
USER MANUAL



Model:M700

Product Images



Model: M700A / M700C



Model: M700B / M700AHD / M700P

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 camera is equipped with Wi-Fi / GPS / 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 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 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.

9. Pay careful attention when cleaning the lens surface. Use a soft, moist cloth to clean the lens to avoid compromising video quality.

10. You should use the camera unit in the way it is intended. You should not use the camera 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.

11. This device is intended to be used inside the vehicle only.

12. Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.

13. Do not operate or install the camera while driving, or attempt to change any setting etc.

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 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 camera will automatically turn on. Please check whether the function of power on/off, the front/rear camera display is normal.

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

18. You must use U3 high-speed card (recommended capacity 8GB-256GB), 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.

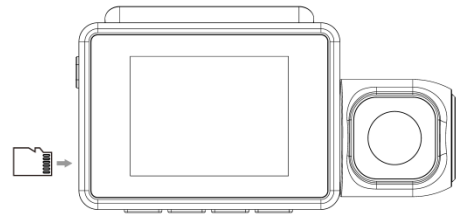
20. Make sure to remove the plastic screen protector on the lens and on the screen before recording videos. Otherwise your videos will look blurry and out of focus.

Installation

1.Insert the micro SD card into the camera.

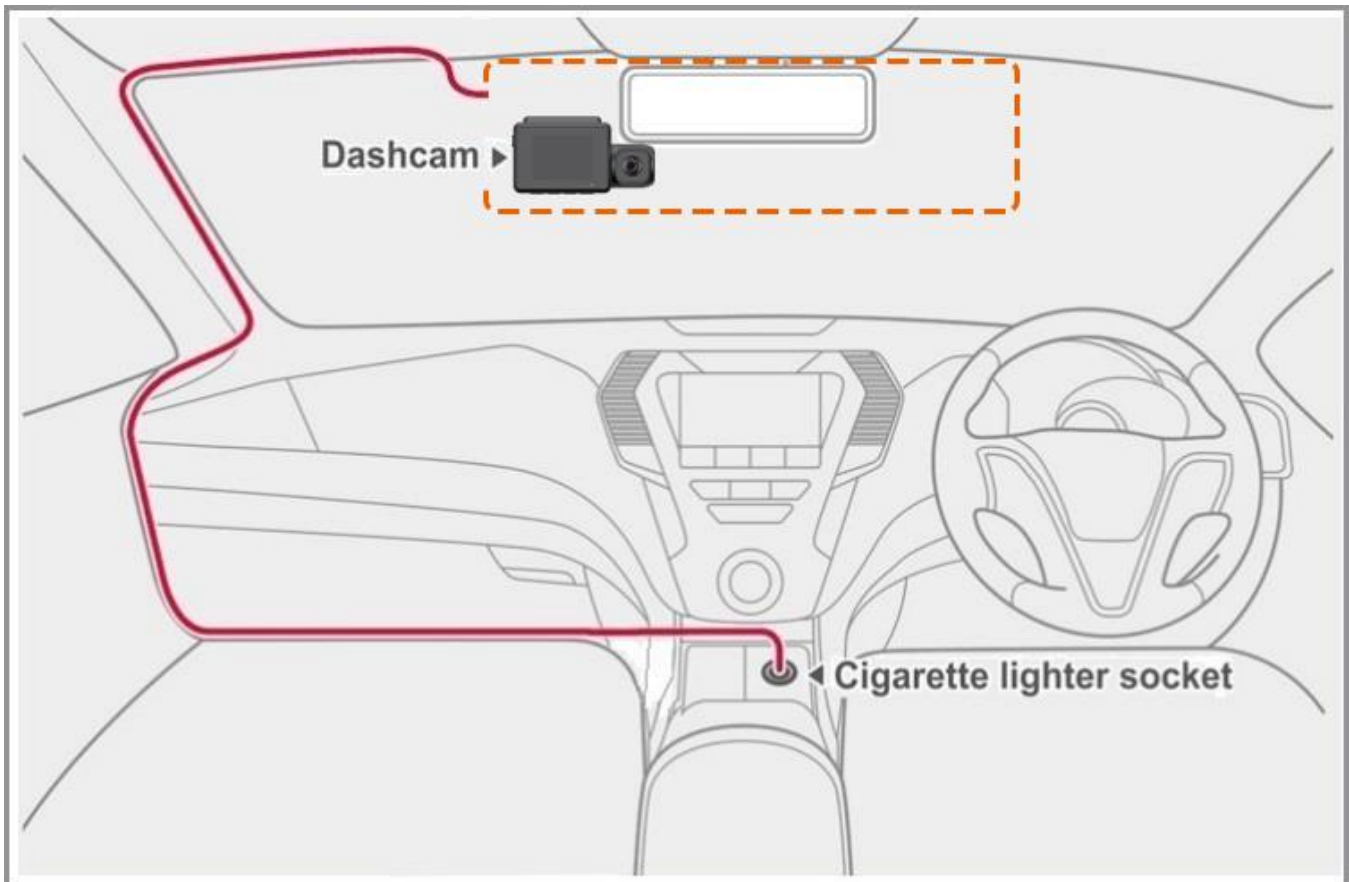
Max support 256GB.

Please make sure the camera is turned OFF First. Then align the gold plated contacts facing towards the back of the camera (Screen 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.



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.

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 “REAR” port.

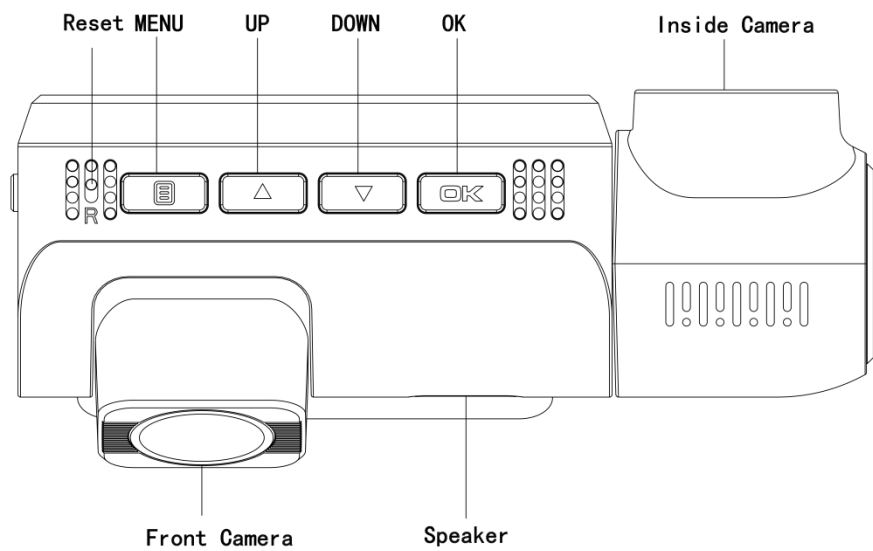
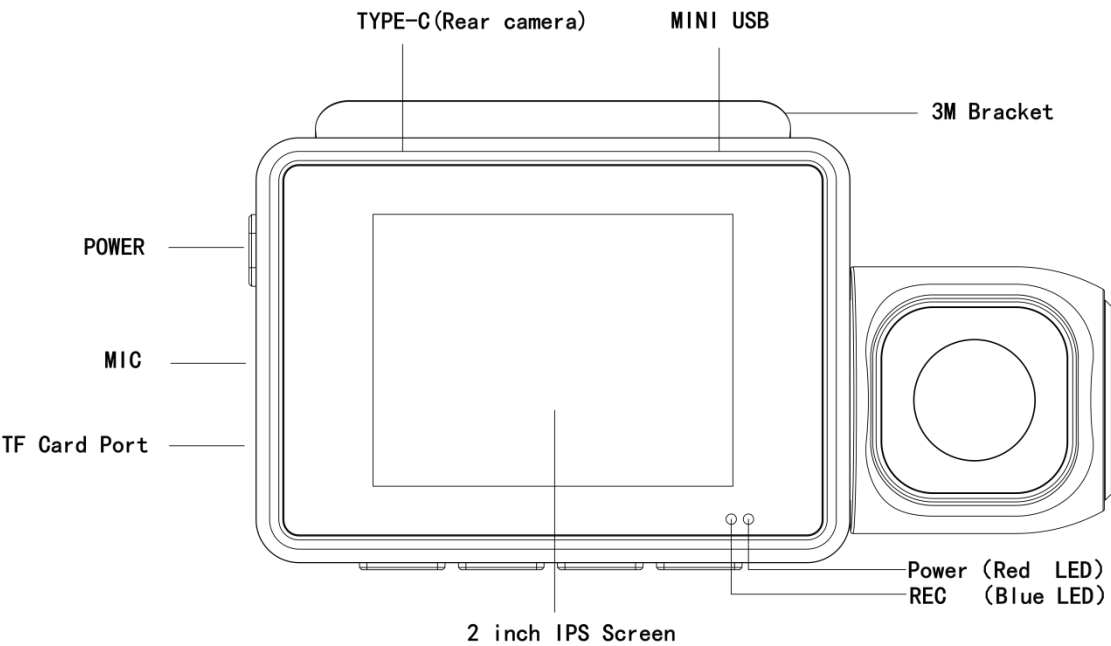













Rear camera is designed to record footage at the rear of the vehicle. It shouldnot be used as aid in backing up.

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 > System Settings > Format then select Yes.

Product Overview



Type		Description
	POWER BUTTON	Press and Hold to power On/Off
		Press Once to Switch between camera screen
	MENU BUTTON	Press Once to enter setting from standby mode
		Press Once to return menu page from detailed setting mode
		Press Once to lock/unlock current video file during video recording
		Press Once to enter file setting page from standby mode
		Press and Hold to WIFI On from standby mode, Press Once to exit
	UP BUTTON	Press Once to go to previous selection under setting mode
		Press Once to record audio On/Off under video recording mode
		Press Once to enter file browsing mode from standby mode
		Press Once to scroll to previous video file in playback page
	DOWN BUTTON	Press Once to go to next selection under setting mode
		Press Once to Parking Mode On/Off in standby mode
		Press Once to photo under video recording mode
		Press Once to scroll to next video file in playback page
	OK BUTTON	Press Once to confirm the selection under setting mode
		Press Once to start/stop recording under video recording mode
		Press Once to play/stop play current video file under playback mode
	Red Light	Light indicator is on when the device is charging
	Solid Blue Light	Light indicator is on when the device is powered on
	Flashing Blue Light	Light indicator is flashing when the device is powered on and recording
	Battery status	Powered on
		Battery Full/Battery Low/Battery Lower
		Battery Exhausted

Standby Interface Description

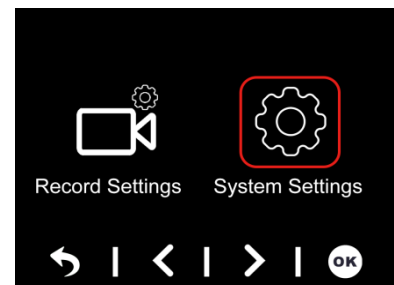
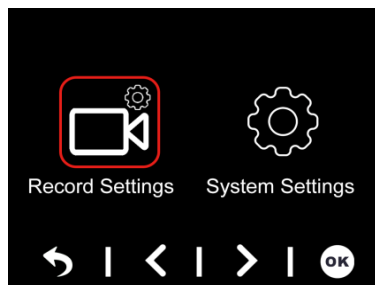


Video Interface Description

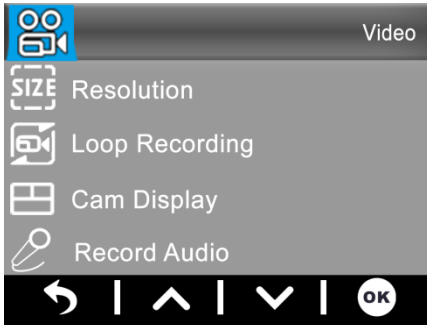
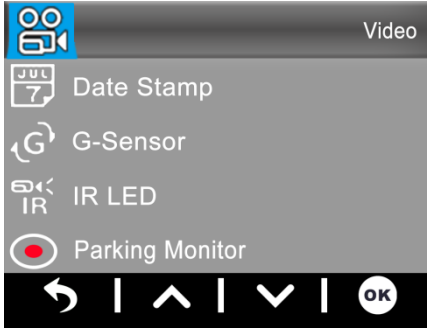
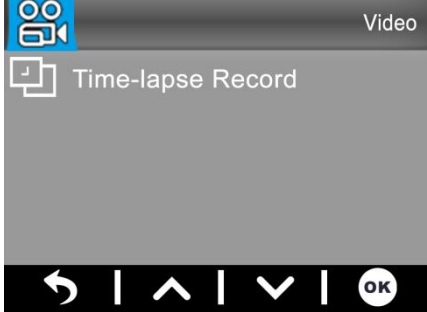


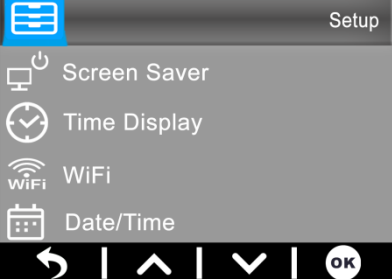
Setting Interface

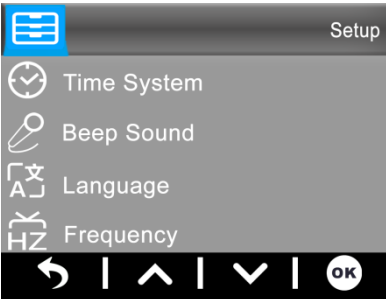
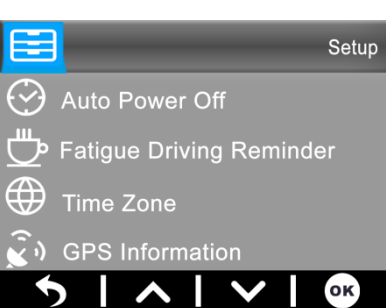
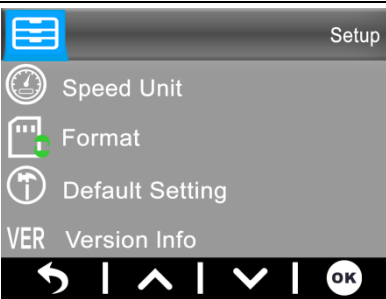
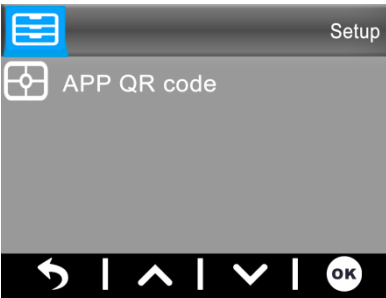
The setting interface can be divided into record settings and system settings.
Press OK button first to stop recording and then press MENU button to enter menu setting.



Record Settings

	<p>Resolution This setting allows you to set the video recording resolution.</p> <p>Loop Recording This setting 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 a duration of 1 Minute, 3 Minutes, 5 Minutes, or Off. The default is 1 Minute.</p> <p>Cam Display This setting allows you to control the display screen of each camera.</p> <p>Record Audio 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.</p>
	<p>Date Stamp This option allows you to turn On or Off if you want the time and date to appear on the bottom of the video. The default is On.</p> <p>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 triggered 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. The default is Low.</p> <p>IR LED This option allows you to turn On or Off if you want the Inside IR LED.</p> <p>Parking Monitor When the car is turned off, the Camera detects the car is shaking, it will automatically use the device's own battery to start recording for 1 min. This feature is closed by default. Note: When configuring super capacitors, they need to be used together with the parking monitor cable.</p>
	<p>Time-lapse Record The time-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 a Parking Monitor cable.</p>

System Settings	
	<p>Screen Saver 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 1 Minute.</p> <p>Time Display This option allows you to turn On or Off if you want the display screen of Clock. The default is On.</p> <p>WiFi 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.</p> <p>Date/Time Set system date and time. The default is YY/MM /DD.</p>

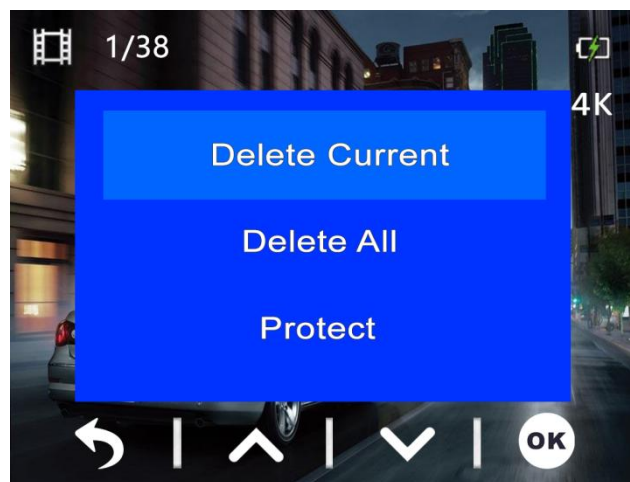
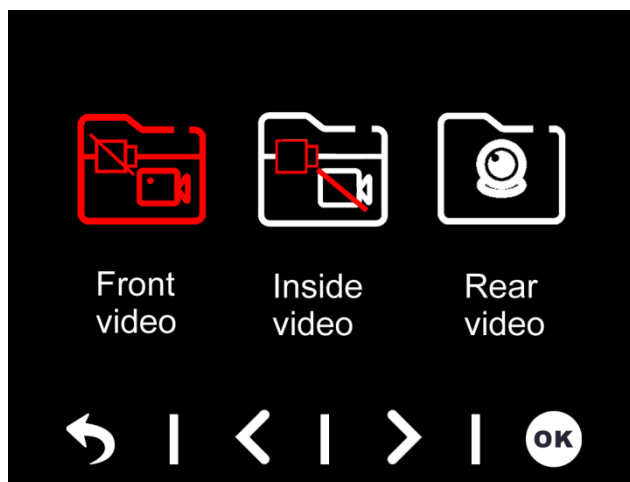
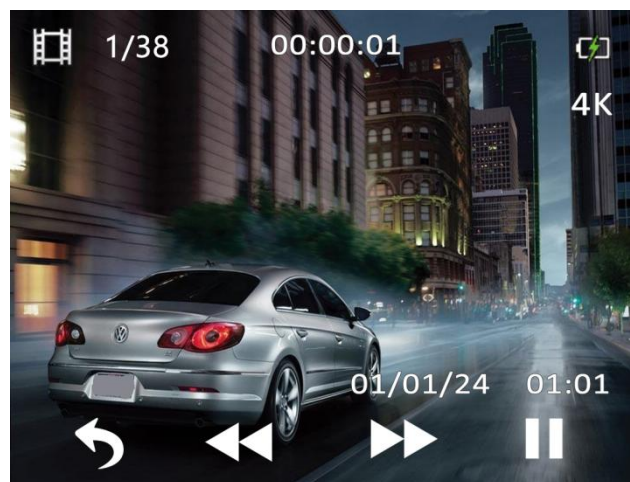
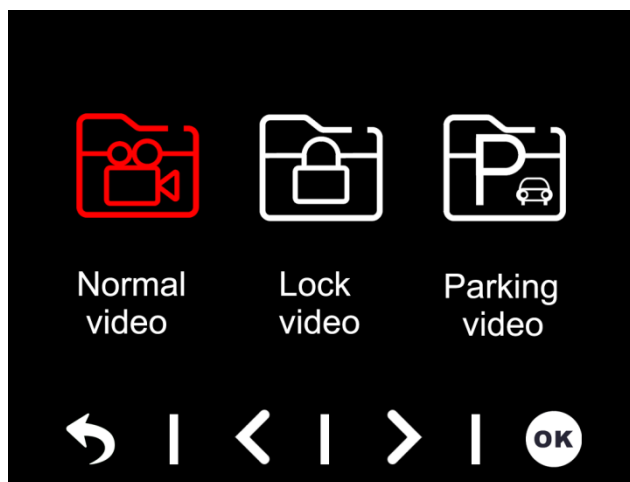
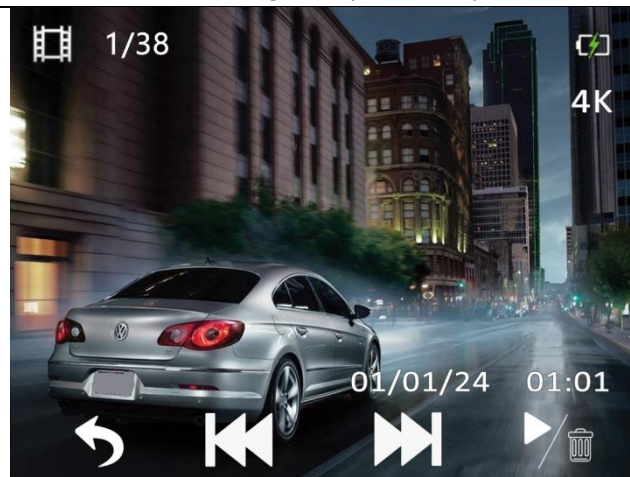
	<p>Time System Set the time system of 12 hour or 24 hour.The default is 24 hour.</p> <p>Beep Sound Turns the sound on or off for each time a button is pressed.</p> <p>Language Sets the on-screen display language to English,Simplified Chinese,Traditional Chinese,French,Spanish,German,Italian,Japanese,Korean,Russian,Arabic,Thai, Turkish etc.The default is English.</p> <p>Frequency 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 60Hz.</p>
	<p>Auto Power Off You can select the power off time in the absence of operation.Options 1 Minute, 2 Minutes, 3 Minutes, or Off.This feature is closed by default.</p> <p>Fatigue Driving Reminder You can also set driving time reminder to prevent fatigue driving of 1 hour,2 hours,4 hours or off.This feature is closed by default.</p> <p>Time Zone You can also set the GMT time-zone value so the camera will set the date and time based on the GMT value selection when it receives the GPS signal lock. Time zone will not change automatically when it starts / ends daylight saving time, please adjust manually at that time.The default is GMT+8:00.</p> <p>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.</p>
	<p>Speed Unit GPS displays the current speed at the bottom of each video.Options km/h, mph or Off.This feature is closed by default.</p> <p>Format Formats the micro SD card ready for use with the camera.</p> <p>Default Setting Click to reset system setting to default. Cancel or OK.</p> <p>Version Info To check the dash camera system firmware version.</p>
	<p>APP QR code You can scan the QR code to download the Android or iPhone-specific(Road Cam)</p>

File Browsing

Press the UP button in standby mode to enter the file browsing.

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.

Long press the OK button in playback mode to bring up the file menu: Delete Current/Delete All/Protect.



App Introduction

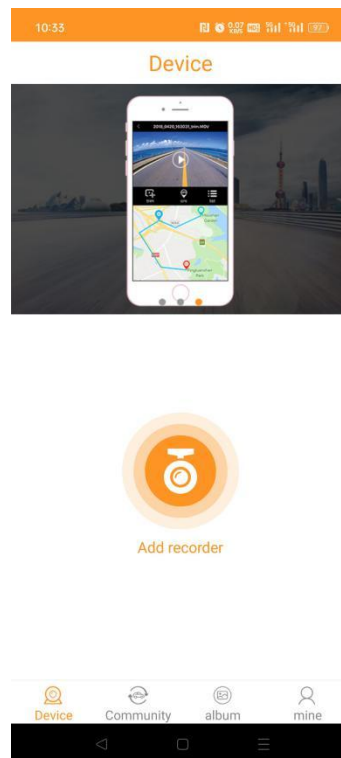
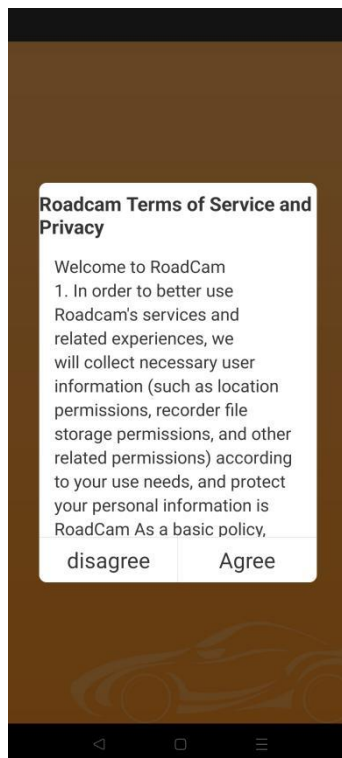
This dash camera use Road Cam App. In standby mode, long press the menu button to turn on WIFI radio, and short press to exit. Allow you to connect your phone to a camera, access videos, photos, and manage some camera settings.

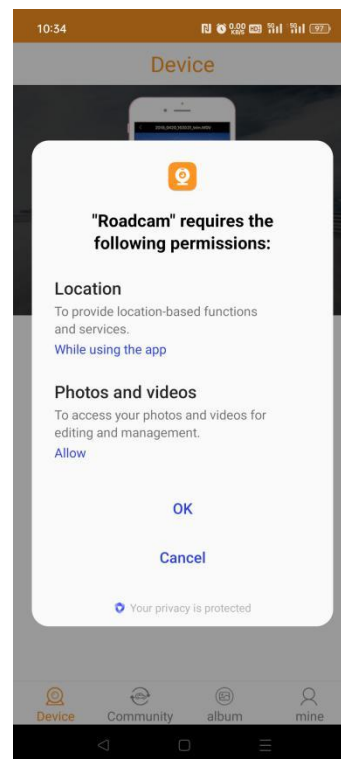
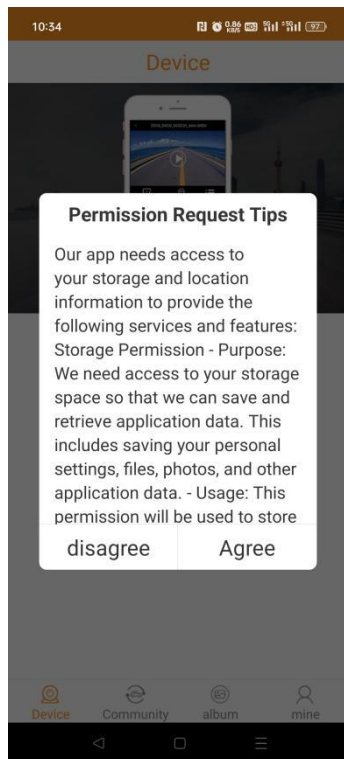
DOWNLOAD & SETUP

1. Search for “Road Cam” on App Store, Google Play or by scanning the QR code below:



2. Allow app permissions.





3. Turn on dash camera's Wi-Fi by pressing the Menu > system Settings > WIFI > On SSID "M800-5148" and password 12345678 will appear on the camera screen.



NOTE: WiFi is on, please connect

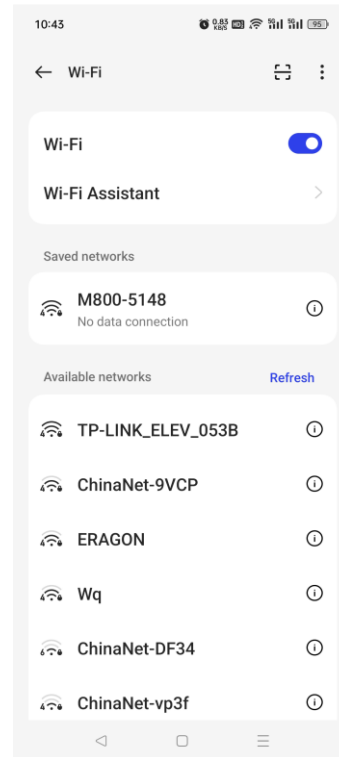
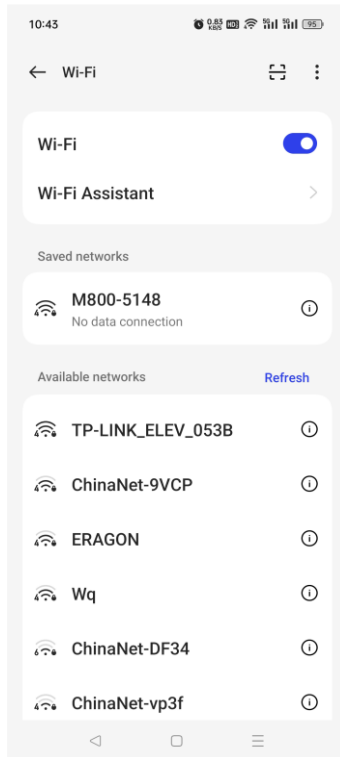


SSID: M800-5148
PWD: 12345678




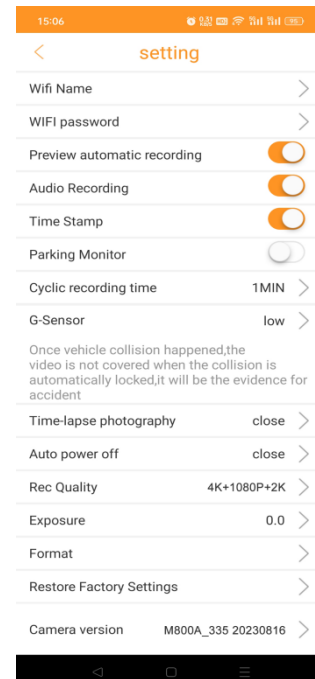
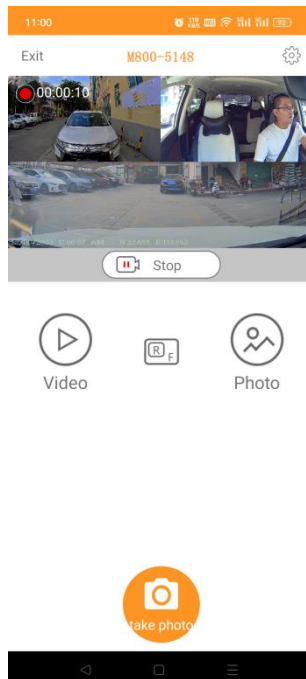
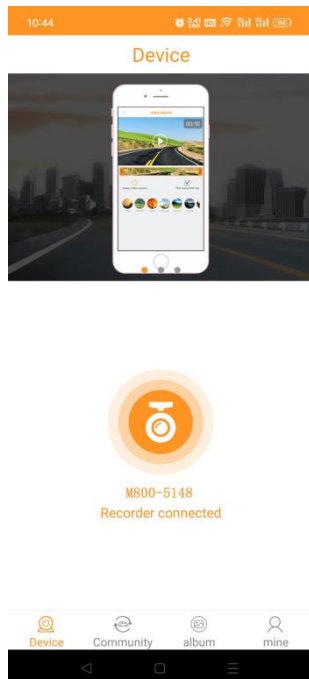
Turn Off and Exit

4. Go to your smart phone's Settings to turn on WIFI, then select WIFI default named "M800-5148", password is 12345678.



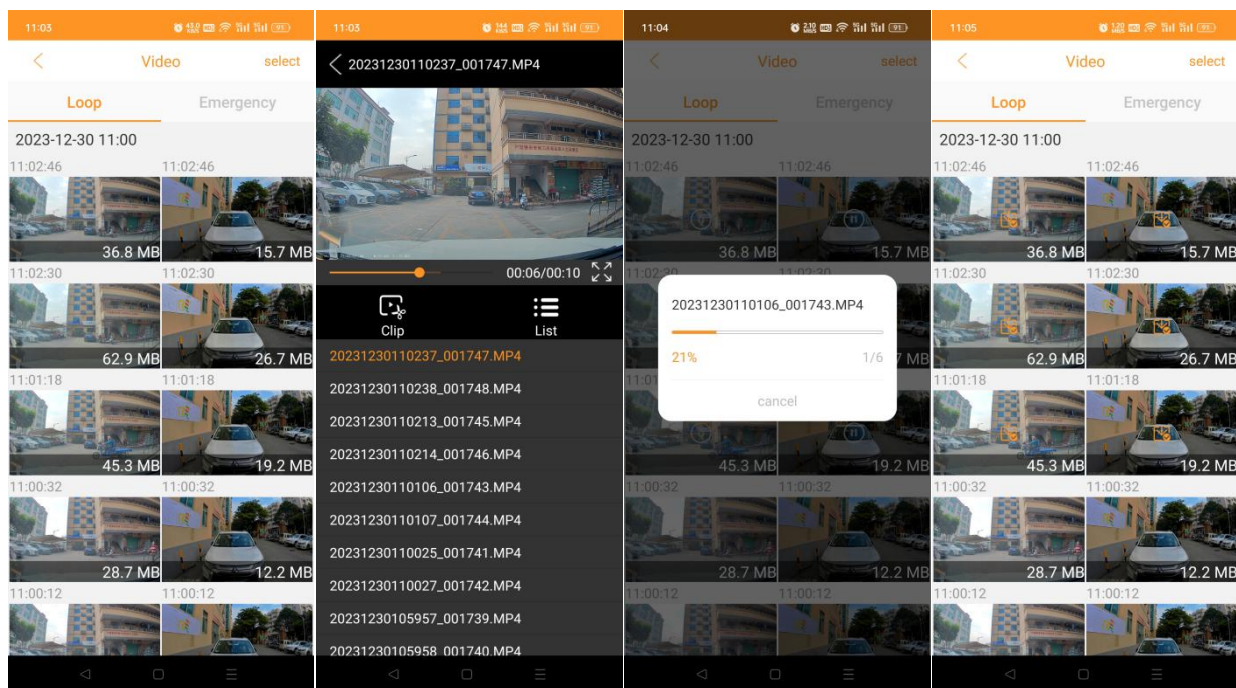
5. Open the App Road Cam, Click the “Camera” icon to connect the camera to the App. When you see your cameras SSID it means you have connected successfully.

In the App Preview mode, press the cog or  settings icon on the top right corner to enter if you want to make any changes with the camera setup.

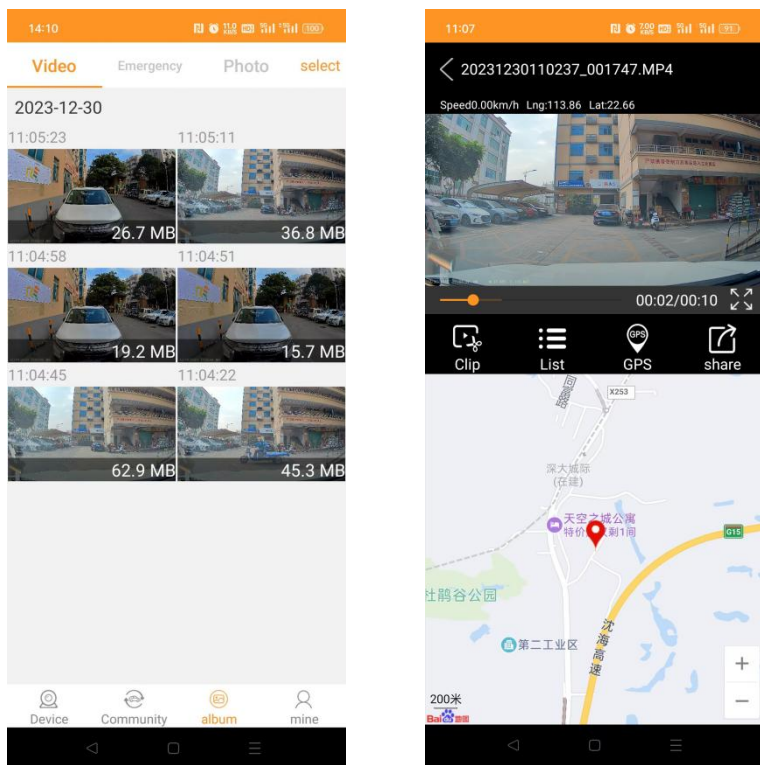


6. Tap on Video icon to access all recorded videos saved in the Micro SD card.

You can download, delete or even play videos from the app.



7. Downloaded video playback: can display GPS trajectory/longitude and latitude/speed.



GPS Player video playback

PC install GXPlayer player

Use a USB card reader to open the micro SD card directory on the computer, find the **gxplayerv1.3.3.exe** installation file, click and install.



Novatek



gxplayerv1.3.3.
exe



GXPlayer

Compatible with Windows (Win7, Win8, Win10)

Compatible with Mac (Mac 10.11, Mac 10.11 above)

Video folder

Find the **NOVATEK** folder and click open it. Select one of the recorded videos and drag them directly to the File column in the lower right corner of the **GXPlayer** interface.

Use GXPlayer

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



Reasons for different speeds

Why is the speed displayed by the Camera slow than the speed displayed by the car dashboard?

This is normal, because the factory setting speed of the car is about 3% slower than the actual speed. The actual speed of the vehicle is actually lower than the speed of the odometer. This is to improve safety and reduce the possibility of fines. This setting is applicable to vehicles and recorders all over the world. The speed calculation of the driving recorder comes from GPS, so it is an accurate driving speed.

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. (See page 4)

Q: Camera showing Memory Error

A: Please ensure that the memory card is U3 high-speed card (8GB-256GB) 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 the screen. (See page 5)

Q: Date and Time is not staying the same

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

Specifications

Model	M700A / M700B / M700C / M700AHD / M700P		
Processor	Novatek 96670		
Sensor Type	M700A	Front	Sony IMX335 / Galaxy GC4653
		Inside	Galaxy GC2053
		Rear	Sony IMX335 / NT0231,Ethernet Cam
	M700B	Front	Sony IMX415 / Galaxy GC8613 / Sony IMX335 / Galaxy GC4653
		Rear	Sony IMX335,Ethernet Cam
	M700C	Front	Sony IMX335 / Galaxy GC4653
		Inside	Galaxy GC2053
	M700AHD	Front	Sony IMX415 / Galaxy GC8613 / Sony IMX335 / Galaxy GC4653
		Rear	Galaxy GC2053,AHD Cam
M700P	Front:Sony IMX335 / Rear:Sony IMX335,Ethernet Cam		
Video Resolution	M700A (3 channel)	Front	4K 3860×2160p,24fps
		Inside	1080FHD 1920×1080p,24fps
		Rear	2K 2560×1440p,30fps
	M700B (2 channel)	Front	4K 3860×2160p,30fps
		Rear	2K 2560×1440p,30fps
	M700C (2 channel)	Front	4K 3860×2160p,24fps
		Inside	1080FHD 1920×1080p,24fps
	M700AHD (2 channel)	Front	4K 3860×2160p,24fps
		Rear	1080FHD 1920×1080p, 24fps
M700P (2 channel)	Front:4K 3860×2160p,30fps Rear:4K 3860×2160p,24fps		
LED	940 Infrared fill light,only supports M700A		
Video Code	H.265 video coding and MP4 video format		
Memory card	Micro SD U3 high-speed card,supports up to 256 GB		
Screen Size	2.0 inch IPS LCD		
WiFi Type	Built-in 2.4G WiFi module		
APP Name	Road Cam		
GPS	Built-in GPS module		
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 recording mode		
Menu Language	English,Simplified Chinese,Traditional,Chinese,French,Spanish,German,Italian,Japanese,Korean,Russian,Arabic,Thai,Turkish		
Installation	3M adhesive bracket		
Temperature	At work:-10 - 60 °C / In storage:-20 - 80 °C		
Product size	99.5×49.4×43.29 MM		
Power Supply	Internal	supports 300mAh battery or 5.5V 2.5F super capacitor	
	External	Input 12-24V, Output 5V-2A, car charger or parking monitoring power box	

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.