



# Z-EDGE T4 Dual Dash Cam 4.0" Touch Screen Front and Rear Dash Cam User Guide

[Home](#) » [Z-EDGE](#) » Z-EDGE T4 Dual Dash Cam 4.0" Touch Screen Front and Rear Dash Cam User Guide 

## Contents

- 1 Z-EDGE T4 Dual Dash Cam 4.0" Touch Screen Front and Rear Dash Cam
- 2 INTRODUCTION
- 3 Features
- 4 What's in the Box
- 5 Product Overview
- 6 GETTING STARTED
- 7 Front Camera Installation
- 8 Rear Camera Installation
- 9 NAVIGATION
- 10 OPERATION
- 11 COMMON FUNCTIONS
- 12 SETTINGS OVERVIEW
- 13 FAQs
- 14 TECHNICAL SPECIFICATIONS
- 15 IMPORTANT SAFETY PRECAUTIONS
- 16 FCC Statement
- 17 WARRANTY
- 18 Documents / Resources
  - 18.1 References
- 19 Related Posts



## **Z-EDGE T4 Dual Dash Cam 4.0" Touch Screen Front and Rear Dash Cam**



### **INTRODUCTION**

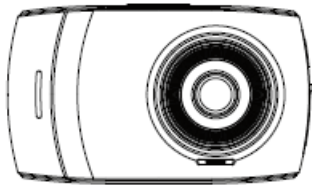
Thank you for purchasing the T4 High Definition Car DVR / dash cam by Z-Edge®. Featuring a 4-inch touchscreen display and dual lenses for simultaneous recording, front, and back. Please read this manual carefully before using this product. We hope you enjoy using this product.

### **Features**

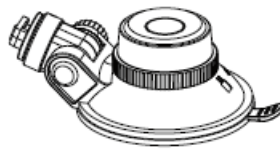
- Full HD 1920 x 1080P Dual Recording
- 4.0" TFT LCD Color touchscreen
- Up to 155-degree wide angle lens
- Dual lenses for simultaneous front and rear recording
- Built-in G-Sensor
- Motion Detection
- Parking Mode
- Audio Recording

## What's in the Box

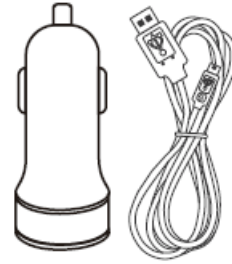
T4 Dash Camera



Car Mount



Car Charger with USB Cable



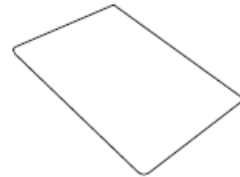
Rear Camera with 26-foot USB Cable



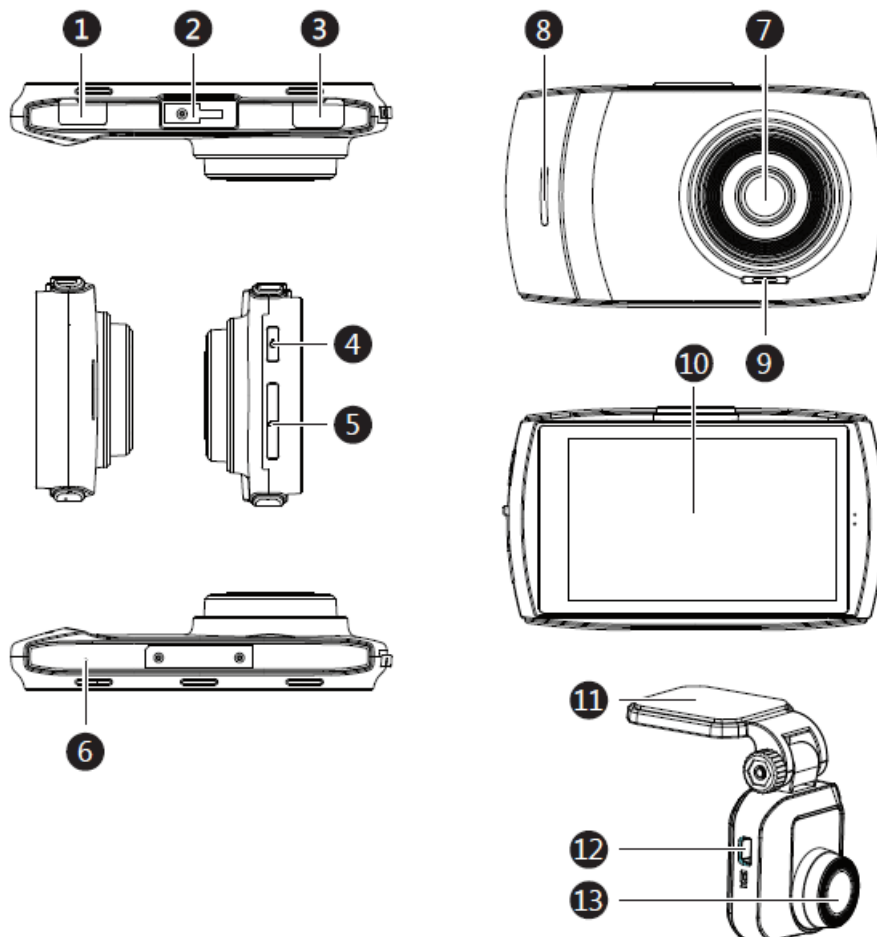
User Guide



Warranty Card



## Product Overview

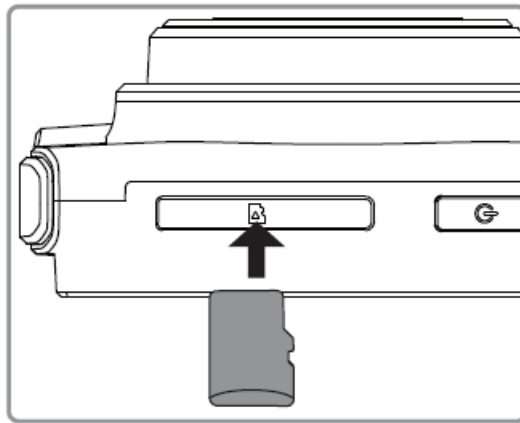


1. Micro USB Connector (Charging)
2. Car Mount Slot
3. Mini USB Connector (Rear Camera)
4. Power Button
5. TF/Micro SD Card Slot

6. Microphone
7. Front Camera
8. Indicator Light
9. Speaker
10. Display Screen
11. Adhesive Mount
12. Mini USB Connector
13. Rear Camera

## GETTING STARTED

### Inserting the TF/Micro SD card



- Insert a TF/Micro SD card into the TF/Micro SD Card Slot (5), with the pins facing towards the back of the device, until it clicks into place.
- To remove, push the edge of the TF/Micro SD card inward until you feel it click, then allow it to push out until you can remove it from the slot.

### WARNING:

- It is recommended to format the memory card in the dash cam directly in Menu>General Setting>Format SD card before initial use.
- Please note that all data saved on the TF/Micro SD card will be erased after formatting.
- Do not remove or insert the TF/Micro SD card whilst the device is powered on – this may damage the TF/Micro SD card.
- Supports up to 256GB (Class 10 or above).

### Front Camera Installation

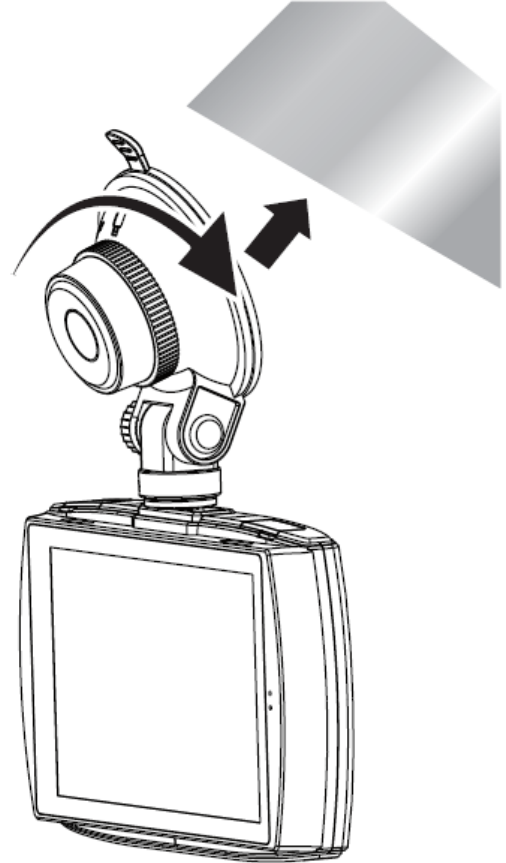
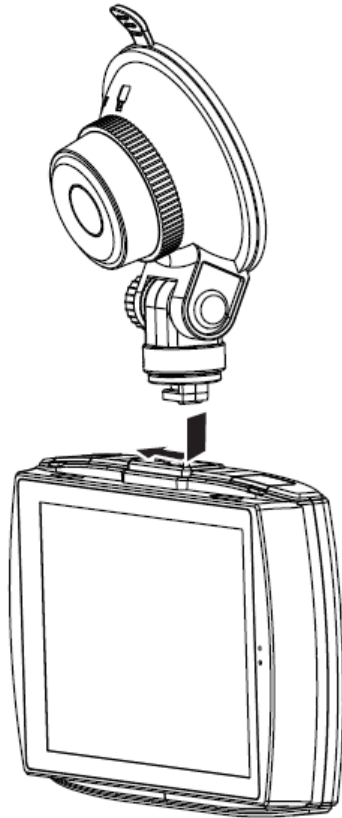
1. Slide the car mount into the slot on top of the device until a click sound is heard.
2. Turn the camera on (see 2.4 & 2.5 for more details). Whilst looking at the display screen find a suitable location for installing your dash cam on your front windshield. Please note:
  - This position should neither distract the driver nor block the driver's view whilst driving. We recommend locating it towards the top of the windshield, behind the rear-view mirror and positioned slightly closer to

the driver's side. Find a position that provides an unrestricted and full viewing angle for the camera.

- This position should be clean so that the suction cup mount can attach to the surface firmly. If not, please clean the surface using water if necessary and wait until dry.
- This position should be close to the cigarette lighter (power) in the car to ensure charging whilst recording.

3. Find a suitable location on your windshield.

4. Press the suction cup firmly against your windshield, and rotate the lever clockwise (12 o'clock) to secure.



5. For a more organized car environment, the mini USB cable can be routed as indicated by the dashed line in the diagram (See 2.4).

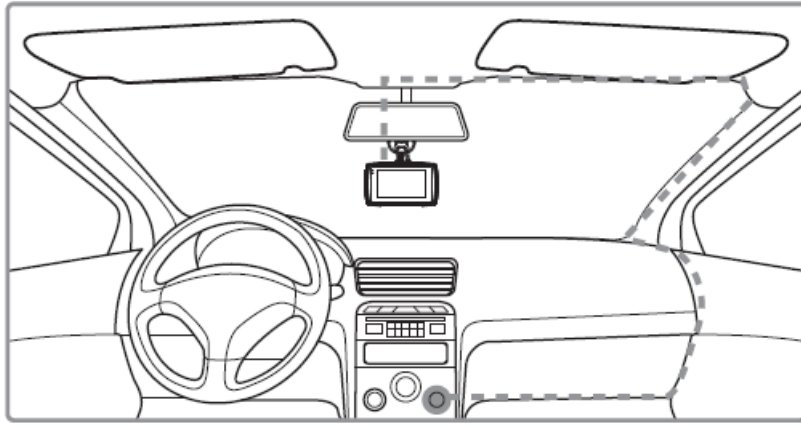
#### **WARNING:**

- Do not install the device on a tinted window – doing so may damage the tint film.
- Ensure the dash camera is orientated correctly before installing.

#### **Adjust Device Position**

1. Loosen the nut to swivel the device vertically. Click into place and secure by tightening the nut.
2. Swivel the device horizontally for a clear view.

#### **Connecting to Power**



1. Plug one end of the Micro USB charging cable into the Micro USB Connector (1) on the dash camera.
2. Plug the other end into the car charger, and insert that into your vehicles lighter socket.

**WARNING:**

- Use only the supplied car charger to power the dash cam and charge the built-in battery.
- Some car models supply power from the cigarette lighter even when the vehicle's engine is switched off. We recommend you always unplug the USB charger manually before leaving the vehicle to avoid any unwanted car battery drainage.
- If the environment reaches 115-degrees Fahrenheit or above, the car charger may stop charging the dash cam battery. This is characteristic of a Lithium Polymer battery and is not a malfunction.

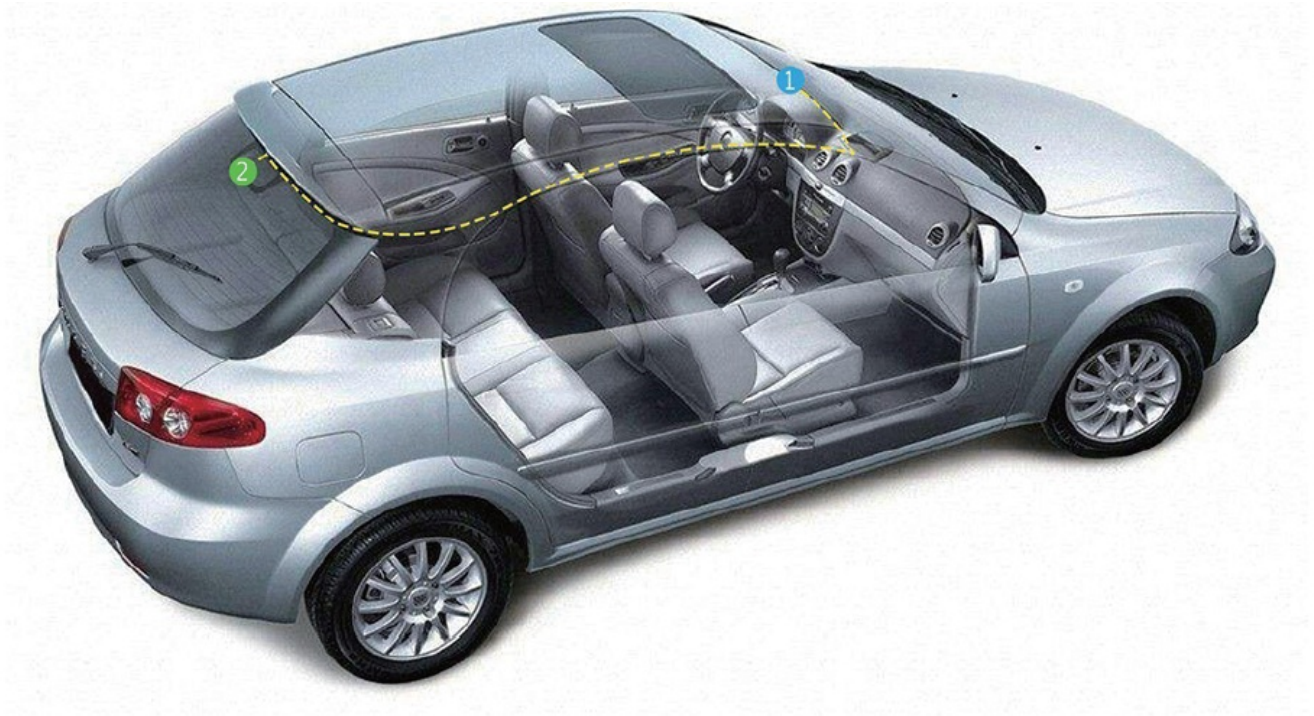
**Powering the Dash Camera**  
**Automatic Power**

- Once the vehicle's engine is switched on, the dash cam will automatically power on.
- When the vehicle's engine is switched off, the dash cam will automatically save the recording and power off within 10 seconds.

**Manual Power**

- To manually turn power on, press and hold the Power Button (4) for up to 3 seconds.
- To manually turn the power off, press and hold the Power Button (4) for 3 seconds.

## Rear Camera Installation

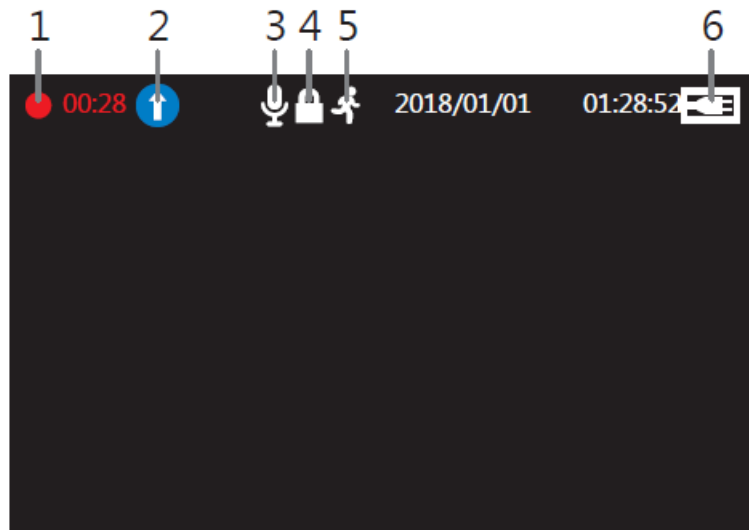


1. Connect one end of the Mini USB cable into the Mini USB Connector (3) on the dash camera. Connect the other end into the Mini USB Connector (12) on the rear camera.
2. Turn the camera on. The rear-lens view will automatically appear on the display screen (10) in Dual (PiP) format.  
TIP: To view full-screen, tap the Home Screen to reveal the Shortcuts menu, then tap the View icon (H) on the right-hand side and select Rear Only.
3. Whilst looking at the display screen and without removing the adhesive backing, find a suitable location for installing your rear-lens camera on your rear windshield.
4. Having found a suitable location on your rear windshield, peel off the protective plastic backing from the adhesive mount (11). Press firmly against your rear windshield to secure.
5. For a more organized car environment, the micro USB cable can be routed as indicated by the dashed line in the diagram.

## NAVIGATION

### Home Screen

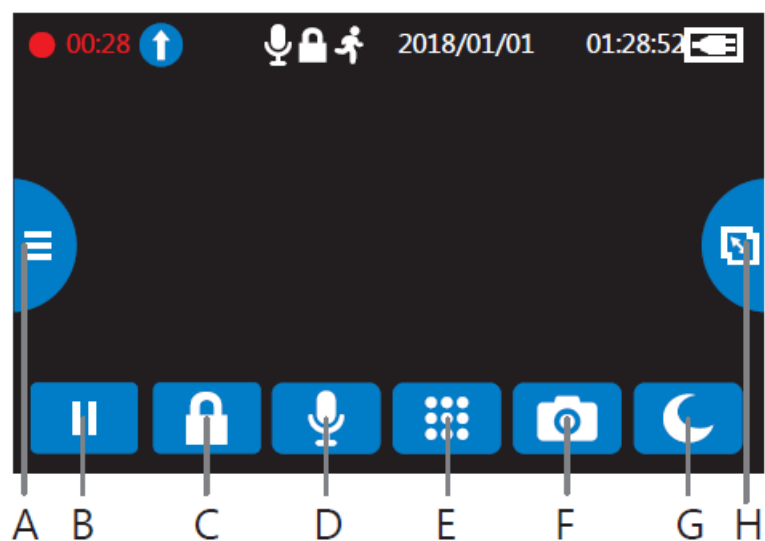
The Home Screen is the default screen after powering on the dash camera, for recording video and capturing snapshots.



No.	Item	Description
1	Recording	A flashing red dot indicates the camcorder is currently recording.
2	Mode	Indicates current Mode (e.g. Drive, Scenic, Park or WDR).
3	Audio Recording	Indicates if the microphone is On or Off.
4	Emergency Video Protection	A lock icon indicates the current recording file is protected.
5	Motion Detection	Indicates if motion detection is enabled.
6	Battery	Indicates the estimated remaining battery power / if the device is being charged.

### Shortcuts

Tap anywhere on the Home Screen whilst recording or in standby mode to reveal the Shortcuts. Select one of the following options:

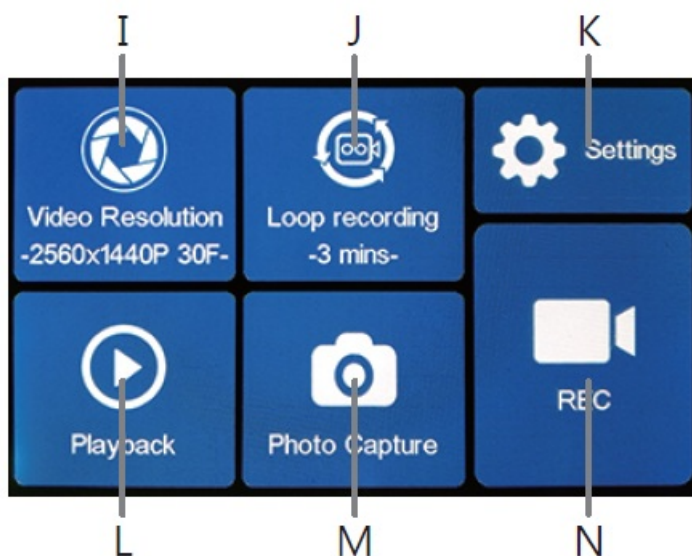




No.	Item	Description
A	Mode	Switch between Drive, Scenic , Park and WDR modes (see 4.3 for more details).
B	Play/Pause	Play or pause video recording.
C	Video Protect	Protect the currently recorded video file from being overwritten (see 4.7 for more details).
D	Microphone On/Off	Switch audio recording on/off.
E	Main Menu	Go to Main Menu.
F	Snapshot	Instantly take a snapshot whilst recording or in standby mode.
G	Display Off	Turn display screen off.
H	View	Switch between Front Only, Rear Only and Dual (PiP) camera views with rear camera connected.

### Main Menu

Tap anywhere on the Home Screen to reveal the Shortcuts. Tap on the Main Menu icon (E) to view the Main Menu. Select one of the following options:



No.	Item	Description
I	Video Resolution	<p>Front camera and rear camera connected: 1920x1080P 30FPS +1920x1080P 30FPS</p> <p>Front camera only: 2560x1440P 30FPS 2304x1296P 30FPS 1920x1080P 60FPS 1920x1080P 30FPS 1280x720P 60FPS 1280x720P 30FPS</p>

No.	Item	Description
J	Loop Recording	Switch between 1, 3 or 5-mins recording intervals (see 4.5 for more details).
K	Settings	View the full list of settings that can be customized.
L	Playback	Playback 'Normal' and 'Emergency' video recordings.
M	Photo Capture	Preview saved photos.
N	REC	Exit Main Menu to Home Screen (starts recording).

## Setup



From the Main Menu screen, tap on Settings (K) to go to the full list of settings that can be customized.

- Tap on a feature to customize it.
- Tap icon for previous page.
- Tap icon for next page or screen.
- Tap the ' ' icon to exit and return to home screen.
- Please find below the full list of Default Settings for this camcorder

Default Settings			
Item	Setting	Item	Setting
Resolution	1920x1080P 30FPS	Loop Recording	3 mins
Audio Recording	ON	Date Stamp	ON
G-Sensor	Normal	Key Tone	ON
Choose language	English	Frequency	60 Hz
LCD Off	Off		

## OPERATION

### Set Date & Time

Before using this device, we recommend you set the correct date and time:

1. Tap anywhere on the Home Screen to reveal the Shortcuts.
2. Tap on the Main Menu icon (E), and select Settings (K) from the menu.
3. Search and tap on the Date & Time option to customize.
4. Select a field to customize, then tap above or below it (on the arrows) to increase or decrease the number.
5. With all fields correct, tap the OK icon to save and exit the menu.

#### **WARNING:**

Date & Time settings may automatically reset itself if the battery is allowed to completely drain.

#### **Recording Videos**

With a TF/Micro SD card inserted and the device connected to power, when the car engine is switched on the dash cam will automatically power on and start recording. When the vehicle engine is switched off, the dash cam will automatically save the recording and power off after the time set in Device Auto Off setting. Alternatively, tap the Play/Pause icon (B) in the Shortcuts menu to stop/start video recording manually.

#### **Mode**

Instantly optimize the dash camera by selecting one of four video recording modes. Selecting a mode automatically optimizes four features with preset values designed to best suit your environment, saving you time having to customize each individually. To change modes, tap anywhere on the Home Screen to reveal the Shortcuts. Select the Mode icon (A) on the left-hand side. From here, switch between:

	DRIVE	SCENIC	PARK	WDR
<b>Best for ...</b>	Everyday Driving	Scenic Driving	Monitoring a Parked Vehicle	WDR Driving
<b>Overview</b>	Optimizes recording settings for regular use	Records longer video clips for easier post processing	Increases G-Sensor sensitivity and optimizes battery efficiency	Optimizes low light image quality and minimizes screen glare

G-Sensor	Normal	Low	High	–
Loop Recording	3 mins	5 mins	1 min	–
Parking Mode	On	On	On	–
Screen Auto Off	1 min	Off	1 min	–

#### **Note:**

- After selecting a mode, you can still customize any of the four settings inside the Main Menu or Setup menus.
- Each and every time a new mode is selected, all four settings will change to their preset values, overwriting any customizations you may have made.

#### **Adjusting the Settings**

If you'd prefer to customize each dash cam setting yourself, you can do so in the Settings menu:

1. Tap anywhere on the Home Screen to reveal the Shortcuts.

2. Tap on the Main Menu icon (E), and select Settings (K) from the menu.

- Scroll the menus by tapping the ‘ ‘ icons.
- Tap on a feature to enter and customize it.
- Make a selection to automatically save and return to the Settings menu.
- From the Settings menu tap ‘ ‘ icon to return to the Main Menu.
- Tap ‘ ‘ icon to exit and return to the Home Screen.

### **Loop Recording**

Videos are recorded and saved to the TF/Micro SD card at set intervals. Once the TF/Micro SD card is full, Loop Recording automatically overwrites the earliest unprotected saved file. This prevents long-duration video clips from being lost in a single overwrite. Video files can be saved to the TF/Micro SD card in 1, 3 or 5 min intervals: Main Menu > Loop Recording

### **G-Sensor**

The built-in G-Sensor monitors and detects unusual impacts or vibrations. It automatically triggers the Emergency Video Protection and Parking Mode features. Set the sensitivity to automatically trigger these features with smaller or larger vibrations (feature can also be turned Off): Main Menu > Settings > G-Sensor

### **Emergency Video Protection**

If G-Sensor is enabled and senses an unusual impact or collision the dash cam will automatically protect the currently recorded video file from being overwritten. A lock icon appears top left to signify the current recording is protected. To manually protect a video file during a recording, tap anywhere on the Home Screen to reveal the Shortcuts and select the Video Protect icon (C).

### **Parking Mode**

Enable Parking Mode for the dash cam to continue monitoring your vehicle for unusual impact or collision when the engine is turned off and parked. If a vibration is detected, the device will automatically turn on and begin recording. Approximately 30 seconds after the motion or vibration is finished, the device will automatically return to monitoring mode. All recordings are automatically protected from being overwritten. Enable/disable feature: Main Menu > Settings > Parking Mode

### **Note:**

- In Parking Mode the device is powered by the internal rechargeable battery.
- Parking Mode is not recommended for long-term parking situations due to the devices limited battery life.
- When your vehicle is parked facing forward, turn the dash camera around so the lens is facing the rear window of the vehicle for optimal monitoring.

### **Taking a Snapshot**

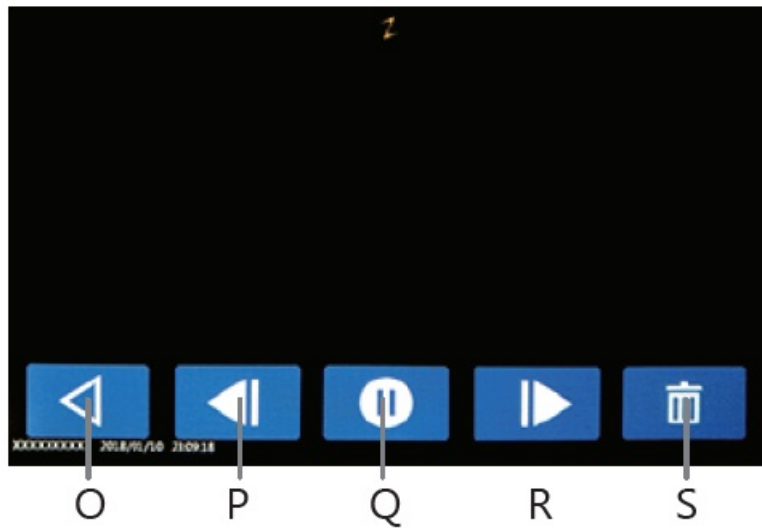
Tap anywhere on the Home Screen whilst recording or in standby mode to reveal the Shortcuts, and tap the Snapshot icon (F) to take an instant photo.

### **WDR**

Wide dynamic range (WDR) technology compensates for extreme light and dark spots, balancing exposure to produce a clear image. This feature is particularly useful for night driving where an image can include both dark spots and extreme light spots produced by street lamps or headlights. Enable/disable feature: Mode>WDR

## **COMMON FUNCTIONS**

### **Playback Videos**



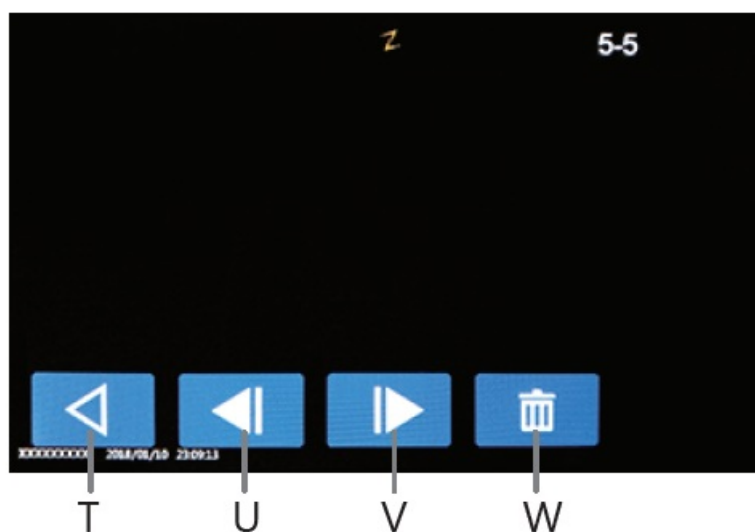
1. Tap anywhere on the Home Screen to reveal the Shortcuts.
2. Tap on the Main Menu icon (E), and select Playback from the menu.
3. Select either 'Normal' or 'Emergency' to preview relevant video files.
4. Tap on a video clip to start previewing it.

No.	Item	Description
O	Back	Return to browse other videos.
P	Previous	Playback previous video.
Q	Play/Pause	Play or pause the current video.
R	Next	Playback next video.
S	Delete	Delete current file.

**WARNING:**

Deleted files cannot be recovered. Please ensure you backup important files before deleting them.

**Preview Snapshots**



1. Tap anywhere on the Home Screen to reveal the Shortcuts.
2. Tap on the Main Menu icon (E), and select Photos from the menu.

3. Tap on a snapshot to preview it.

No.	Item	Description
T	Back	Return to browse other snapshots.
U	Previous	Tap to view previous saved snapshot.
V	Next	Tap to view next saved snapshot.
W	Delete	Delete current file.

## Managing Video & Photo Files

### Connecting to a computer

Connect the device to a computer using the micro USB cable. The dash cam will automatically power on and a USB icon will be displayed on the display screen. The contents of the TF/Micro SD card will appear as a regular disk drive on your computer as if it were a USB flash drive. Browse as normal to view, play, copy and delete saved files. Recorded videos and photo files are classified and grouped into different folders:

- CARDV>EMERGENCY: Emergency videos automatically protected by Collision detection, Parking mode or manually.
- CARDV>VIDEO: Normal videos.
- CARDV>PHOTO: Saved snapshots.

Recorded video and photo files are saved using the following naming rules:

- Date + time + index
- Note:

Compatible with Windows (XP and later) and Mac (OSX and later).

### Reset

In the event of a software crash you can reset the dash camera. To reset the dash camera press and hold the power button (4) for 7 seconds.

### WARNING:

Press reset button only when the device crashes. Under normal circumstances, please do not reset.

## SETTINGS OVERVIEW

Menu	Feature	Description	Available option
Main Menu	Video Resolution	Set the resolution of the videos to be recorded.	Front camera and rear camera connected: 1920x1080P 30FPS + 1920x1080P 30FPS Front camera only: 2560x1440P 30FPS 2304x1296P 30FPS 1920x1080P 60FPS 1920x1080P 30FPS 1280x720P 60FPS 1280x720P 30FPS
	Loop Recording	Set the duration of each video file (see 4.5).	1 min / 3 mins / 5 mins
Settings	Date/Time	Set the date/time (see 4.1).	DD / MM / YYYY HH : MM
	Parking Mode	Enable/disable to protect your vehicle from hit-and-run incidents when the engine is off (see 4.8).	On / Off
	Frequency	Set the display frequency of the video recording.	50Hz / 60Hz
	Date Stamp	Add/remove a date and time stamp, visible on saved video recordings and photos.	On / Off
	Device Auto Off	Select time delay for dash camera to automatically turn off after loss of external power.	Off / 1 min / 3 mins / 5 mins
	Driver ID	Enable/disable a Driver ID stamp, visible on saved video recordings and photos.	On / Off

Menu	Feature	Description	Available option
Settings	Exposure	Set the exposure levels.	-2.0 to +2.0
	Format SD Card	Format the TF/Micro SD card. Warning: ALL content on the TF/Micro SD card will be deleted and CANNOT be restored or recovered.	OK / Cancel
	G-Sensor	Adjust the sensitivity of the G-Sensor (see 4.6).	Off / High / Normal / Low
	Key Tone	Enable/disable the sound effect when tapping screen.	On / Off
	Choose language	Preset the language of the user interface.	English / French / German / Dutch / Portugese / Polish
	Logo Stamp	Add/remove logo watermark, visible on saved video recordings and photos.	On / Off
	Startup Chime	Enable/disable the power on/off sound effect.	On / Off
	Screen Auto Off	Select time taken for display screen to automatically turn off during operation.	Off / 1 min / 3 mins / 5 mins
	Motion Detection	Enable/disable motion detection function .	On / Off
	Theme	Select a light or dark menu color theme.	Light / Dark
	Default	Reset all options to the factory default settings.	OK / Cancel
	Version	Firmware version.	

## FAQs

### 1. Where should I place the Camcorder?

We recommend that you mount the dash camera as close to the center of the windshield as possible. This should neither distract the driver nor block the drivers view (see 2.2).

### 2. Why does the dash cam stop recording after some time?

Your micro SD card may be full and need to be formatted before using again. 1080P HD videos are big in size and G-sensor locked videos cannot be erased automatically. We recommend formatting your TF/Micro SD card every 14 days.

#### Why do you recommend Class 10 micro SD card or above?

1080P HD video has a bigger data flow and hence requires a micro SD card with faster writing speed. If TF/Micro SD cards below Class 10 are used, they may cause the dash cam to freeze or another related video recording/erasing issues.

#### How do I turn off the screen/audio during recording?

To turn off the screen, tap the screen to reveal the Shortcuts and select the Display Off icon (G). To turn off audio recording, tap the screen to reveal the Shortcuts and select the Audio Recording icon (D).

#### How long will my battery last after a full charge?

The dashcam battery usually takes 2-3 hours to fully charge. This can happen simultaneously whilst the dash cam is plugged into your car and recording. The battery can last 5-10 mins on a full charge depending on the



model and environmental temperature.

### How do I record videos?

All dash cams are programmed to automatically record when there is power connected and a TF/Micro SD card inserted. When the engine is turned off, or power is disconnected, the dash cam will stop recording approximately after 10 secs.

## TECHNICAL SPECIFICATIONS

Item	Description
Image Sensor	CMOS sensor
Effective Pixels	2560x1440P (Front camera only)
Storage Media	Supports up to 256GB Class 10 or above
LED Display	4.0" TFT LCD Touch Panel
Lens	Viewing angle 155°, F2.0 ;
Focus Range	1.5m~Infinity
Movie Clip	WQHD 1440P (2560 x 1440); FHD 1080P (1920 x 1080); HD (1280 x 720)
	MP4
Still Image (Snapshot)	2-Megapixel
	JPEG
G-Sensor	Yes
Microphone	Yes
Speaker	Yes
Battery	Built-in Li-polymer rechargeable (NOT replaceable)
Operating Temperature	14° ~ 140°F
Storage Temperature	-4° ~ 158° F
Dimensions	121 x 72 x 31mm
Weight	Approx. 175g (6.17oz)
Car Charger	INPUT: DC 12-24V, OUTPUT: DC 5V 2.4A

### Note:

The design and specifications of this product could be amended at any time without prior notifications. There might be some differences between the product and the description in this manual.

## IMPORTANT SAFETY PRECAUTIONS

The content in this document is for information purpose and is subject to change without prior notice. We made every effort to ensure that this User Guide is accurate and complete. However, no liability is assumed for any

errors and omissions that may have occurred. The manufacturer reserves the right to change the technical specifications without prior notice.

## **Notes on Installation**

1. Install the device near the rear-view mirror to obtain the best open-field view. Do NOT install the Dash Cam in a location that will obstruct your required driving view.
2. Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
3. 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.
4. Do not install the device on a tinted window. Doing so may damage the tint film.
5. Make sure that the installation position is not hindered by the tinted window.

## **Caution**

- Use the authorized charger only.
- Never disassemble or attempt repair of this product. Doing so may damage the Dash Cam, cause electric shock and void your product warranty.
- Never short-circuit the battery.
- Exposing the Dash Cam to open flames can cause an explosion.
- Due to local laws and vehicles safety considerations, do not manually operate the device while driving.
- Z-Edge is NOT responsible for the loss of any data/content during operation.
- Before mounting, please check with the local DMV for the traffic laws of the location/method to mount appropriately.
- Audio recorded with the video may not be valid jurisdictional evidence, and it may be illegal to present such audio to the jury in some states. For some vehicles, DC power socket will keep the supply of power after the engine is turned off. To avoid car battery drain, please manually unplug the Dash Cam when the engine is turned off.

## **IMPORTANT:**

Before you start using the Car Camcorder it is assumed that you agree to the above statements.

## **FCC Statement**

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.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions:  
This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment.


**CUSTOMER SUPPORT**

- For customer support inquiries please contact: [support@zeroedgetechnology.com](mailto:support@zeroedgetechnology.com) Or visit our website: [www.zeroedgetechnology.com](http://www.zeroedgetechnology.com)

**WARRANTY**

We provide a 30-day money-back guarantee and an 18-month replacement warranty for our products, except for certain products with specified different warranty policies.

**Documents / Resources**

	<a href="#">Z-EDGE T4 Dual Dash Cam 4.0" Touch Screen Front and Rear Dash Cam</a> [pdf] User Guide T4, Dual Dash Cam 4.0 Touch Screen Front and Rear Dash Cam
--	--

**References**

-  [Z-Edge Official Store - Gaming Monitor Your Best Choice](#)