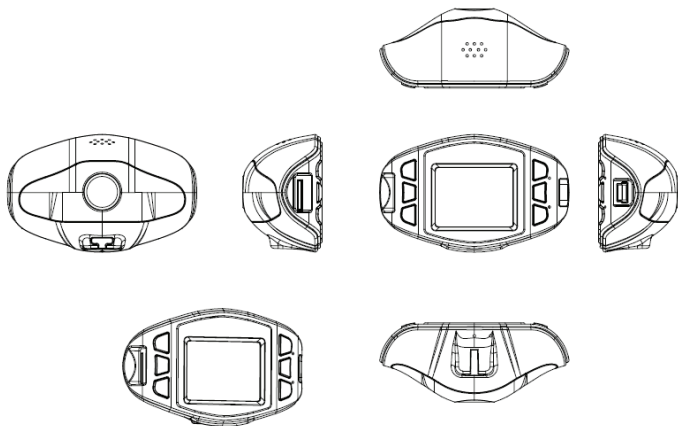# ednet.

Dash Cam, Full HD 1080p

User Manual
87234

1. Package Content

- Car DVR
- Suction mount
- Car charger

- 1.2m power cable
- User manual

2. Product overview

Getting started

3. Power on/Power off

- Position the device in the vehicle using the suction mount and press the Power button to turn it on. To power off the device press the button again.
- You can also connect the device to the car charger. It will automatically turn on and start recording when the car engine starts. When the engine stops, the device will automatically save the last file and turn off.

4. Language Setting

To switch to other languages you need to do following steps to change the menu to your language:

- Press Menu button twice
- Scroll down to page 3 and select "Language"
- Choose your language and press "OK"

5. Charging

- Using the power cable: connect the device to the USB port of a computer/Laptop
- Using the car changer: Connect the device to the car charger. The device will start charging after the car engine is turned on. The device will automatically turn on and start recording. When the engine stops, the device will automatically save the last file and turn off.
- Normally it takes approximately 2-3 hours to fully charge the device. Operating the device while charging with the Car Charger may extend the time of full charge.

Note:
Before using the device for the first time, please connect it to the PC or notebook using the USB cable provided to fully charge the battery. The battery is completely charged in 2-3 hours.

6. Inserting the microSD-card

- In accordance with the instructions in the direction of the insert SD card into the SD card slot until it is fixed in the SD card slot.
- To take out the SD card, please gently press down the SD card, reveal a SD card after SD card pops-up.

Note:
After inserting the microSD card the device will automatically recognize it as default storage and all the data will be saved on this card.

Cautions:
- When using the SD card please make sure the SD card if there is abnormal.
- Please pay attention to the direction of the SD card inserted, if reversed insert it might damage the machine and the SD card.
- If the device and SD Card is incompatible, please insert an SD card again to try again.
- Please use the high speed SD card (SDHC class6 card).

Recording

- Connect the device to car charger, when the car engine is turned on after 5 seconds, the device will start loop video recording. When the car engine stops, the device will save the last file and turn off after 15 seconds

Notice:
1. Press **OK** button on loop video recording, the current file will be saved and the device enters to standby mode.
2. When the microSD card is full, the device will delete the first unlocked video file automatically.

7. Taking pictures

- Press the **Mode** button (**M**) to select the photo mode
- Press **OK** button to take photos, taken photos are saved on microSD Card
- Press the **Mode** button (**M**) in the photo mode, and then press up/down button to set resolution and time

Home screen

8. Main menu

The following symbols may be displayed on the screen:

	Menu mode		Play back mode
	Picture mode		Video recording mode
	Back		Up
	Down		Ok
	Zoom		Pause
	Mic		Storage card
	Battery		

Settings

9. **Video Menu settings**

Turn on the device and make sure the Video mode is selected.

> **Note:**
> The appropriate symbol will be displayed in the top left corner of the screen.

Press **Menu** button to enter Settings. Press up/down button to select the option and press **OK** button to enter the select mode, press up/down button to select and press **OK** again to set the value. The following options list is available in the Video menu:

- **Recording Resolution:**
  Select the video image size from 1080HFD 1920*1080 //720P 1280*720 / WVGA 848*480 / VGA 640*480
- **Loop recording**:
  Select the loop recording from off 1 min / 2 mins / 3 mins
- **EV**:
  Select the EV from +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 the standby mode, press **Menu** button to set the function on, the device will start video recording automatically if it detects a moving object and stop recording when there is no movement detected.

- **Audio:**
  Select to turn the record audio on or off
- **Date Stamp:**
  Select to turn the date stamp on or off.
- **G-sensor:** off, 2G, 4G, 8G

10. Picture Menu settings

Turn on the device and make sure the Picture mode is selected.

Note:
The appropriate symbol will be displayed in the top left corner of the screen.

Press **Menu** button to enter Settings. Press up/down button select the option. The following options list is available in the Picture menu:

1. **Timer**:
   Select the capture Mode from Single 2S Timer / 5S Timer / 10S Timer
2. **Resolution:**
   Select the picture image size from 12M 4000*3000 / 10M 3648*2736 / 7.5M 3200*2400 / 5M 2592*1944 / 3M 2048*1536
3. **Sequence:**
   Select to turn the sequence on or off
4. **Quality:**
   Select quality from Fine / Normal / Economy
5. **Sharpness:**
   Select sharpness from Strong / Normal / Soft

6. **White Balance:**
   Select white balance from Auto / Daylight / Cloudy / Tungsten / Fluorescent
7. **Color:**
   Select color from color / Black & white / Sepia
8. **ISO:**
   Select ISO from Auto / 100 / 200 / 400
9. **EV**:
   Select the EV from +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
10. **Anti-Shaking:**
    Select to turn the Anti-Shaking on or off
11. **Quick Review:**
    Select to turn Quick Review off 2 Seconds / 5 Seconds

11. General settings

Press **Menu** button to enter Settings, and then press **UP, DOWN, OK** button to select Settings. The following settings are available:

- **Set Date/Time:**
  Select the date and time display format, MM/DD/YY
- **Auto Power off:**
  Make the device automatic power off when it is not in use.
- **Language:**
  Select the desired language from the list.
- **Light frequency:**
  Select Light frequency from 50HZ / 60HZ

- **Screen Saver:**
  Select to turn LCD off 3 Minutes / 5 Minutes /
  10 Minutes
- **Image rotation:**
  Select to turn Off or On
- **Format:**
  Select to format the microSD Card.
- **Default Setting:**
  Select if return menu setting to defaults or not.
- **Firmware version:**
  Displays the current system version.

12. Playback mode

Press Mode button (**M**) to enter playback mode. The last
recorded file will be displayed. Press the up/down
button to view the files.

Press the OK button to play the files. Meantime, under
play mode, press up/down to FORWARD / BACKWARD
the file, then press OK button to pause. Press the **Menu**
button back to the playback menu. To enter menu options
press **Menu** button, the following settings
are available:
  Delete: Select the file / files you want to delete
  Protect: Select the file you want to lock or unlock

13. USB connection

To download registered files on your PC/notebook, please, connect the device to the PC or notebook via USB-cable provided. After connecting the device to the PC the USB menu will be displayed, containing **Mass Storage** and **PC Camera**. Select **Mass Storage** and the device will appear in "My computer" as the removable disk.
All registered files are stored in DCIM folder, videos are stored in AVI format, and the pictures are stored in JPG format. You can now download the files from the device.

14. PC Camera Mode

Connect the device to a computer via USB. It will show Mass Storage/PC Cam starting up the device, press up/down to select and then press OK to enter PC CAM mode, then you can use the device as a PC Camera.

Safety precautions

Please observe all safety precautions before using 274. Please follow all procedures outlined in this manual to correctly operate the device.

- Do not attempt to disassemble or alter any part of the device that is not described in this guide.
- Do not place the device in contact with water or any other liquids. The device is NOT designed to be liquid proof of any sort.

- In the event of liquid entry into interior of device, immediately disconnect the device from the computer. Continuing use of the device may result in fire or electrical shock. Please consult your product distributor or the closest support center.
- To avoid risk of electrical shock, do not connect or disconnect the device with wet hands.
- Do not place the device near a heat source or directly expose it to flame or heat.
- Never place the device in vicinity of equipments generating strong electromagnetic fields. Exposure to strong magnetic fields may cause malfunctions or data corruption and loss.

Technical Specifications

Recording	1080FHD 1920*1080 //720P 1280*720/WVGA 848*480/VGA 640*480
Video format	AVI
Picture format	JPG
Power source	rechargeable battery
Interfaces	USB, microSD card (Supports max 32GB, high-speed microSD card recommended)
Microphone	Built-in
Operating temperature	0 °~ 45°C

Video Storage Capacity

Storage card(G)	16G	8G	4G	2G
*1920*1080 (1080FHD)*	100 min	50 min	25 min	12 min
*1280*720 (720P 50fps)*	76 min	38 min	19 min	9 min
*1280*720 (720p 30fps)*	124 min	62 min	31 min	15 min
2592 X 1944 (5M)	16260 photos	8130 photos	4065 photos	2032 photos
*3264*2448 (8M)*	10252 photos	5126 photos	2563 photos	1281 photos
*4032*3024 (12 M)*	6824 photos	3412 photos	1706 photos	853 photos

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