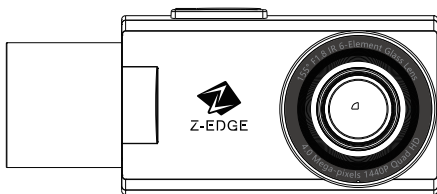




Z-EDGE



Z3Pro

USER GUIDE
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1 Introduction

Welcome to the Z3Pro car dash cam. Protect you and your vehicle with real-time video and audio recording whilst you're driving. Featuring a stealth size design and dual-lens for recording front and back. Please read this manual carefully before using this product.

1.1 Features

- Front Camera: 2560x1440P
- Rear Camera: 1920x1080P
- 2.0" IPS LCD Color Screen
- Photo Resolution: 4.0 + 2.0 Megapixel
- Built-in G-Sensor
- Front Camera: 155-Degree
- Rear Camera: 155-Degree
- WiFi Connection
- Audio Recording
- Night Vision

1.2 What's in the Box



Z3Pro Dash Cam



Suction Cup Mount



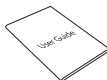
Car Charger
& Charging Cable



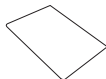
Micro USB Cable



Hand Tool
& Cable Clips

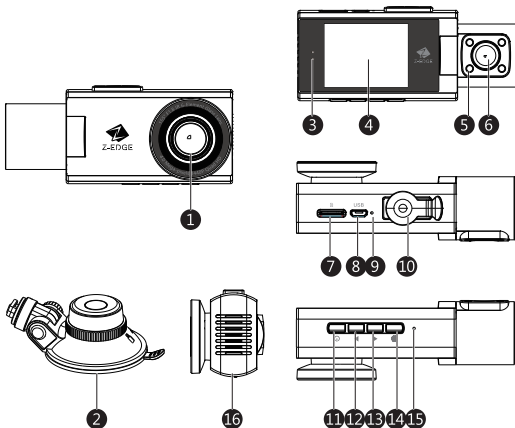


User Manual



Thank You Card

1.3 Product Overview

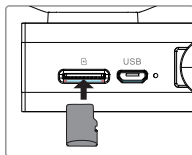


- | | |
|------------------------|-----------------------|
| 1 Front Lens | 10 Suction Mount Slot |
| 2 Suction Cup Mount | 11 Power/Menu Button |
| 3 LED Indicator | 12 Left-Arrow Button |
| 4 LCD Display | 13 Right-Arrow Button |
| 5 IR LEDs | 14 OK Button |
| 6 Rear Lens | 15 Reset Button |
| 7 TF/MicroSD Card Slot | 16 Speaker |
| 8 Micro USB Port | |
| 9 Mic | |

2 Getting Started

2.1 Inserting the Memory Card

Insert the memory card, with the pins facing towards the display, until it clicks into place.



Remove Memory Card

Push the edge of the memory 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 before initial use. Please note that **all** data saved on the memory card **will** be erased after formatting.

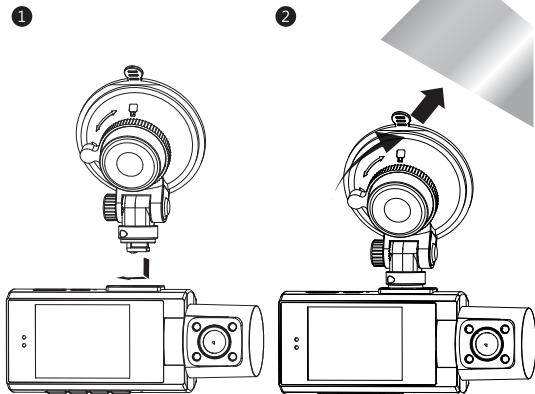
Note:

- Supports Micro SDXC cards up to 256GB. (Class 10 or above)
- Do not remove or insert memory card whilst the device is powered on - this may damage the memory card.

2.2 Installation

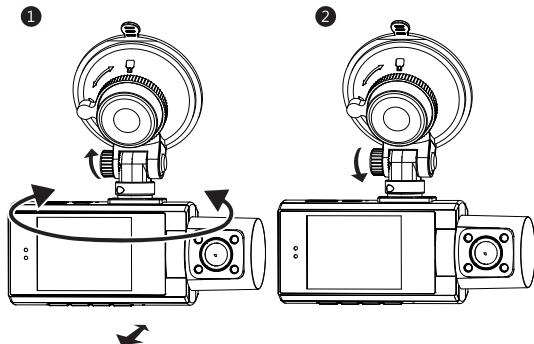
Please follow the below instructions for mounting your dash cam to your vehicles windshield:

1. Slide the car mount into the slot on top of the device until a click sound is heard.
2. Press the suction-cup firmly against your windshield, and rotate the lever clockwise (12 o'clock) to secure.



2.3 Adjust Device Position

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



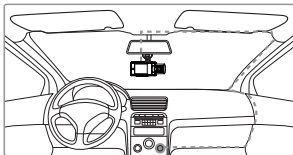
WARNING:

Do not install the device on a tinted windshield.
This may damage the tint film.

2.4 Connecting to Power

Use only the supplied car charger to power the dash cam .

1. Plug the Micro USB port of the USB charging cable into the car dash cam Micro USB Port (8).
2. Plug the other end into the car charger, and insert it into your vehicles lighter socket.



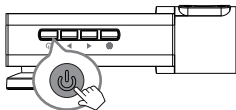
2.5 Powering the Dash Cam

Automatic Power

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

Manual Power

- To manually turn the power on, press and hold the Power Button (11) for 3 seconds.
- To manually turn the power off, press and hold the Power Button (11) for 3 seconds.



2.6 Set Date & Time

The first time you turn the camera on, the boot guide will appear. Please set the language, time zone, date and time.

You can also set it in the settings menu:

Menu > Language

Menu > Date/Time

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

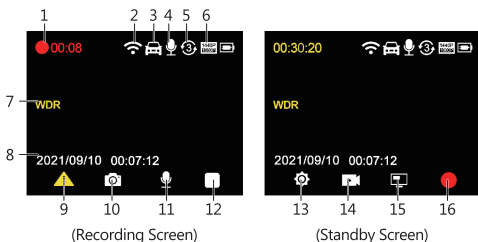
- Press the Menu Button(11) to enter the Settings menu.
- Press the Right-Arrow Buttons(13) to select Data/Time setup and press OK Button(14) to confirm. Follow the icons displayed on the screen and press the corresponding button to adjust the date and time settings.
- With all fields correct, press the OK Button(14) to save and exit the menu.

3 Using the Car Dash Cam

3.1 Recording Videos

With an 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.

3.2 Recording Screen & Standby Screen



No.	Item	Description
1	Recording	Flashing red light indicates device is recording with time showing current duration of recording.
2	WIFI	Indicates if WiFi function is activated.
3	Parking Mode	Indicates if Parking Mode is activated.
4	Audio Recording	Indicates if audio recording is activated.
5	Loop Recording	Indicates loop recordings length 1, 3 or 5 minutes.
6	Resolution	Indicates current resolution settings.
7	WDR	Indicates if WDR is activated.
8	Data&Time Stamp	Indicates date and time.
9	Video Protection	Indicates if video protection is activated. Press Power Button to activate when recording.

No.	Item	Description
10	Camera	Press Left-arrow Button to take a snapshot.
11	Microphone	Press Right-arrow Button to enable/disable audio recording.
12	Stop Recording	Press OK Button to stop recording.
13	Setting Menu	Press the menu button to enter the setting menu.
14	Playback	Press Left-arrow Button to playback videos/photos.
15	Display Switch	Press Right-arrow button to change display view on the screen.
16	Start Recording	Press OK Button to start recording.

3.3 Adjusting the Settings

Customize the video recording, photo and other general settings via the on screen display (OSD) menus:

- If the camera is in screensaver status, press any button to wake up the device.
- If the device is recording, press the OK Button(14) to stop recording and enter the setting menu.
- Press the Left-arrow and Right-arrow Buttons(12 & 13) to select a menu option.
- Press the OK Button(14) to select the desired setting.

3.4 Loop Recording

Videos are recorded and saved to the memory card in set intervals. Once the memory 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 memory card in 1, 3 or 5 mins intervals: **Menu > Loop Clip Time**

3.5 Emergency Video Protection

If G-Sensor is activated and senses an unusual impact or collision the dash cam will automatically protect the currently recorded video file from being overwritten. An icon  appears to indicate the current recording is protected. To manually protect a video file during recording, press the Power Button(11) once.

3.6 Motion Detection

With Motion Detection enabled, video recording is automatically started when movement is detected by the camera lens. After approximately 5 minutes with no movement detected, video recording is automatically paused and screen stays in black without flashing LED indicator. If the camera did not detect any motion in 3 hours, it will turn off automatically.

Enable/disable feature: **Menu > Car Monitoring > Motion Detection**



WARNING:

Motion Detection requires the dash cam to be powered. For using this feature whilst the vehicle is parked and the engine is off, you may need to hardwire the dash cam to your vehicle. Please seek assistance from a trained mechanic before attempting this installation.(NOTE: Hardwire is NOT included in the packing list.)

3.7 Parking Mode

With Parking Mode and G-Sensor enabled, if vibration is detected, the camera will automatically turn on and start recording. If no more motion or vibration is detected within 60 seconds, the camera will automatically return to standby mode(in black screen). All recordings are automatically protected from being overwritten.

Enable/disable feature: **Menu > Car Monitoring > Parking Mode**

Please Note:

When the folder of protected videos (30% SD card capacity) is full, the protected files will be overwritten with newly recorded protected files.

3.8 Vibration Detection (G-Sensor)

The camera features sense for unusual impacts or collisions detected by the built-in G-Sensor. It automatically triggers the Emergency Video Protection with enabled G-Sensor.

To Set the sensitivity to automatically trigger these features with slight or strong vibrations (feature can also be turned Off): **Menu > G-Sensor**

3.9 Taking a Snapshot

Press Left-arrow Button(12) once to take a snapshot while recording.

3.10 Playback Videos & Photos

- In standby mode, press the Left-arrow Button(13) to enter Playback folder.
- Press the Left-arrow & Right-arrow Buttons(12 & 13) to select between Normal Video, Emergency File, and Photo. Press the OK Button(14) to confirm.
- Press the Left-arrow & Right-arrow Buttons(12 & 13) to select the previous or next file.
- Press the Power Button(11) to return to the previous menu.
- Press the Power Button(11) to exit.

3.11 Managing Video & Photo Files

Navigate to the file you wish to manage.(See 3.10)

- Press the Left-arrow & Right-arrow buttons(12 & 13) to select the previous or next file.
- Press the OK Button(14) to select the file.
- Press the Left-arrow Button(12) to delete the file.
- Press the Left-arrow & Right-arrow Buttons(12 & 13) to select either Yes or No.
- Video only: Press the OK Button(14) to Play/Pause a video file.



WARNING:

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

3.12 Night Vision

For better recording with the rear facing camera you can turn on the IR LEDs at night.

The Night Vision has three settings to choose from: Off, On or Auto.

To set the Night Vision: **Menu > Infrared Light**

Please Note:

If IR lights on, the video footage of the cabin will turn into black and white.

3.13 Enable WiFi

With the WiFi feature enabled, the Android/iOS app can be used on your supported devices to view and save recorded videos and photos.

Enable/disable feature: **Menu > WiFi**

4 WiFi Setup and Android/iOS App

4.1 WIFI Setup

1. Search for the “Z-DashCam” app on the Google Play Store (Android device) / Apple App Store (iOS device). Then download and install on your smartphone or tablet device.

2. Check if the WiFi feature is enabled on the Z3Pro WiFi dash camera. (See 3.13).

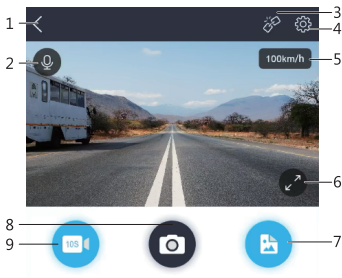


3. Open the WLAN settings on your smart device and select the Z3Pro dash camera. This name is Z3PRO. Make sure it is connected.
If WiFi password is required, please enter password: 12345678

4. Open the “Z-DashCam” app on your smart device.

5. In the App, click Connect DVR, then it will turn to recording screen.

4.2 App Overview



NO.	Item	Description
1	Back Arrow	Return to the main screen
2	Microphone	Enable/disable audio recording
3	Connection	Disconnect the app from the dash camera.
4	Settings	Open the setting menu and adjust settings for the dash camera.
5	Speed	Switch between mph & km/h
6	Display view of recording	Tap to view between full and half screen
7	File Manager	View/Play/Download/Delete the saved videos and images
8	Camera	Take a snapshot
9	Recording Icon	Record a 10 second video clip

Note:

Some features may not available on Z3Pro. If you have questions please contact Z-EDGE customer support via Email.

5 Menu Overview

Menu	Feature	Description	Option
Settings	App Download	Use a QR Code scanner to scan it and download Z-DashCam App	QR Code
	Scenario Mode	Set driving mode	Default/Drive/Scenic/Park
	Resolution	Set the recording resolution	Front+Rear: 2560x1440P 25fps + 1920x1080P 25fps 1920x1080P 30 fps + 1920x1080P 30 fps Only Front: 2560x1440P 30fps 1920x1080P 60fps 1920x1080P 30fps
	Loop Clip Time	Set the duration of each video file (see 3.4)	1 min/3 mins/5 mins
	Display	Set display view	Front, Rear, PIP Front full screen, PIP Rear full screen
	Date/Time	Set date and time	Date and Time
	Sound Recording	Enable/disable audio recording	On/Off
	Power On Tone	Set power on sound	On/Off
	Driving Alert	Set the fatigue Alarm notification	Off/1hr/2hrs/4hrs

Menu	Feature	Description	Option
Settings	Car Monitoring	Enable/disable Motion Detection and Parking Mode (see 3.6&3.7)	Off/Parking Mode/ Motion Detection
	G-Sensor	Adjust the sensitivity of G-Sensor (see 3.8).	Off/High/Medium/ Low
	Watermark	Enable/disable Date/Time, Logo stamp	On/Off
	WDR	Enable/Disable Wide Dynamic Range	On/Off
	Exposure	Set the Exposure of the recordings	0, 0.3, 0.7, 1, 1.3, 1.7, 2, -0.3, -0.7, -1, -1.3, -1.7, -2
	Frequency	Set Frequency	50Hz/60Hz
	Key Tone	Set button tone	On/Off
	Screen Saver	Set Screen Saver time	1 min/3 mins/5 mins/ Always on
	Language	Set Language	English/German
	WiFi	Enable/disable WiFi	On/Off
	Infrared Light	Set Infrared LED	On/Off/Auto
	Device auto Off	Set turn off time after parking.	Off/1/3/5 mins
	Delete Videos Reminder	Remind to delete videos to free up more capacities.	On/Off
	Format SD Card	Format SD Card, delete all files	Yes/No
	Defaults	Reset the camera to factory defaults	Yes/No
	About	Firmware Version, SN, WiFi Name, WiFi Password	

6 FAQs

Where should I place the dash cam?

- We recommend that you mount the car dash cam as close to the center of the windshield as possible. This should neither distract the driver nor block the drivers view (see 2.2-2.4).

Why does the dash cam stop recording after some time?

- If motion detection is enabled, the dash cam will automatically stop recording when no movement is detected for more than 5 minutes (see 3.6).
- Your micro SD card may be full and need to be formatted before using again. 1440P and 1080P videos occupy a lot of card capacity and G-Sensor protected videos cannot be erased automatically. We recommend formatting your memory card every 14 days.

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

- 1440P and 1080P videos have a bigger data flow and hence requires a micro SD card with faster writing speed. If memory cards below Class10 are used, they may cause the dash cam to freeze or other related video recording/erasing issues.

How do I turn off audio during recording?

- To turn off the Audio Recording, press the Right-arrow Button (13) once during recording. (Please note: this does not interrupt the video recording).

How do I start recording videos?

- The Z3Pro dash cam is programmed to automatically record when there is power connected and a memory card inserted. When the engine is turned off or power is disconnected, the dash cam will stop recording and turn off.
- It is recommended to format the SD card before initial use.

7 Customer Support

For customer support inquiries please contact via Email:
support@z-edge.com
Or visit our official website: www.z-edge.com



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facebook.com/zeroedgeGA/



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pinterest.com/zeroedgeGA



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youtube.com/zeroedge

Follow us to get the latest updates, your opinion is important to us!

8 Warranty

Thank you for choosing Z-EDGE. Your satisfaction is always our first priority.

All Z-Edge customers have a 30-day money back guarantee, to make sure your shopping experience is worry-free.

By default, the unit warranty-period is set to **12 months** from the unit-shipped date.

You can be corrected to **18 months** by register your product in our official website.

Product Registration URL:

www.z-edge.com/pages/register

9 Product Specifications

Item	Description
Resolution	Front+Rear: 2560x1440P 25fps + 1920x1080P 25fps 1920x1080P 30 fps + 1920x1080P 30 fps Only Front: 2560x1440P 30fps 1920x1080P 60fps 1920x1080P 30fps
Storage Support	Supports Micro SDXC, Up to 256GB, Class10 or above
Display	2.0" IPS LCD
Lens	155 degree wide angle
Focus Range	1.5m~Infinity
Video	Front camera: 2560x1440P 30fps Rear camera: 1920x1080P 30fps MP4
Image	Resolution: 4M JPEG
G-Sensor	Yes
Microphone	Yes
Speaker	Yes
WiFi	Yes
Interface	Micro USB
Battery	Built-in Battery
Operating Temperature	-10 to 60°C / 14 to 140°F
Storage Temperature	-20 to 70°C / -4 to 158°F
Dimensions	4.26 inch x 1.5 inch x 1.8 inch 110 x 40 x 45 mm (LxWxH)

Item	Description
Weight	4 oz / 115g
Car Charger	INPUT: DC 12-24V, OUTPUT: DC 5V

Please Note:

The contents of this manual are subject to change without notice to improve quality. ZeroEdge Technology owns the copyright for this manual.

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: (1) This device may not cause harmful interference, and (2) 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.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.
3. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



Z3PROZ22UMDE-02