Dual 4K WIFI Dash Cam User Manual

Thank you for purchasing from Falcon Electronics.

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

IMPORTANT:

Please check your local/state laws or municipal codes in your area related to proper use and installation of this product.

BEFORE YOU RETURN THIS PRODUCT, PLEASE CALL US at 972.600.1320 if you have any problems getting your Falcon Electronics Dash Camera up and running.

YOUR COMPLETE SATISFACTION IS OUR NUMBER ONE GOAL

If for any reason your experience with our product was anything less than satisfactory, please reach out to us. We would love to have the opportunity to provide the product experience and service you deserve.

Customer support line available from 8am M – F 5 PM CST:

972.600.1320

Email: jamesfalconeye@gmail.com

Installation instructions

Standard installation is mounted facing front on the inside of the windshield. For the clearest picture quality, do not touch the lens with your fingers. Suggestion is to clean the lens regularly.

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

Memory Card installation

1, **Insert CLASS 10 or above memory card**: Correctly insert the memory card until you hear a click sound.

Note: Please use the dash camera to format SD card when powering on dash cam for the 1st time

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 damaging the memory card.

3, windshield mounting: Carefully clean area on windshield with alcohol where you intend to mount dash cam.
Press suction cup FIRMLY onto the windshield.
Engage locking lever to secure suction cup in place. The suction cup can be moved freely by disengaging and re-engaging the locking lever.
Slide dash cam mounting port onto suction cup mount. Once dash cam is positioned correctly, tighten thumb wheel nut to secure in place.

4, Plug 12V power adapter into vehicle's 12V power (cigarette lighter) port.
Plug mini-USB end into dashcam's port. The unit will automatically turn on and start recording
(when a memory card is installed), Press OK button to stop recording.
To manually power on the device, PRESS AND HOLD the Power button until the display activates.

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.

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

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, switching recording mode to camera mode, the upper left corner of the screen shows the camera icon.

2, short press **OK** button to take pictures, take pictures when the screen flashes once, it means the recording is completed.

3, short press ▲ ▼ button to cycle up and down each pictured taken
4, short press 目 when done to exit and return to main recording screen.

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**

G-SENSOR While in loop recording, this feature will lock a video file and protect it from being deleted when the camera is jarred or senses a sudden shock. This camera has 3 sensitivity settings: low, mid, and high.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.

PARKING MODE While powered ON, the camera will sense motion and automatically begin recording.
MOTION DETECTION The dashcam will sense motion and automatically begin recording when powered ON. Toggle ON/OFF for this feature.

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 目 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 目 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.

(3) **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!

(4) RESET Button

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
Video Quality	**Sets the resolution of the video**	**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**
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	Wide dynamic, automatic 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	In standby mode, 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	when the car is stopped, dash cam will start recording if 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 (domestic selection PAL)	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

CONNECT DASH CAMERA VIA WIFI

Download TimaCam App

Iphone:

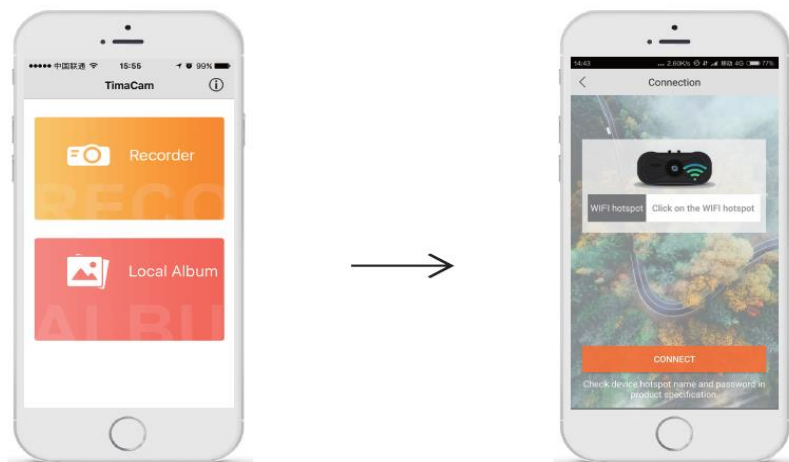Search TimaCam app in App Store

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 Guide:

Check power supply
Check the 12V power adapter is securely fitted into the car power socket and the LED is always illuminated whilst the engine is switched on. If the LED flickers or goes out during use, then the power adapter may not be securely fitted into the socket, which will cause the camera to power down. Check the fuse in the end of the adapter is not blown

Check SD card is Class 10 or higher:
Other SD cards may not perform to their specified speed and cause recording problems, especially when recording at Full HD resolution.

Crash:

If the camera has an issue that cannot be resolved using the troubleshooting section above, then press the RESET button with a paperclip to reset the camera back to its factory settings If the problem still persists then contact Ring Technical Support at 972.600.1320

Disclaimer

Driver is responsible for the safe operation and control of the vehicle. Do not substitute your driving judgment with the information provided by this feature. Falcon disclaims liability for injuries, damages, or death arising from use of this feature. Warning ! The Lane Departure Warning System (LDWS) feature, when turned on, is for limited informational purposes only. The LDWS does NOT replace a driver's responsibility to use safe driving judgment, comply with all traffic regulations and observe all road and driving conditions at all times. The LDWS uses the camera to provide a determine if the vehicle is drifting toward or departing from designated lane markings and, as a result, may have limited functionality in low visibility or certain weather conditions or when driving on unmarked or poorly marked roads."
Driver is responsible for the safe operation and control of the vehicle. Do not substitute your driving judgment with the information provided by this feature. Falcon disclaims liability for injuries, damages, or death arising from use of this feature.

CAUTION: Modifications or parts not approved by Falcon Electronics Corporation may violate FCC Rules and void authority to operate this equipment.