is shown PiP (Picture in Picture) wise on the LCD screen of the front camera. The front and rear camera will record simultaneously and both videos are stored separately on the Micro SD card.
5. (Optional) Connect the red wire of the extension cable to the "+" of the power of the backup light and the black wire to the ground ("-"). When connected properly, the video of the rear camera will be shown in large on the LCD screen once the car is put in reverse.

4. Buttons

4.1 Recording mode

Start/Stop recording: Touch to start or stop the recording.

Photo: Touch to make a snapshot.

Microphone: Touch to record or mute the audio.

Lock: Touch to lock the current recording.

Screen: Touch to switch between PiP or front and rear camera.

Playback: Touch to go to playback mode to see recorded videos.

Settings: Touch to go to menu.

4.2 Playback mode

Front locked and Parking mode videos.

Rear locked and Parking mode videos.

Front normal videos.

Rear normal videos.

Pictures/Snapshots.

Lock or unlock the selected file.

Delete the selected file.

5. Menu settings

5.1 Video settings

RESOLUTION

Select the desired video resolution and fps (frames per second). Higher fps results in smoother videos but also more data usage.

Single cam options

- 4K 2160p 24fps (2880p x 2160p)
- 2K 1440p 30fps (2560p x 1080p)
- FHD 1080p 60fps (1920p x 1080p)
- FHD 1080p 30fps (1920p x 1080p)
- HD 720p 120fps (1080p x 720p)
- HD 720p 60fps (1080p x 720p)
- HD 720p 30fps (1080p x 720p)

Dual cam options

- 2x Full HD 1080P 30fps (1920p x 1080p)

LOOP RECORDING

Select the length of the videos for the loop recording. When turned to Off, the dashcam will record one long video but will stop recording when the SD card is full.

- Off
- 1 Minute
- 3 Minutes (Default)
- 5 Minutes

RECORD AUDIO

Record audio with the videos? This function can also be adjusted in recording mode by touching the Microphone icon.

- Off
- On (Default)

TIME LAPSE RECORD

Time Lapse mode is a video mode in which the camera takes one picture per second and later plays this like a 30fps video. This will result in the videos having an extreme fast forward look and. Each 1-minute Time lapse video covers a real-time period of 30 minutes. This mode allows to cover a period of more than 27 hours on a 16GB Micro SD card for a dual-cam recording at Full HD 1080P 30fps.

- Off (Default)
- On

Note: This recording type is different from a normal video. It is less detailed and is preferably only turned on to record long events like a holiday.

WDR

Wide Dynamic Range. Allows for the dashcam to handle low light or bright conditions better.

- Off
- On (Default)

Rear Mirror View

Flip the image of the rear camera 180 degrees. When turned to On, the rear camera will be mirrored.

- Off (Default)
- On

G-SENSOR

Sensitivity of the G-sensor. The G-sensor is a built-in 3-axis impact gravitational accelerometer which is designed to detect impacts. When an impact is detected, the current video will be locked as an emergency file and cannot be removed by the loop recording.

- Off
- High
- Medium (Default)
- Low

PARKING MODE

- Off (Default)
- Time lapse mode

The dashcam will record a 1fps video continuously. When an impact is detected, a 1 minute emergency (locked) video will still be recorded.

- Motion detecting mode

The dashcam will be in stand-by mode (on but not recording). When a motion is detected a normal 1 Minute video will be recorded. When an impact is detected a 1 Minute emergency (locked) video will be recorded.

Note: The parking mode will only work with the optional AZDome 3-wire Hardwire kit installed. The parking mode cannot be turned on or off manually and will not work with any other (continuous) power supply like a battery pack.

EXPOSURE COMPENSATION

Adjust video exposure setting for either brighter or darker video according to your preference. The higher the number, the brighter the image will be.

Options: +2.0, +5/3, + 4/3, +1.0, +2/3, +1/3, +0.0 (Default), -1/3, -2/3, -1.0, -4/3, -5/3, -2.0.

5.2 System settings

WATERMARK
Select which information is visible in the lower part of every video.

- Date Time
- Longitude and Latitude
- Speed

LANGUAGE
Options: English (Default), Portuguese, Russian, German, Italian, Chinese (Traditional), Chinese (Simplified), Korean, Polish, Dutch, Thai.

GPS INFO
Page with additional GPS information like number of satellites, speed, time, longitude and latitude and general connectivity.

SPEED UNIT
Format of the speed when shown in the video.

- KM/H (Default)
- MPH

DATE / TIME
Select date, time and format (YY/MM/DD).

AUTO POWER OFF
Dashcam will turn Off automatically after set time of inactivity.

- Off (Default)
- 1 Minute
- 3 Minutes
- 5 Minutes

SCREENSAVER
LCD screen will turn Off automatically after set time to not distract the driver too much. The dashcam will keep recording after the screensaver is activated. The screen can also be turned On and Off manually by short pressing the Power button.

- Off
- 1 Minute (Default)
- 3 Minutes
- 5 Minutes

BEEP SOUND
Beep sound on touching screen.

- Off
- On (Default)

FREQUENCY
Select frequency. 50 Hz is mostly used in Europe and Asia and 60 Hz is mostly used in North America.

- 50 Hz (Default)
- 60 Hz

SD STORAGE
Page with the total capacity and residual space of the Micro SD card.

FORMAT
Format the Micro SD card. All data will be erased.

- Cancel
- OK

DEFAULT SETTING
Restore to factory settings.

- Cancel
- OK

VERSION
Installed firmware on the camera. Check www.azdome.hk for recent firmware updates.

6. Connecting with the App

This dashcam has the option to connect it to your Android or iPhone to instantly see and download recorded videos and to change settings. The dashcam can broadcast a Wifi network to which you can connect within a range of about 10 meters. Use the AZDome App to connect to the camera. It is available for free in the Appstore and Google Play store. See below for detailed connection steps.

1. **Turn on Wifi**

The Wifi is turned on automatically after the dashcam is turned on. If no connection is established within 30 seconds, the Wifi will automatically turned off. The Wifi can also be turned On and Off manually by pressing the Wifi button on top of the dashcam. When the Wifi is On, the name and password of the Wifi network are visible on the screen.

2. **Establishing a connection**

When connecting for the first time, open your phone's Wifi settings and search for the network name (shown on the screen). If you've connected before, you can go straight to the AZDome app and connect to the dashcam from there.

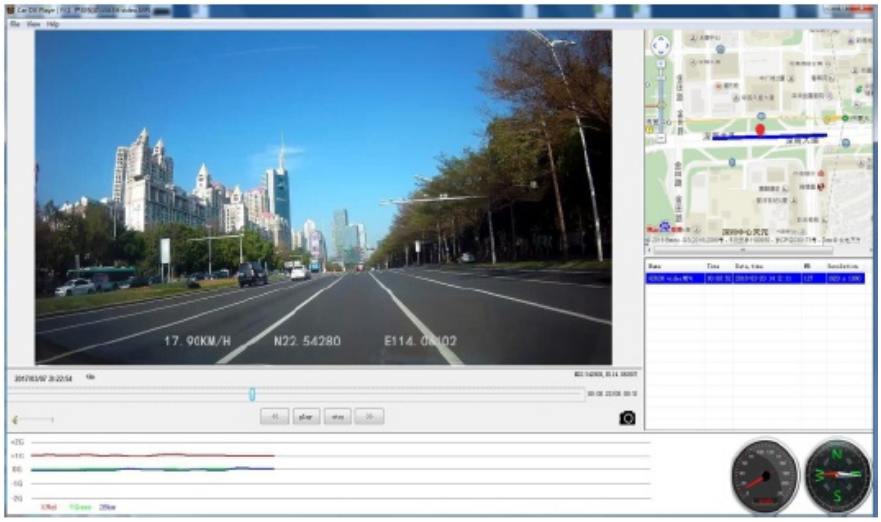
3. **Open the App**

When you open the App you will see the live video from the dashcam. You can start and stop a recording by pressing the middle red record button. Press the left round button to see stored videos and press the right button to switch between Video and Photo mode. In the top right corner, you can change the settings of the dashcam.

Note: Your phone might give a message regarding a poor or no internet connection on the network. Dismiss this message and choose to stay on the network if you get the option. The message is normal as there is no internet connection available when connected to the dashcam. Also turn off any functions that automatically select the best Wifi networks and make sure you have no preference networks that your phone switches to automatically. If you still have problems connecting, always first check If you are still on the Wifi network of the camera.

7. GPS Player

This dashcam has a GPS receiver that stores the GPS data in every video file. Using the GPS receiver, the location of every video is recorded and the current speed is shown in the video. Using AZDome's GPS player, the videos can be shown together with the GPS location in Google Maps. The G-sensor activity is also shown in the lower part of the player. AZDome's GPS player is available for Mac and Windows, check AZDome.hk for downloads.



If Google maps isn't loaded properly, please try the following operations:

1. Run GPS Player as Administrator on Windows (right click the App, then choose 'Run as Administrator').
2. Upgrade the Internet Explorer to IE 10 or above.
3. If it still doesn't work, please contact us at **service@azdome.hk**

8. WARRANTY & SUPPORT

We provide a one year limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.
For questions, support, or warranty claims, contact us at service@azdome.hk

IMPORTANT:
Proof of original purchase is required for any warranty service. AZDOME can only provide aftersales service for products purchased directly from AZDOME. If you purchase from our official distributors or dealers, please contact them directly.