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# USER MANUAL

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Model:M820

## Introduction

Thank you for purchasing our product, We hope that this user manual helps you get started with basic features that our camera has to offer.

This dash camera is equipped with built-in Wi-Fi / GPS(optional) / G-sensor, and the features of the product include: loop recording/emergency video locking / recording audio / parking monitoring / time-lapse recording, etc.

This user manual is for reference only. It is based on the actual product operation.

## Safety Information

1.Please read this instruction manual carefully before using the dash camera. It contains important information for your safety as well as operating and maintenance instructions.

2.Follow all safety precautions in order to prevent damage due to improper use of the camera.

3.In the event of improper use or erroneous handling, no liability can be assumed for any possible damage which may occur.

4.You should not 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.

5.You should release the required record notification to the occupant in the car, if you will record sounds or other information / signals related to car activity.

6.You should avoid extended exposure of the camera 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 camera at least every months, including the memory card, to ensure the video reception and recording are working properly. For each use, you should verify that the camera unit, the visible lights and the audible sounds are working normally.

8.Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.

14.If any damage is caused by failure to follow the instructions, the warranty will be voided.

15.During installation, be sure not to insert the car key into the power supply, and do not insert or remove any machine accessories like micro SD card or rear camera when the dash camera is powered on. These actions should be completed when power is turned off.

16. When the car key is plugged into the vehicle, the dash camera will automatically turn on. Please check whether the function of power on or off and all camera display is normal.

17. If you need to download the recording videos and images, please turn off the dash camera first before removing the micro SD card.

18. You must use U3 high-speed card (recommended capacity 32GB-128GB), lower than U3 will cause problems like video stutter, black screen, and video cannot be recorded or cannot be played.

19. Do not remove the Micro-SD card while it is saving or reading data.

20. Make sure to remove the plastic screen protector on the lens and on the screen before recording videos. Otherwise your videos will look blurry and out of focus.

## **Installation**

1. Insert the micro SD card into the camera.

Please make sure the camera is turned OFF First, then align the gold plated contacts facing towards the back of the camera (front camera side), then insert the memory card half way in, then use the finger nail or a paper clip to push the card all the way inward until it clicks and locks in place. The camera comes with the default settings which allows you to start using your camera right out of the box without changing any settings. Please make sure to format the memory card before first time use. (shown in the picture)

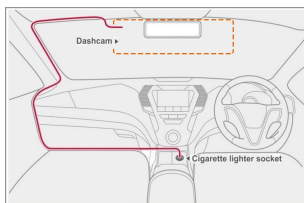
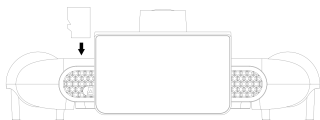
2. Clean the spot on your windshield where you would like to mount the camera and confirm the placement. We recommend to install the camera near the rear view mirror of driver opposite side. (shown in the picture)

3. Next, Press the bracket firmly against the windshield.

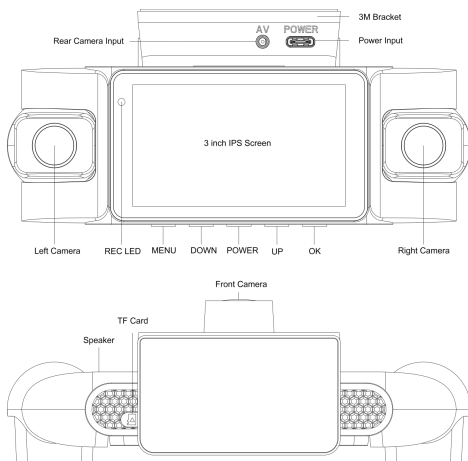
4. Install the rear camera on the rear windshield using the adhesive tape, and the other end into the "Earphone jack on the stand" port.

Note: Rear camera is designed to record footage at the rear of the vehicle. It should not be used as aid in backing up. 5. Plug the supplied car charger into your vehicle's accessory port, and the other end into the POWER port. Route the cable alongside the interior trim for better looking.

6. Format the micro SD memory card by going to Menu > Format then select Yes.

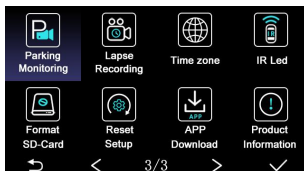
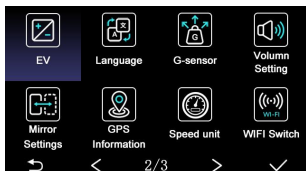
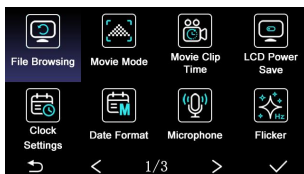
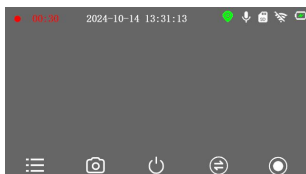


## Product Overview



## Set menu

Press OK button first to stop recording and then press MENU button to enter menu setting.



**File Browsing:**enter the file browsing mode.

**Movie Mode:**allows you to set the video recording resolution.

**Movie Clip time:**allows you to control the duration of each individual loop clip. It will delete oldest files and record newer files over and over when the memory card is full Clips can be set to durative of 1 Minute or 2 Minutes and 3 Minutes.The default is 1 Minute.

**LCD Power Save:**turns the screen off after a set time of no activity to prevent driver distraction. The camera will continue recording and the screen can be woken up by pressing any button. The default is Off.

**Clock Settings:**set system date and time.

**Date Format:**set system date format,the default is YY/MM /DD.

**Microphone Mute:**this device has a Built-in Microphone so you can record audio along with video. The microphone can easily be toggled off if you prefer not to record audio.The default is On.

**Flicker:**here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location. 50Hz or 60Hz.The default is 50Hz.

**EV:**when the ambient light source is dim, the exposure value can be appropriately increased;When the ambient light source is bright, the exposure value can be appropriately reduced;The default is zero.

**Language:**allows you to set menu multi language.The default is English.

**G-sensor:**G-sensor is a 3-axis impact gravitational accelerometer, designed to detect physical and gravitational forces on the camera. Once G-sensor is trigged due to physical or gravitational impact force on the camera, the current video file will be locked as an emergency file to avoid getting overwritten. Off / Low / Middle / High for optional, this feature is closed by default.

**Volumn Setting:** allows you to set the system volume.

**Mirror Settings:**this option allows you to turn On or Off the mirror display feature of the Front/Left/Right/Rear camera.this feature is open on the rear camera by default.

**GPS Information:**the GPS signal will show if camera is receiving signal successfully. With this feature you can also check the location (longitude and latitude) or driven route when you playback the video using the dedicated GPS player.

**Speed unit:**GPS displays the current speed at the bottom of each video and the screen.This option allows you setting to the Off,KM/H or MPH.This

feature is KM/H by default.

**WiFi Switch:**this feature will allow you to turn WiFi broadcast from the camera so you can connect your phone with the camera to access videos, photos and settings.This feature is closed by default.

**Parking Monitoring:**when the car is turned off,the dash camera detects the car is shaking,it will start recording for 20 sec.this feature is closed by default.

**Note:**It needs to be used with Parking Monitoring cable.

**Lapse Recording:**the lapse recording function can compress a long video to a shorter time,which not only ensures the integrity of the recorded content,but also saves memory space.this feature is closed by default.

**Note:**It needs to be used with Parking Monitoring cable.

**Time zone:**you can also set the time zone value. this value is +8:00 by default.

**IR Led:**this option allows you to turn Open or Close if you want the left and right camera IR LED.this feature is auto turn on by default.

**Format SD-Card:**formats the micro SD card ready for use with the camera.

**Reset Setup:**click to reset system setting to default.

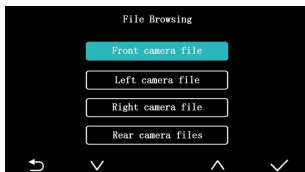
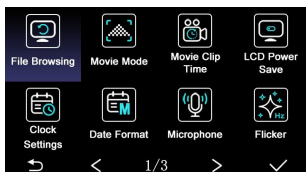
**APP Download:**you can scan the QR code to download the Android or iPhone-specific(Viudure)

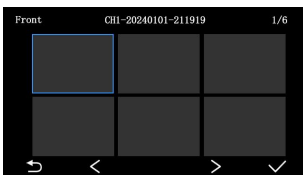
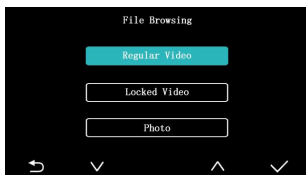
**Product Information:**to check the dash camera system firmware version.

## File Browsing

Press OK button first to stop recording and then press MENU button to enter menu setting.

Playback mode allows you to review the saved video footage and play back the video. To select a video for playback navigate using the up and down button then press the OK button to play.





## App Introduction

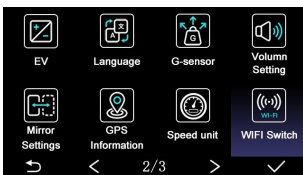
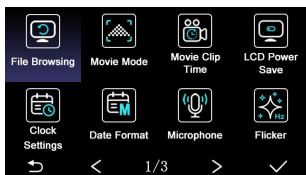
This dash camera use Viidure App. In standby mode, long press the menu button to turn on WiFi, and short press to exit. Allow you to connect your phone to a camera, access videos, photos, and manage some camera settings.

1. Search and install "Viidure" on the App Store, Google Play, or scan the QR code below:



2. Allow app permissions.

3. Turn on dash camera's WiFi by press once the Menu button enter the WiFi option, WiFi name and password will appear.





#### 4.Add dash camera:

iPhone:enter the system WiFi,select and connect the dash camera's WiFi,enter the App and complete the addition.

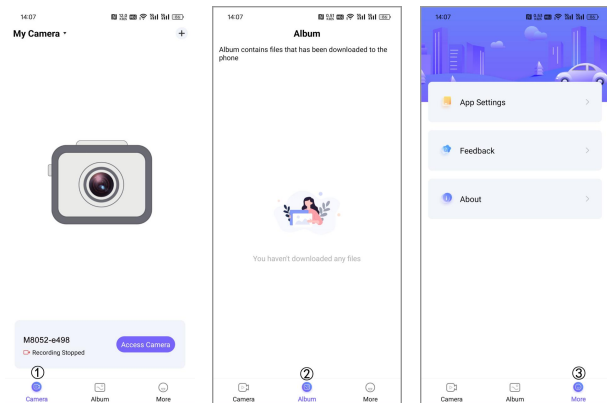
Android:enter the App,tap on "Add Camera",according to the Add Wizard,enter the system WiFi,select and connect the dash camera's WiFi,after the connection is complete, click "Return" to complete the addition.

#### 5.Introduction to App Homepage:



①Camera: This page manages recorders, allowing users to add recorders, view and delete recorders, and access the recorder's video preview interface;


②Album: Manage images and videos downloaded from the recorder to the phone;


③More: Language settings, problem feedback, and information about the APP.



#### 6.Introduction to recording and settings interface:

①Map mode: tap on the map icon , then click on the download icon , follow the prompts to download, and return to map mode after completion to use.

②Video file: tap on folder icon  to access all recorded videos saved in the Micro SD card.

③Menu settings: tap on settings icon  to change the settings of the dash camera.



## GPS Player video playback

**PC install player:** Use a USB card reader to open the micro SD card directory on the computer, find the gxplayer.exe installation file, click and install.

**Video folder:** Find the Normal folder and click open it. Select one of the recorded videos and drag them directly to the File column of the Player interface.

**Use Player:** In Player, you can view the GPS information, driving route, recording time, vehicle speed, and map trajectory of the recorded video.



## FAQ

**Q:** Video is fuzzy?

**A:** Please make sure the lens of camera is clean and there is no dirt on windshield also.

**A:** Remove plastic screen protector on the lens and on the screen display.

**Q:** Camera showing Memory Error

**A:** Please ensure that the memory card is U3 high-speed card (32GB-128GB) and format before using.

**Q:** Menu button / buttons not working.

**A:** Press OK button first to stop recording and then press MENU button again

**Q:** Camera Locks many videos automatically?

**A:** Please make sure you manage G-sensor setting. This setting depends on type of car or truck you are driving and how much vibration your car/truck is creating based on suspensions and road condition.

**Q:** Camera gets hot?

**A:** It is normal for your camera to run slightly hot.

**Q:** Micro SD Card is not going in.

**A:** Please make sure you align micro SD card correctly with gold contacts facing towards.

**Q:** Date and Time is not staying the same

**A:** Please go to camera's menu settings > Time zone > Set the correct value > OK to confirm. Every-time you have GPS signal, you will always have correct date and time.

## Product Parameters

|                  |   |                  |
|------------------|---|------------------|
| Model            | M8202   |                  |
| CPU              | SigmstarSSC8838G  |                  |
| Sensor           | Front   | Galaxy GC4653    |
|                  | Inside×2  | Galaxy GC2083    |
|                  | Rear  | AHD2083          |
| Video Resolution | Front   | 3840×2160p,30fps |
|                  | Inside×2  | 1920×1080p,25fps |
|                  | Rear  |                  |
| Working light    | Support to the powering (red) and recording (blue)        |                  |
| IR LED           | Only support to the inside camera                         |                  |
| Video Code       | HEVC and TS encoding format                               |                  |
| Memory card      | Micro SD U3 high-speed card,supports up to 128 GB         |                  |
| Screen Size      | 3.0 inch IPS LCD  |                  |
| WiFi Type        | Built-in 2.4G & 5G WiFi module                            |                  |
| APP Name         | Viidure   |                  |
| GPS              | Optional,supports built-in and external.                  |                  |
| voice control    | Optional, supports 13 English voice commands.             |                  |
| Audio            | Built-in microphone and speaker                           |                  |
| G-Sensor         | Built-in a 3-axis impact gravitational accelerometer      |                  |
| Parking Mode     | Supports G-sensor triggered recording mode and time-lapse |                  |
| Menu             | multi language  |                  |
| Temperature      | At work:-10 - 60 ℃ / In storage:-20 - 80 ℃                |                  |
| Product Size     | 138×68.8×51.65 mm   |                  |
| Power Supply     | input 12-24V, output 5V-2A                                |                  |

Note:We provide 1 whole year of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

## **FCC Warning Statement**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

## **FCC Radiation Exposure Statement**

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.