

# Dual 4K WIFI Dash Cam User Manual



Thank you for purchasing from Falcon Electronics, we develop this product based on the difficult to get current traffic accident evidence.

This product combines the industry-leading **wide dynamic 4K HD recording, with seamless loop recording, ultra wide-angle shooting, comes with crystal clear HD display screen and real-time playback, motion detection recording,** and other technologies.

This manual will explain in detail how to install, operate, product parameters and precautions, etc. Please read and keep it in good condition before use and we hope that this product will meet your needs and serve you for a long time! However, the specifications may make changes due to firmware upgrade, updates and other reasons, please subject to our actual products, without notice. Manufacturers have the right to change the technology directly without notice.

## **Installation instructions**

The installation of this product should be windshield mounted in the middle of your windshield. For the clearest picture quality, do not touch the lens with your fingers, because the grease on the finger may stay on the lens. Suggestion to clean the lens regularly.

## **Precautions**

- ◆ use the original factory standard charger;
- ◆ can not be privately disassembled on the dash camera to avoid affecting the scope of warranty;

### Product description



No.	Name	Operating Instructions
1	Power button	Long press on / off, short press to turn on / off the screen backlight
2	Mode Button (M) Middle left button	A mode button for switching between recording / photo / playback function, short press this button in the recording mode to lock the current video file, not being overwritten
3	OK button	Recording / photo / confirmation button, short press this button to start recording in shooting mode, short press again to stop shooting. In the recording mode, press this button to take picture, and it is the confirmation button in menu mode.
4	UP button	Function buttons up in menu options, Insert the second camera, toggle between cameras when in standby or video recording mode
5	Menu button Middle right button	Short press to enter the setup menu when under Standby
6	Down button	select the function buttons down in menu options, shortcut button of turning on / off the recording sound.
7	Display screen	4-inch high-definition display
8	Reset button	Used to restore the dash camera when the dash camera crashed.
9	Second Camera Port	Rear View Camera (1080P) interface
10	SD card slot	Memory card slot
11	GPS Port	Use to connect GPS module
12	USB Power CLA port / USB Connection port	Use to connect PC to transfer data

### **Recorder installation**

1, **Insert the memory card:** Please follow prompt direction on memory card slot and correctly insert the memory card, press the memory card until a click sound, because video storage of dash cam requires a higher speed card, pay attention that the memory card must for high speed card (CLASS10 above).

**Note:** Please use the dash camera to format SD card for the first use.

2, **remove the memory card:** press the memory card, pop-up slot.

**Note:** Do not remove or insert a memory card while the dash camera is on to prevent damage the memory card.

3, **installed it on windshield of car.**

Attach mounting bracket to dash camera, press it on the front windshield according to the desired angle, fasten the dash camera into the mounting bracket according to the direction, and then adjust the front view lens horizontally forward.

### **4, Plug in power supply**

Please use the factory standard original car charger

### **5, equipment on / off**

Automatic car on / off: Once the car engine starts, the dash camera will automatically start recording. If CLA adapter powers off, the dash camera will automatically save recordings and power off within 15 seconds.

### **Initial setting of dash cam**

#### **Setting time and date:**

Stop the camera from recording if it is. Press the bottom left OK button. Next Press the middle right button two times, use right down arrow button to highlight Date/Time, press OK button. Use up/down arrows to change date and time and use OK button to toggle between sections.

#### **Dash Camera recording mode:**

1, when vehicle is ON, the dash camera will automatically start recording, when the engine is turned off, it will automatically stop recording, or press the OK button to manually stop recording.

2, Manual recording option: press the OK button, then start recording; press the OK button again, then stop the recording.

**Note:** (1) Every 1, 3, 5, 10 minutes of recording, it will be saved once, please refer to the loop recording menu.

(2) The dash camera will save the recording to micro SD memory card, if the memory card capacity is full, the oldest recordings will be overwritten.

(3) For the G-sensor or emergency recording, video can not be overwritten, you need to manually delete using the format process.

3, emergency recording

**Note:** If the G-sensor function is activated and a collision is detected, the dash camera will automatically lock the current recordings and can only be deleted when card is formatted.

### **Using Dash cam to take pictures**

- 1, short press **M** button, switch to recording mode, the upper left corner of the screen shows the recording icon.
- 2, short press **OK** button to take pictures, take pictures when the screen flashes once, it means the recording is completed.

### **Video / photo playback operation**

- 1, Press **OK** button to stop recording.
- 2, short press **M** button two times, to view playback menu
- 3, short press **▲ ▼** button to select the file up or down.
- 4, short press **OK** button to play the selected video file; short press again to pause playback.

### **Menu set operation**

- 1, if you are taking pictures, press the **OK** button firstly to stop the recording.
- 2, press the main menu button **☰** once to view video settings, press twice to view setup menu.
- 3, short press **▲ ▼** button to cycle up and down each menu options
- 4, highlight the settings you want to change, press the **OK** button to enter the change.
- 5, short press **☰** when done to exit and return to main recording screen.

### **1, G-sensor function**

When abnormal rapid deceleration or acceleration occurs, or an accident is detected, **the dash camera automatically saves the video as a non-erasable file to micro SD card**

G-sensor can be adjusted to High- Medium - Low – Off in the menu. Factory default Medium. RECOMMENDATION TO SET TO LOW

### **2, file locking function**

Press **M** while recording, the dash camera will save the current video as a non-erasable file.

**Note: Do not operate the dash camera in the car, to avoid any traffic accident.**

### **3, parking monitoring function**

(1) parking monitoring is turned on, when the vehicle is turned off, dash cam enters into the automatic shutdown program, If the car receives a vibration from the external force, the dash cam will start recording, automatic shutdown after recording 10-15 seconds; When the vibration is detected again, the recording function will be started again.

(2) the of parking guard recording is for 1080P 30 fps, and the file is automatically locked.

Note: The parking guard function must be in the case of automatic shutdown of dash cam.

**the parking guard function does not work after turning on/off manually.**

### **4, motion detection function**

After turning the motion detection on, short press **OK** button to start the recording, it automatically switches to motion detection standby state after the recording 10 seconds. there will be flashing yellow dots on the upper left corner of the screen, when detecting moving objects. The motion detection start time is 10-30 seconds. After motion detecting, the dash camera automatically enters the motion detection standby state, the upper left corner of the screen switches to yellow flashing; when the object is detected again to move, start the recording again!

## 5, RESET

If the dash camera is abnormal or dead during use, you can press the RESET button (small hole of the housing) by the small needle to reset the dash camera.

Menu Options	Description	Available options
<b>Video Quality</b>	<b>Sets the resolution of the video</b>	<b>UHD (2880×2160) P24, QHD (2560×1440) P30 FHD (1920×1080) P60, FHD (1920×1080) P20 HD (1080×720) P120, HD (1280×720) P60 HD (1280×720) P30, FHDP30 + FHD P30</b>
Loop recording	Set the time of each video file	1 minute, 3 minutes, 5 minutes, 10 minutes, off
Shrink video recording	Set the number of video frames	100MS, 200MS, 500MS, off
WDR	<b>Wide dynamic, automatic</b> adjustment of light	On, off
Exposure compensation	Lack of exposure, the screen is dim, need to fill light	+2.0, +5/3, +4/3, +1.0, +2/3, +1/3, +0.0, -1 / 3, -2/3, -1.0, -4/3, -5/3, -2.0
Motion Detection	<b>In standby mode</b> , automatically records when motion is detected	On, off
Video, audio	The recording function is turned on or off	On, off
Time watermark	Watermark of the date and time	On, off
G-sensor	Video generated by collisions is never overwritten	High, medium, low, off
Parking monitoring	<b>when the car is stopped, dash cam will start recording if</b> motion, or vibration is detected by the external force	On, off
License plate number	You can input license plate number of the car and display it in the video file	Such as: LP A123456
ADAS	Track offset warning	On, off
Date / time	Date and time	Can set year, month, day, hour, minute, second
Automatic shut-down	automatically powers OFF based on time settings	1 minute, 2 minutes, 3 minutes, 5 minutes, 10 minutes
Button sound	the button sound when navigating on dash camera	On, off
language settings	The language of the operation menu	Simplified Chinese, Traditional Chinese, English
TV mode	Video output standard ( <b>domestic selection PAL</b> )	NTSC, PAL
Light source frequency	Lights flashing frequency	50HZ, 60HZ
screen saver	Set auto turn off time	Off, 1 minute, 3 minutes
format	delete the data on the memory card	SD card
default setting	Restore factory settings	cancel, confirm
version	Factory software version	Software version number

**Product Specification Sheet:**

product name	Dual – 4K WIFI Dash Camera
Number of cameras	dual core
Resolutions	4K, 1080P Full HD
Video pixels	3MP
Recording pixels	12 million
screen size	4 inch 16: 9
Lens	A + level high resolution ultra-wide-angle lens
Language	English
file format	MP4
Photo format	JPG
Video resolution	1920 * 1080P ,1280 * 720P
Color effect	standard
Uninterrupted loop recording	Seamless loop recording, no seconds left
Car switch on/off	Support turn on when car boot, turn off when car shutdown
Year and month	Support
Run memory	1024M
Lens aperture	F2.0
Collision induction	Support
Motion detection function	Support
storage card	SD card (maximum support 256GB)
Reverse image	Support
microphone	Support
Built-in speaker	Support
Night vision	Starlight night vision
Current frequency	50HZ / 60HZ
USB function	stand by
Power interface	CLA power supply
battery	built-in battery

**Infringement of copyright / privacy notice**

Please note that this product is for personal use only, and its use must not violate national or international copyright / privacy laws, that is, the recorded images are for personal use only, may not be released at random, and in some cases, using this product to record performances, exhibitions or commercial activities may infringe the copyright or legal interests of others.

# CONNECT DASH CAMERA VIA WIFI



## Download TimaCam App

### iPhone:

Search TimaCam app in App Store

### Android:

Search TimeCam app in Google Play

### HOW TO Connect mobile phone to dash camera via WIFI

Go to mobile phone settings then select:

1. WIFI
2. Select NVT\_CARDdcaa wifi network
3. Once connected, go to TimeCam App





### Troubleshooting

In the case of normal operation, if product has abnormal problems, please refer to the following method to solve:

#### Can not boot

Check if the dash cam is connecting to car charger correctly, if manually boot, check the battery power is too low and need to charge, because of the program, restore to factory settings by pressing the RESET button.

#### Automatically stop recording when recording, or do not loop recording:

As high-definition video data is huge, maybe reading and writing speed of the memory card can not keep up with it, please use high-speed SD card such as C10 high-speed card.

no loop recording may also be G-sensor function turned on, the memory card is full of locked files caused by the G-sensor. please close G-sensor function and format the memory card.

#### Time of each circulation recording is different from setting:

Please check whether the motion detection function is enabled, because the recording time in the motion detection state depends on whether the screen has moved.

#### The film is not clear:

Please check the lens is dirty, fingerprints, please clean the lens surface before recording, keep the lens clean and tidy.

#### the effect of recorded videos varies from good to bad:

the light environment will affect recording effects, such as backlight, smooth light, the intensity of light etc. they will cause different video results.

#### Crash:

Press "RESET" button to restore and restart the dash cam.

#### Disclaimer

Dash camera is the recording equipment of image and sound and other related information during driving, **only used as auxiliary reference in accidents**, to avoid misunderstanding of the user, we will make some special notes.

#### Special Note: the dash camera record files only when it is under normal working state.

But the following circumstances will lead to image damage or loss;

- 1, during video recording, pulling out the SD card, will lead to the last video file damaged or lost.
- 2, during video recording, illegal power off, will lead to the last image damage or loss.
- 3, during video recording, the video is damaged or lost due to a destructive collision
- 4, during video recording, a large collision, resulting in the current memory card loose, will damage the file or cause the file lost.

**Recorded audio and video of dash cam are only as a reference, we are not responsible for any loss caused by file corruption, data loss, etc. when dash cam is in abnormal circumstances**