



## LAMTTO DC12 4K Dash Cam Built-in WiFi GPS User Guide

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## LAMTTO DC12 4K Dash Cam Built-in WiFi GPS User Guide

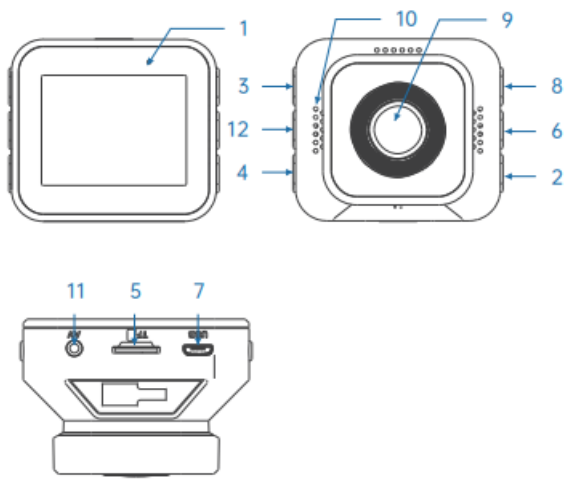


### Important Notice

1. This product is intended for use in motor vehicles only. DO NOT install the camera where it might block the driver's view of the road (including the mirrors) or the deployment of the airbag.
2. Before using this camera, please format the memory card in the computer (select 32 KB unit size to format it), then insert the memory card first, and format the memory card in camera menu.
3. This camera records video at high resolution, Be sure to use U3 high speed Micro SD card, memory card with writing speed over Class 10 or above is recommended, 32GB to 128GB cards are recommended.
4. For safety reasons, this camera has a relatively small built-in battery. It's used only for parking monitor(optional) and save the video file after external power supply cuts off ( car turns off).
5. Make sure the camera lens is clean and there is nothing blocking the lens.
6. DO NOT leave the camera in direct sunlight for a long period of time or where the temperature could go above 170F (75°C).
7. The camera is equipped with internal GPS function.

### Product description

1. Product structure



1. Work Indicator
2. Menu /Mode Button
3. Up Button
4. Down Button
5. TF Card Slot
6. Reset Hole
7. USB Power Interface
8. Power Button
9. Camera
10. Horn
11. Back Camera Interface
12. OK Button

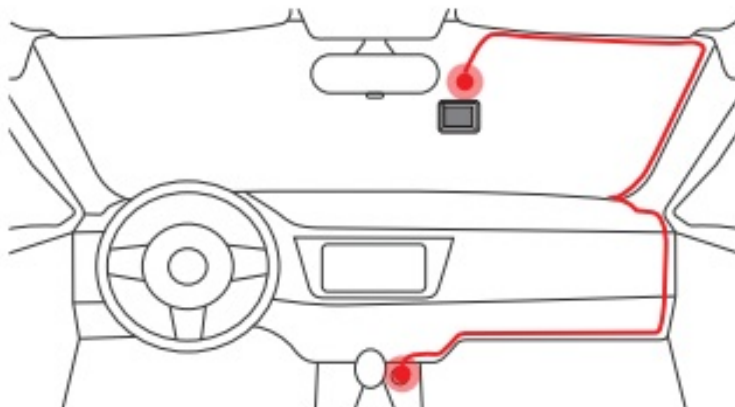
### **Button and function description**

Name	Function Explanation
Work Indicator	After power on, the blue indicator lights up and flashes when recording
Menu Button/ Mode Button	<p>1. Press this button to enter the function setting menu; Press this button continuously for a short time to switch between settings;</p> <p>2. In the process of recording, pressing this button will lock the current video file and save it as a file that cannot be deleted</p> <p>3. Long press this button to switch between shooting/photographing/ playback</p>
Up Button	<p>Select the function button upward in the menu option;</p> <p>In playback state, this button is fastback function;</p> <p>Short press to turn WiFi on / off in standby mode</p>
Down Button	<p>Select the function button from the menu;</p> <p>This button is fast forward in playback state</p> <p>Long press to turn on or off the recording function during the recording process;</p> <p>In the back pull state, short press can switch the screen display, dual screen / front view lens / rearview lens display</p>
TF Card Slot	Memory card slot

Reset hole	Crash reset button
USB Power Interface	It is used to connect an external power supply to charge battery or provide working power; For connecting to GPS
Power Button	Short press power on and long press power off;
Camera	Viewfinder
Horn	Play video or audio file's amplifying hole, operate audio reminder
Back Camera Interface	Rear view lens video input port
OK Button	In the camera mode, short press this button to start recording, and then short press again to stop recording; Press this button to take photos in photo mode; Confirm button in menu mode

## Set up and installation

When the machine is charging, it will record video automatically, if you want to end or stop recording, please press "OK" button.



## Set Up and Installation

1. Use the 3M holder sticker mount or suction cup mount to install the DC12 dash cam on the windshield, The

- recommended location is near the rearview mirror facing front, adjust the lens angle for the best coverage.
2. Plug the included power adapter into the car cigarette lighter socket, the indicator will light up, which means the power is on.
  3. Connect the power adapter and the dash cam, and route the excess cable alongside the interior trim for better looking.
  4. Install the rear view camera on the back of the car (usually under the license plate), adjust the lens angle for the best coverage, and then connect the rearview camera connector to the main engine.
  5. Start your car, the camera will automatically power on, check the lens angle and coverage, make sure all functions work well before going on the road.

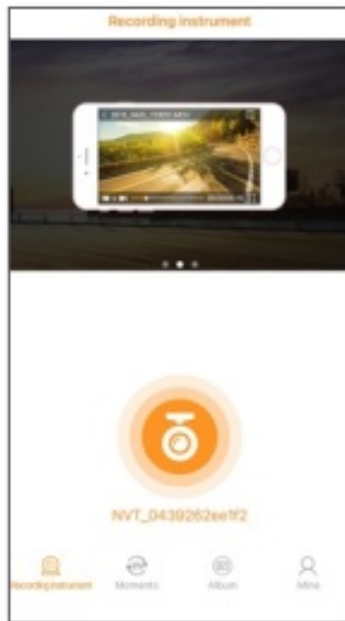
### Special Function Description

1. G-sensor function
2. When gravity acceleration ( $lg = 9.80 \text{ M} / \text{S}^2$ ), the machine will automatically lock the video file when the accident occurs and save it as an Undeleteable file; G-sensor gravity sensor can be selected from the menu. This machine is equipped with the option of Off/ Low/ Medium/ High gear 4, the factory default is medium grade.
3. One button lock function In the process of recording, press the menu button briefly, the camera will save the current video as a file that cannot be deleted and this icon will be displayed on the screen.
4. Auto on / off Support the car power, auto start video after the car starts, auto save and auto shut down after the car flameout;
5. WiFi function
  - (1) After power on, the machine automatically turns on WiFi by default
  - (2) In standby mode, press the function button, press the menu button to enter the menu option, select the WiFi function option and press "OK" button to enter the WiFi mode, as shown in the following figure:  
Through the mobile phone app, you can connect and operate the mobile phone.
  - (3) In standby mode, short press the up button to open WiFi ode.
- 5) Rear view First of all, the car charger must be connected to the recorder, the rear camera is inserted into the back camera interface, and the red wire on the rear camera is connected to the positive pole of the reversing lamp. The car charging will automatically start recording. In any state, if there is reversing, the reversing image will be displayed. The machine will automatically return to the recording mode after the end of reversing video.

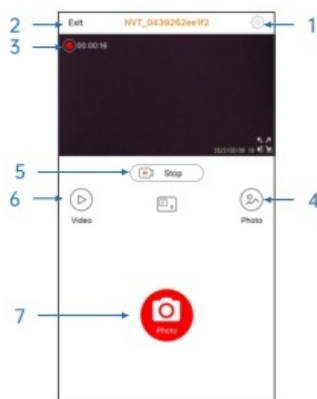
### Application Installation and WiFi Connection Instructions:



1. For Android smartphones, please go to the software store to search “roadcam”, directly to download and install. For 10S smartphones or iPad, please go to the Apple store directly searches “roadcam” to download and install.
2. In the standby mode, press the menu button to enter the menu option, select the WiFi function option and press “OK ” button to enter the WiFi mode. At this time, the WiFi open icon will appear on the screen, and the SSID hotspot name and pwa2 password will be displayed on the screen
3. Open the WiFi connection on the mobile phone, and the mobile phone will automatically search for WiFi hotspots. The name of SSID hotspots is NVT \*\*\*\*\*
4. After connecting WiFi, you can click to open the opp (roadcam) program downloaded and installed in advance.
5. After opening the opp, click the Yellow camera icon below to connect, as shown in the figure below:



6. After successful connection, you will see the real-time picture of the recorder as shown in the figure below:



7. Recorder Function Setting 5. Camera
8. Disconnect the Device 6. Video playback
9. Recording Time 7. Photograph
10. Picture Playback

## App Interface Icon Instructions:

1. Recorder function setting Icon: Click to enter the recorder to set various menu functions



2. Disconnect the device: Click to disconnect the opp from the device
3. Recording time: the display time of the recording
4. Picture playback: Click to view the pictures online and download them to the mobile phone for sharing
5. Camera: Click to record or stop
6. Video playback: Click to view the video online and download it to the mobile phone for sharing
7. Photograph: Click to take a picture

### **Basic Operation Instructions for Dashcam Photography:**

1. Start and shut down Press the power button to start the power supply, and the power indicator will be on when it is started; Press the power button to turn off after power, and the light will go out.
2. Camera mode Press Menu/Mode button for a long time to switch to camera mode, press "OK" button to start shooting, video icon • will start flashing, and blue indicator light starts flashing to enter video working mode.
3. Photo mode Press Menu/Mode button for a long time to switch to photo mode, press "OK" button for photo taking, and the screen flashes once during taking photos, indicating that the photo is completed.
4. Video / photo playback Press Menu/Mode button for a long time to switch to playback mode, and the playback icon is displayed in the upper left corner of the screen; Press up to select the file up; Press the down button to select the file down; Press "OK" to play the selected video file;
5. Menu settings Press Menu/Mode button to call up the setting menu; By pressing up or down button briefly, you can cycle up and down selection in each setting item; Select the setting item to change, and press "OK" to enter the change;
6. Exit the setup menu Press Menu/Mode button to exit the setting status;

### **Time Setting**

1. Press Menu/Mode button to enter the setting item continuously, press "Down" button to select date setting, press "OK" button to enter, and short press "OK" button to switch between year/month/day/hour/minute/second. Adjust the required value by Up / Down button, confirm modification by short press "OK" button, and then press Menu/Mode button to exit time setting.
2. When the machine is connected to WiFi, the time will be automatically updated Note: when the product is used, the machine will be on due to improper operation. Press the reset button to start up again, and then it can be restored to normal.

### **Installation Guide**

1. Turn off the engine of the car.
2. Insert TF card into the recorder card slot.  
[Note] Please use high speed TF card (C10 above)
3. Fix the recorder on the windshield of the car.
4. Insert the car charger into the cigarette lighter.
5. Connect the USB interface of recorder with charger on board with charging extension cable. [Note] During wiring, the charging extension line can be laid along the edge of the windshield.
6. Install the rear camera at the rear of the vehicle, pay attention to the direction when installing. The wiring can be laid along the roof of the vehicle. After installation, connect the pull back plug to the recorder pull back

interface

7. Adjust the lens position to ensure the lens is level with the ground.
8. Start the engine and check whether the machine is installed correctly.

[Note] When the machine is installed correctly, the system operation indicator light will be on; The machine starts to enter the record state, and the video indicator light flashes. Please note that the screen on the display is normal.

## GPS Track Map Player Download (Matching)

1. PC version enters website <http://www.sunningsoft.com/en/pcgps.html> Download

Remarks: system requirements: 1 windows 7/8/10 operating system, 64 bits, 32 bits; (windows XP does not support)

2. Mac OS system directly in the mall search: GXplayer download and install. After downloading and installing, the following interface appears when opening the player:



3. Open the software after installation, open the video file that needs to be played, or drag the file directly to the player bar, then display the GPS track after playing.

## Voice Command

Turn\_on\_Wifi  
Take\_picture  
Open\_screen  
Turn\_off\_recording  
Turn\_off\_wifi  
Open\_recording  
Lock\_the\_video  
Turn\_off\_display

## Video Recording Mode:



1. Video mode
2. Video icon
3. WDR
4. GPS Icon
5. G-Sensor
6. .Recording time
7. TF card status
8. Battery status
9. Time
10. Date
11. Recording status
12. .Parking monitor
13. WIFI name
14. Loop recording
15. WIFI password

## Video Setting

### Resolution

Option:4K 30FPS/1440P 30FPS/1080P 60FPS/1080P 30FPS Set the resolution of the video.

### Loop recording

Option: OFF/1Minute/3Minutes

Save the video for the setting time. When the card is full, the oldest video will be automatically overwritten. WDR

### Option: ON/OFF

If WDR is on, the device can work in both brighter and darker areas at night.

### Exposure

Option:-2~+2

To set or reset the exposure level as desired. This will cause the video to become dark or bright.

## G-Sensor

Option: OFF/High/Medium/Low

If the G Sensor is activated, when over limitation braking/ shocking/vibration occurs during recording, the existing recording video file will be automatically entered into locked mode.

## Record Audio

Option: On/Off

Turn On/Off record Audio

Date Stamp

Option: On/Off

Turn On/Off video watermark

## Photo Mode



1. Photo mode
2. Anti-shaking
3. Number of pictures remaining
4. Resolution
5. Quality
6. TF card status
7. Battery status
8. ISO
9. White balance mode
10. EV

## Photo Setting



## **Self timer**

Option: Off/2s/5s

Set the time, after pressing the OK button, the camera will automatically take a picture when the set time is reached

## **Resolution**

Option: 14M/12M/10/8M/5M/3M/VGA Set the resolution of Photo

## **Sequence**

Option: Single/3Sequence

Select the number of consecutive photos taken at one time

## **Quality**

Option: Fine/Normal/economy

The better the quality, the higher the definition, the bigger the video file

## **Sharpness**

Option: Strong/Normal/Soft

The sharper, the higher the clarity, the more noise

## **White Balance**

Option: Auto/Daylight/Cloudy/Tungsten/Fluorescent

Select different white balance modes according to different scenes. When Auto is selected, the camera will automatically switch the white balance mode according to the scene. 20

## **ISO**

Option: Auto/100/200/400

The higher the sensitivity, the higher the brightness, the default is the automatic option Exposure

## **Option: -2-+2**

Adjust image brightness. The higher the value, the higher the brightness  
Anti-Shaking

### **Option: On/Off**

When turned on, the image of the photo is more stable Quick Review Option: Off/2S/5S  
After this function is turned on, when the photo is taken successfully, it will automatically enter the preview photo state

### **Date Stamp**

Option: On/Off  
When this feature is turned on, photos will display a time watermark 21

### **system Settings**

WIFI  
Option: On/Off  
Turn ON/OFF WIFI

### **Date/Time**

Set the Date/Time

### **Auto Power Off**

Option: Off/1min/2min/3min/5min/10min  
When the camera is in standby mode without any operation, the camera will automatically shut down after the set time

### **Language**

Option: English/French/Spain/Russian/German/Chinese/Italian/ Japanese  
Set a different language.

### **Beep Sound**

Option: On/Off  
Turn button sound on/off

### **Screen Saver**

Option: Off/1min/3min/5min/10min  
After setting the screen saver, no operation is performed.  
After the screen saver setting time is reached, the screen will automatically shut down.

### **Parking mode**

Option: Off/Low/Medium/High  
Turn on the parking monitoring function. After your car is turned off, when the car is hit or shaken violently, the camera

will automatically turn on and record automatically for 15 seconds

## **Format**

Option: OK/Cancel

Format the memory card before using the camera

Note: After this operation, the data in the memory card will be cleared

## **Default setting**

Option:Cancel/OK

Factory reset the machine

## **Version**

View version information

## **Product Specification**

Name	Function Explanation
Work Indicator	After power on, the blue indicator lights up and flashes when recording
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Up Button	Select the function button upward in the menu option; In playback state, this button is fastback function; Short press to turn WiFi on / off in standby mode
Down Button	Select the function button from the menu; This button is fast forward in playback state Long press to turn on or off the recording function during the recording process; In the back pull state, short press can switch the screen display, dual screen / front view lens / rearview lens display
TF Card Slot	Memory card slot

### Common Problems and Solutions:

Q: Even though set the screen saver, but the screen will randomly.

A: The power supply might not be stable, please change another car charger to try.

Q: Why dash cam drain car battery?

A: Please check whether the cigarette lighter still is on after you turn off car engine.

Q: The camera keeps starting and off?

A: That could be the parking monitor function being triggered, check the setup menu.

Q: The dash cam will stop automatically while recording.

A: 1. Check whether the memory card is full.

2. Check whether the Micro SD card is high-speed above C10.

3. Check the memory card, there might be too many locked videos that the loop recording won't work right.

4. Check the car charger connection status, if the connection is loose, the power supply is not stable, the camera will automatically turn off.

Q: If the video played on the computer is somehow not



fluent or jammed.

A: 1. Try to play the video with other video players, like Potplayer or VLCplayer.2. Format your Micro SD card in the camera.3. Run speed test on the memory card to make sure the memory card fits the requirement: Write Speed is over 10MB/S.

Q: There is stripes interference in the image. There should be wrong light frequency.

A: According to the local main frequency, make the appropriate settings 50HZ or 60HZ.

Q: Without an external power supply, the camera only lasts a very short time, or it just can't turn on.


A: The built-in battery is very small for safety reasons, not designed to work alone, so please keep it connected to external power supply.

Q: What should I do if the machine screen prompts a card error when I start recording.

A: 1. After formatting the memory card on the computer, then format the memory card in the camera menu.  
2. Maybe your memory card may be damaged, please eplace the memory card

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