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USER MANUAL

Car Dash Camera

3"OLED

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Disclaimer

1. Please read the set-up and usage instructions carefully before operation.

2. You should not set/install this dash camera at a place that would obstruct or reduce a driver's view. Make sure your usage complies with pertinent vehicle codes of your state, province, territory or country.

3. You should post the required notices of recordation to occupants inside the vehicle, if voices or other information/signal pertaining to in-vehicle activities will be recorded.

4. You should not change the dash cam's setting or mode of operation when the vehicle is in motion.

5. You should not leave the dash cam in a visible spot when no one is inside the vehicle, to avoid attracting break-ins to steal the unit or other property.

6. You should avoid extended exposure of the dash cam to direct sunlight or extreme temperatures (either high or low temperature) which tend to degrade or damage the unit and its normal functionality.

7. You should examine, check and verify the dash cam at least every 6 months, including the memory card, to ensure the video reception and recording are working properly. For each use, you should verify that the dash cam unit, the visible lights and the audible sounds are working normally. If there are signs of non-operation or malfunction, you should immediately seek to replace the product and check to see if the product is covered under any applicable warranty.

8. The dash cam unit may have additional functionality, such as transmission and recordation of audible or GPS signal or other identification information. If you have privacy concerns about these functions, make sure you follow the instruction to disable these functions.

9. You should use the dash cam unit in the way it is intended. You should not use the dash cam unit in a way that would be illegal or that tends to physically damage the unit, or tend to cause danger to the safe operation of the vehicle or the occupants.

10. THIS DEVICE SHOULD NOT BE ADJUSTED BY THE DRIVER WHILE DRIVING.

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Safety Information

• **Do not expose the product to direct sunlight or intense light**. The lens or internal circuitry may fail otherwise

• **Do not apply excessive force when pressing the buttons.** Doing so may damage the buttons

• **Do not use chemical cleaners or solvents to clean the product.** Doing so may damage plastic components of the product. Clean the product using a clean, soft, and dry fabric.

• **Do not disassemble the product or subject the product to impact**. Doing so may damage the product. Unauthorized disassembly of the product voids the product warranty

• **Handle with care.** If you drop, mishandle, or expose the product to external shocks, it may cause damage and/or result in the malfunction of the product.

• Do not attempt to insert foreign objects into the device

• **Avoid excessive humidity and do not allow any water to enter the product.** Electronic components inside the product may fail if exposed to humidity or water.

• **Use the product at a temperature between 14°F and 140°F (-10°C to 60°C) and store the product at a temperature between -4°F and 158°F (-20°C to 70°C).** The product may not function as designed and some permanent physical damages may result if it is operated or stored out of the specified temperature ranges. Such damages are not covered by the warranty

• **This device is intended to be used inside the vehicle only.** Install this device in a location where it has unobstructed view of the road but does not interfere with the driver's view. Please check your local and regional law before mounting to windshield.

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Product Precautions

1.Before installation, please check the accessories carefully to ensure that the products and accessories are correct and complete, and then start the installation.

2.During installation, be sure not to insert the car key into the power supply, and do not insert or pull out any machine accessories in the status of Power-on, including: rear camera and SD card. These actions should be completed when power is turned off.

3.When the car key is plugged into the vehicle, the dash cam will automatically turn on. Please check whether the function of power on/off, the front and rear cameras display is normal.

4.When the machine is in use, it is forbidden and dangerous to pull and insert the rear camera plug, GPS antenna and SD card, which will cause the recorded video files to be damaged and the machine to be abnormal or damaged.

5.If you need to download the recording videos and images, press SD card directly when the car is turned off. Then insert the SD card into the machine again when the vehicle is turned off.

6.You must use Class 10 high-speed card (recommended capacity 8GB-128GB), lower than C10 will cause problems like video stutter, black screen, video cannot be recorded or not be played or not automatically be covered.

7. Achieving more functions require mobile phone terminal to connect to dash cam with Dashcam Player APP. The specific application method of the APP will be described in detail later.

What's in the box

Dash Camera

Car Charger

Rear Camera

USB Cable

Adhesive

Electrostatic Stickers

User Manual

Product Overview

90° — Indicator Light

Forward Camera

TF card slot

AV-IN

Micro USB port

Reset

GPS

Power

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Icons

1. Camera	11. Battery Capacity
2. Video	12. View Mode
3. Time	13. Video Mode
4. Motion Detection	14. Playback
5. G-sensor	15. Setting
6. GPS	16. Camera Mode
7. Audio/Mic On	17. Audio/Mic ON
8. SD Card	18. Record Button
9. Beep Sound OFF	19. Lock/Unlock
10. Beep Sound ON	20. Speed Unit
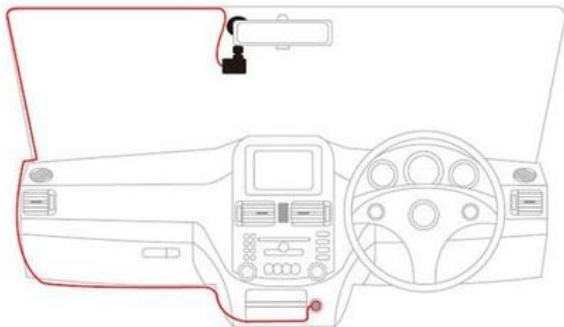
1. Insert the TF card into the card slot of dash cam

- Please use high-speed SD card (Class10 or above, capacity is not less than 8GB, max to 128GB, and to format the SD card with the dash camera or PC before using)
- Do not apply excessive force on the MicroSD Card or attempt to insert it in the wrong direction as it may cause damage to the MicroSD card and the card slot.

2. Clean the area on the windshield where the dash cam will be installed.

3. With dash cam main unit still attached to the mount, remove the protective tape from the back of the mount.

4. Attach the adhesive side of the mount on the windshield where it has unobstructed view of the road but does not interfere with the driver's view.

5. Insert the car charger into the car cigarette lighter, and please use the standard car charger.

6. Connect the Micro USB end of the power cable to the Micro USB port of the device.
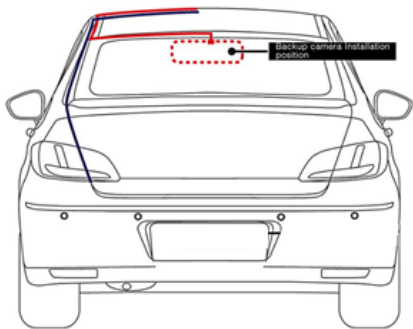
7. Layout the power cable and rear camera cable before installing in the rear windshield. Tuck the wires into the headliner. After installation, connect the rear plug into the rear camera interface of the recorder AV-IN, and connect the red reversing wire on the extension cord of the rear camera to the positive pole of the reversing light.

8. Adjust the lens position to ensure that the lens is level with the ground.

9. Plug the car charger adapter into the vehicle power socket. Start the engine and check whether the machine is installed correctly.

10. Connect the dash camera to car charger all the time.

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DCMAX Dash Camera uses Dashcam Player App that lets you control your camera remotely using a smartphone or tablet. Features include full camera control, live preview, photo playback and sharing of select content and more.

A. **Android system mobile phone**

Open the "Google Play Store" search for "Dashcam Player "
Or scan the QR Code to download and install.

B. **IOS system Apple phone**

Open the "Apple App Store" search "Dashcam Player "
Or scan the QR Code to download and install.

WiFi Connection

Open your smartphone WiFi settings and select Dash Cam Network: LS03…;
Use password 12345678 to connect.

Once connected, launch the APP to see live video, track your journey, change camera settings or download captured footage and photos.

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Icon	Description	Options
2160P 24FPS Resolution	**Resolution** - Select the video resolution and frame rate. The higher resolution the better video quality, this requires more memory card space than lower resolution settings.	Front camera only: 4K 2160P@24fps 2K 1440P@30fps 1296P@30fps 1080P@60fps Front+Rear Camera: 1920*1080P@30fps 1920*1080P@30fps
1 Min Loop Recording	**Loop Recording** – This function allows the camera to continuously record video footage on your memory card. When there is insufficient space on the memory card, loop recording will automatically overwrite the oldest non-protected file on the memory card, and replace with a new recording.	OFF / 1 / 3 / 5 minute
Mirror Image	**Mirror Image** - This is for rear camera image. If turned off, cars pass from your left side, the video will show on the left side. If turned it on, cars pass from your left side, the video will show on the right side.	OFF / ON
Audio	**Audio**- When turned off the dashcam will not record audio.	OFF / ON
Beep Sound	**Beep Sound** - Turn on or off touch screen beep sound.	OFF / ON

Language - Select language		English, French, Spanish Portuguese, German, Italian,Chinese,Japanese Polski, Arabic
Time Zone - Select the "Time Zone" of your location before setting date and time.		Examples: * Australia, AWST (UTC+8) * Washington, DC (GMT-4) * Chicago (GMT-5) * Denver (GMT-6) * Phoenix (GMT-7) * Los Angeles, CA (GMT-7) * Anchorage (GMT-8)
Time Setting - Set the Time and Date.		HH:MM
Parking Mode - When something hits your car, the dash cam will automatically turn on, start to record a 20-second video and then turn off. "Parking Mode" is triggered by G-Sensor/vibration.		OFF / ON
Motion Detection - Automatically record when dash cam detects movement in the area. Video will be recorded only when motion is detected.		OFF / ON
G-Sensor - When the G-sensor is activated due to a collision, the footage currently recorded will be automatically locked to avoid being overwritten by loop recording. Adjust the G-sensor level of the camera to the appropriate setting based on your driving area.		OFF/LOW/HIGH/MIDDLE

	Time Lapse - It is a shooting technology that can compress and shorten the longer of video recording. To a certain extent, it can monitor and protect the car all day and save the recorder memory storage.	OFF/ON
	WDR - Adopt internationally advanced double (long & short) exposure techniques, reformat video images to be optimal. Images is commonly overexposed in the strong sunshine, and hardly to be taken in the dim light conditions, WDR capability gets the issue resolved.	OFF/ON
	Speed Unit - select the speed unit.	KMH or MPH
	Auto Shutdown - If you want the camera automatically turn off after certain time when NOT recording, please select the length of time.	OFF, 1mins, 3mins or 5mins
	Delay Shutdown - If you want the camera automatically turn off after certain time when NO power supply, please select the length of time.	OFF, 1mins, 3mins or 5mins
	License Plate – You have an option to program your car's license plate number into it, and have that display as an overlay on the recorded video if you turn on "Watermark".	▮▮▮▮▮▮▮▮

	Frequency - Please set 50Hz or 60Hz according to your local source frequency.	50Hz or 60Hz
	SD Storage - You could check the total space/capacity of your SD card and the current available space/capacity.	
	Format - Format your TF Card before recording.	
	Default Setting - Restore settings to factory default.	
	Version – Here you can check firmware version.	

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Keys and Functions

Key	Function	Description
TF card slot	TF Card	TF card support max to 128GB Class 10
Micro USB port	Charging/USB storage/Web camera	Connect to PC/ View video or photo / as the web camera for PC Connect to power.
Reset	Reset	Press to force the device to reboot
Power	Turn on/off device Turn on/off WiFi	Press to turn on device. Press and hold for 3 seconds to turn off device. Press to turn on/off when device standby.

GPS Software Player

If your need to check the GPS information, you need to install Car DV Player to your computer. Car DV Player is available for Mac OS X and Windows PC application for viewing video and GPS data recorded by DCMAX dash camera.

With this player you can play your videos on your computer screen while watching your vehicle's speed, distance, position, data displays, and maps.

Please click the link to download the dedicated player for your computer:

For Mac:
https://www.elinz.com.au/assets/files/GPSPlayer-macOS-V1.4-20191012.pkg

For PC:
https://www.elinz.com.au/assets/files/GPSPlayer-Windows-V1.4-20191022.exe

Chipset	Novatek NTK96660
Imaging Sensor	Sony Starvis IMX307 + Sony Starvis IMX307
Screen	3.0" OLED Touch Screen
Lens	140 Degree ultra-wide angle
Photo Resolution	VGA/1.3M/2MHD/3M/5M/8M/10M/12M
Video Resolution	Single Cam: 2880x2160 @24FPS, Dual Cam: 1920*1080P @30FPS + 1920*1080P @30FPS
Video Codec	H.264, MP4
Aperture	F/1.8
Language	English/Simplified Chinese etc.
G-sensor	Support
Color	Black
Loop Recording	Support
Auto turn on/off	Support
Motion detection	Support
Year/Month/Day/Hour/Minute	Support
Photo Format	JPG
Memory card	TF card, Class 10 or above, Max support 128GB
MIC	Support
Speaker	Support
GPS	Support.
USB port	1：Storage 2. Charging 3. Power on and recording
Power Interface	5V 2.5A
Battery	Super capacitor
Working temperature	-10°C to 60°C

Troubleshooting

If your unit does not appear to be operating properly, please refer to the following **FAQ**s and troubleshooting steps:

• Make sure the power cord is properly connected.
• Make sure the socket of your vehicle's cigarette lighter is clean and free of corrosion.
• Make sure the power cord's cigarette lighter adapter is firmly seated in your cigarette lighter, and the LED indicator is on.

Q: Cannot take picture and record
A: Please check whether there is enough space for TF card, or if it is locked.

Q: Stopping automatically while recording
A: Due to the huge amount of HD video data, please use high-speed C10 TF card with SDHC compatible, there will be the mark of C10 on the TF card.

Q: There is "wrong file" shown on LCD when replay the photo/video
A: Because of TF card storage error, please format your TF card.

Q: Fuzzy image
A: Please check if the lens for dust, dirt, fingerprints, and clean the lens using clean microfiber cloth or a **cleaning** wipe. Wipe the **lens** in a circular motion going to the center and gently remove fingerprints, oil, smudges, dirt, and dust

Q: Dark image when shooting the scene of sky or water
A: There will have an impact on the exposure when the big difference between the scene. Please adjust the "EV" in the menu setting.

Q: The color is not good in the cloudy or indoor
A: Please check the "white balance" is Auto or not in the menu.

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Q: Horizontal stripes interference in the image,
A: This is due to the wrong setting of light frequency error, please set the frequency 60HZ or 50HZ according to the local power supply.

Q: Freezing
A: Please reset the device.

For any inquires, issue or comments concerning our products, please send us an email to the address below and we will respond as soon as possible.

Feel free to contact us at 1300 881 773, send us an email at sales@elinz.com.au or chat with us.