

QUICK START GUIDE

MAISI Smart Dashcam



PRIOR TO USE

Install the device near the rear-view mirror to obtain the best open-field view. Do NOT install it in a location that will obstruct your required driving view.

- * Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
- * Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots. Clean the lens on a regular basis.
- * Do not install on a tinted window. Doing so may damage the tint film.
- * Make sure that the installation position is not hindered by the tinted window.

CAUTION

- * Use the authorized car charger only.
- * Never disassemble or attempt repair of this product. Doing so may damage the camcorder, cause electric shock and void your product warranty.
- * Never short-circuit the battery.
- * Set up time and date accurately before you use this camcorder.
- * Exposing the camcorder to open flames can cause explosion.
- * Due to local laws and vehicles safety considerations, do not manually operate the camcorder while driving.
- * The supplier is NOT responsible for the loss of any data/content during operation.
- * Strictly observe relevant laws as this product cannot be used for any illegal purpose. The user is responsible for any legal matters.

Before you start using the Car Camcorder it is assumed that you agree to the above statements.

How to contact us?

If you come across any issue, please feel free to drop us a quick email at: maxtopuk@gmail.com (UK Customers) or maisideal@outlook.com (US Customers). We answer most emails within 12-24 hours. If you purchase from Amazon, you can contact us via Amazon Message as well.

1 Introduction

Thank you for purchasing this MAISI camcorder. This camcorder is specifically designed for real time video and audio recording when driving.

1.1 Features

- * Wide Dynamic Range Imaging (WDR)
- * HD Image 1920*1080
- * Up to 150 Degree Wide Angle Glass Lens &IR-Filter
- * Built-in G-sensor
- * Collision Detection
- * Emergency Recording File

1.2 Package Contents

The package contains the following items. In case there is any missing or damaged item, contact us immediately.

- * 1x Camcorder
- * 1x Mounting Bracket
- * 1x Power Charger
- * 1x USB Cable
- * 1x Quick Start Guide

1.3 Product Overview



NO.	ITEM	NO.	ITEM
1	USB: <i>Power/Mass Storage</i>	8	TF Card Slot
2	AV Output: <i>3.5mm connector</i>	9	Up Button (▲)
3	GPS: <i>NOT included</i>	10	Down Button (▼)
4	 Power Button	11	REC : <i>Record / Pause / OK</i>
5	M : <i>Menu / emergency recording Button</i>	12	MODE : <i>Recording/Picture/Playback</i>
6	Wide Angle Lens	13	HDMI Output
7	Speaker	14	Reset

Note:

* *Power Button: Press it once to turn on the camera, hold the press (2-3s) to turn off the camera, if the camera is in recording mode, press  to turn on the LED, press it again to turn it off.*

* *To go to Menu, make sure the camera is not recording. If the camera is recording, press REC to stop the recording then press **M** to go to Menu.*

* *Same rules apply (stop recording first) if you want to change the camera from recording mode to Picture Mode or Playback Mode.*

2 Getting Started

2.1 Inserting the Memory Card

Insert the memory card with the gold contacts facing the back of the camcorder. Push the memory card until it clicks into place.

To remove the memory card: Push to eject the memory card out of the slot.

Note:

1. *Do not remove or insert the memory card when the camcorder is turned on. This may damage the memory card.*

2. *It is recommended to use a 32GB, Class 10 or above micro SD card.*

3. *Please format the micro SD card prior to the initial use.*

4. *If the screen shows “Low Speed Card” while recording, it means the writing*

speed of the memory card is too slow. Please replace it with a higher-speed memory card.

2.2 Installing in Vehicles

2.2.1 Mount to windshield

A. Attach the bracket to the camcorder. Slide it into the bracket holder.

B. Before installing the bracket, please use alcohol to clean the windshield and suction cup of the bracket. Wait for dry and press suction-cup on the windshield.

C. Hold the base firmly on the windshield and press down the clamp to mount the car holder to the windshield. Make sure the base is securely locked in place.

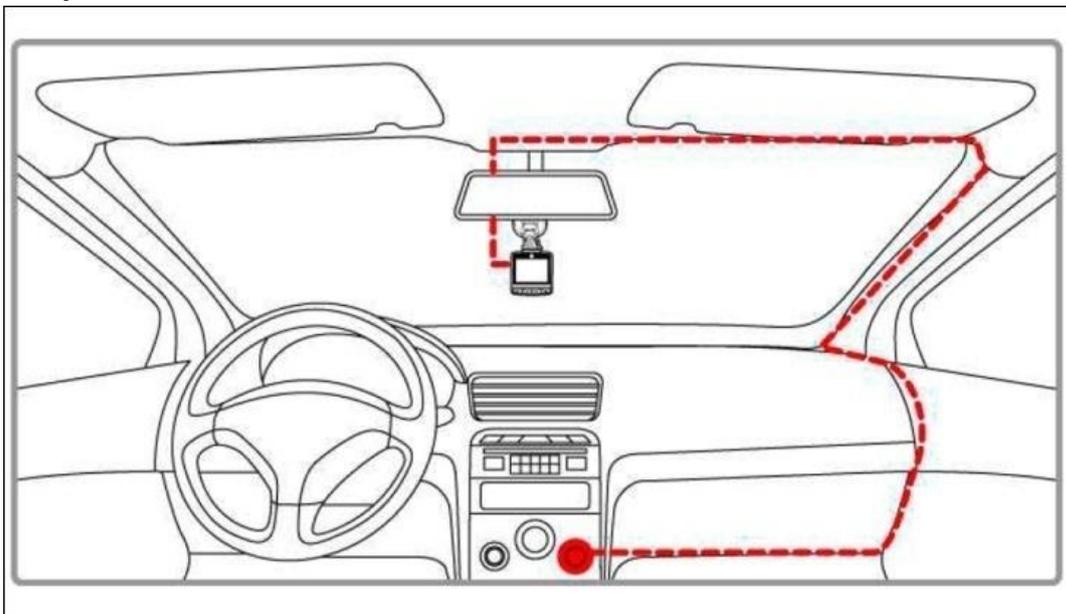
2.2.2 Adjust the camcorder position

A. Loosen the knob to swivel the device vertically or horizontally.

B. Then tighten the knob to make sure the camcorder is securely locked in place.

2.3 Connecting to Power

Use only the supplied car adapter to power up the camcorder and charge the built-in battery.



A. Connect one end of the car adapter to the USB connector of the camcorder. **USB port input: DC 5V / 1A.**

B. Plug the other end of the car charger to the cigarette lighter socket of your

vehicle. Once the vehicle engine is started, the camcorder automatically turns on. **Car charger input: DC 12 / 24V.**

Note:

- 1. Use the product with the supplier charger only, please do not use other power chargers to avoid camera burn or cause the battery explosion.*
- 2. When use this camcorder for the first time, please charging to battery full.*
- 3. Please note that if the ambient temperature reaches 45°C or above, the car adapter may supply power to camcorder, but it will not charge the Lithium-ion.*

3 To Use the Device as a Video Recorder

To access the Video menus, if the device powers on and is not automatically in Video mode, press **MODE** to the right of the screen until you are in Video mode (This  icon will show up on the top left corner of the screen) then press **M** (on top of the camera) for Setup.

Note: If camera is in Video Mode and it is recording (the red dot  blinking on top left corner), press **REC** to stop the recording first, and then press **M** to go to Menu. (Refer to Note on Page 3)

Resolution

After selecting the Resolution option, navigate among the list using **▲** and **▼** buttons (located to the left of the screen). Select the desired resolution from the list: 1080FHD, 720P, WVGA, VGA and press **REC** to confirm.

Loop Recording

Loop recording will allow continuous recording, as the camera records continuously over the previous footage and overwrites itself. You may set Loop recording to 2 Minutes, 3 Minutes or 5 Minutes.

Wide Dynamic Range (WDR)

Allowing the camera to use WDR technology automatically to adjust lighting features to enhance clarity and reduce glare. To access WDR settings, select the WDR option from the Menu and navigate using the **▲** and **▼** buttons to select On or Off. Press **REC** to confirm.

Power On/Off Delay (Available for Some Models Only)

Power on delay: Off/10s/20s/30s. If it is set at 10s, the camera will power on 10 seconds after you connect it to the power charger.

Power off delay: Off/10s/20s/30s. If it is set at 10s, the camera will power off 10 seconds after you disconnect the power charger.

Record Audio

Under this setting, you can choose whether to record audio or not. If set it to OFF, only video is recorded. If On, both audio and video are recorded. Press ▲ or ▼ to choose and press **REC** to confirm.

Date Stamp

If you set “Date Stamp” to On, then the date will appear on your footage when you are doing playback. Otherwise it will not show up on the playback.

G-Sensor

Under G-Sensor mode, when an impact is detected, the footage will be saved anyways. The G-Sensor prevents any recorded footage (during collision) from being lost or overwritten. To access G-Sensor settings, select G-Sensor from the Menu and use the ▲ or ▼ button to navigate settings: Off, 2G, 4G, 8G. The High settings (2G) will detect slight physical disturbance whereas Low (8G) will detect only major physical disturbance. Press **REC** to confirm and exit.

Date/Time

To set the time and date, use ▲ and ▼ to select and adjust the value and press **REC** to confirm. After setting the time and date, you can adjust the Date Format as well. Currently it supports YY/MM/DD, MM/DD/YY and DD/MM/YY.

Plate Number on Movie

To configure the license plate display to your journey, use ▲ and ▼ to choose the appropriate letter/number and **REC** button to confirm. Same way you set the date and time.

Auto Power Off

You can set the camera to automatically turn off after 3-5-10 minutes or you can simply turn off this function if you prefer.

Beep Sound

This refers to the sound when you press the button (on the camera), or the sound when the camera is powered up or shut down. You can turn them on or off. When beep sound is turned on, you can adjust the volume as well.

Language

You can choose the language from English, French, Spanish, Portuguese, German, Italian, Simplified Chinese, Traditional Chinese, Russian, or Japanese, etc.

TV Mode

For playback purpose, you can use the AV Out port (on the camera) to connect the camera with your TV via a HDMI cable. Depending on your country, choose either NTSC (National Television System Committee) or PAL (Phase Alternate Line). Press **REC** to save changes.

Frequency

Choose the correct frequency to avoid flickering. In United Kingdom, 50 Hz is widely used. However, in the United States, 60Hz is more common.

Screen Saver

This is usually used when you do not want the camera to distract your driving. The screen turns off but the recording continues. You can set the camera to turn off the screen after 3 minutes, 5 minutes, or 10 minutes. You can also choose to turn off this function as well, depending on your needs; in this case, the camera screen will remain on throughout the journey.

Lamp Setting / IR LED

This refers to the night vision LED in front of the camera. You can set it to on or off.

Note: if the camera is in recording mode  (or Picture Mode , see below), you can press  to turn on/off the LED.

Exposure

Changing the exposure value will make sure your pictures/videos are always correctly exposed. The bigger the value, the greater amount of light passes through the lens, and, the smaller the value, the less amount of light. You may set the exposure compensation to a higher value (i.e. +2.0) at nights and a lower value during daytime (i.e. -2.0) to achieve better performance.

Note: we set each camera at its optimal value so you do not actually need to adjust it unless otherwise advised.

White Balance

Auto, Daylight, Cloudy, Tungsten or Fluorescent.

In Auto mode, settings will adjust themselves to changes in lighting. In Daylight mode, settings will allow greater clarity for footage taken in daylight as with Cloudy settings for cloudy conditions. The Tungsten mode is best for basic indoor use. The Fluorescent mode adds brightness and warmth to the indoor image.

Format

This will completely erase the data on your memory card (so be aware of that).

Note: *Formation usually needs to be done when the card is not recording or camera starts to freeze. Make sure you back up all the data (if needed) before formation.*

Default Setting

Be prepared to erase all settings back to default if you choose this function. However, it will not result in any data loss on the memory card. Usually when the camera is reset back to default, it is having all the same settings as a brand new unit.

Version

This allows you to check the current firmware version of the device. You should always check on this before you want to upgrade the firmware.

4 To Use the Camera for Taking Pictures ONLY

If you want to use the camera to take pictures only (not record), then you can change it to the Picture Mode. To enter the Picture Mode, press **MODE** to change, in Picture Mode, you can see a camera icon like this  located to the top left corner of the screen.

NOTE: If camera is in Video Mode and it is recording (the red dot  blinking on top left corner), press **REC** to stop the recording first, and then press **MODE** to go to Picture Mode.

To access the menus for Picture Mode, press **M** twice on the top of the camera.

Picture Resolution:

This allows you to choose your desired resolution for the pictures taken. You can move between the resolution options using  and  buttons, and press **REC** to confirm.

Capture Mode: Single, 2S Timer, 5S Timer and 10S Timer

This setting allows you an extra amount of time (usually 2/5/10s) for taking pictures after the **REC** button is pressed. You can also set it to Single, if you wish to take pictures in real time manner. No need to wait.

Sequence:

The sequence function allows you to take 3 images within 1 second. Three photos will be taken after you press the **REC** button.

Quality:

The quality settings allow you to adjust the picture quality by enabling a certain amount of light to pass through a unit area of the lens. You can set it to Fine, Normal or Economy.

Sharpness:

This feature enables the camera to take pictures with more or less sharpness. In other words, the camera will increase or decrease pixel proximity (compressing the image for clarity), depending on the settings you choose.

Color:

To change the color of images, use ▲ or ▼ button to choose among Normal, Black & White, or Sepia (reddish brown effect), and press the **REC** button to confirm.

Date Stamp: Off, Date, Date/Time

This function decides whether the date/time will show up on your pictures or not. Off means nothing will show up on the pictures; Date means only date will show up on the pictures; Date/Time means both date and time will show up on the pictures.

5 Accessing, Lock, Unlock and Deleting Files

How to Access Files?

To view files on the camera, press **MODE** to enter the Playback Mode. Use ▲ or ▼ button to navigate among videos and pictures, press **REC** to confirm. Press it again to play the file.

How to delete a file?

Press **REC** to stop the playback first, and then Press **M** to bring on the Menu below:

- 1 Delete
- 2 Protect
- 3 Slide Show

Choose Delete and press **REC** to confirm. You should see this:

- 1 Delete Current
- 2 Delete All

Choose your desired option and press **REC** to see this:

Erase This? – Cancel, or OK?

You can choose OK and confirm the action. Press **M** to exit.

Note: *If a file is locked (protected), you will not be able to delete it unless you unlock the file first.*

How to lock a file?

Make sure the camera is in Playback Mode, use ▲ or ▼ button to choose your desired file, then press **REC** to confirm, press **M** to bring on the menu below:

- 1 Delete 2 Protect 3 Slide Show

Choose Protect and press **REC** to confirm and bring on the options below:

- 1 Lock Current 2 Unlock Current 3 Lock All 4 Unlock All

Choose Lock Current and press **REC** to confirm. Press **M** to exit.

How to Use Slide Show?

Make sure the camera is in Playback Mode, use ▲ or ▼ button to choose any of the files, then press **REC** to confirm, press **M** to bring on the menu

below:

1 Delete 2 Protect 3 Slide Show

Choose Slide Show and press **REC** to confirm and bring on the next menu:

2 seconds, 5 seconds, 8 seconds

Choose any of the desired option above and press **REC** to confirm.

How to Access the Files on Computer?

To access the files through a computer, connect the Dash Camera to a computer via a USB cable (provided in the package). Check on-screen options on the camera (if prompt) and choose “Mass Storage”, press **REC** to confirm. The device will then show up as a Removable Disk on your computer. It normally contains folders in the names of Movie, Photo, etc. Each folder contains files that were previously stored to the memory card. Those files may be moved, deleted, copied/pasted as per your needs.

NOTE: *If the file is locked (protected), you won't be able to edit it on your computer, you need to unlock the file first.*

6 Specifications

Sensor: 3M CMOS Sensor

Solution: NOVATEK 96650

Lens: Fixed focus lens

Zoom: 4 x digital zoom

LCD Display: 2.7 inch 16:9 TFT LCD

Lens Angle: 150 degree wide angle lens

Night Video: Enhanced led lights

Video Output AV (SVBS):

1 Composite TV signal output NTSC/PAL. 2 High definition TV terminal interface: HDMI output

Picture: JPG file format Maximum output pixel: 5.0 Mega Pixels

Video Resolution: 1920x1080, 30 fps 1280x720, 60 fps; 848 x 480, 30fps; 640x480p, 30fps

Audio: Built-in Microphone/Speaker (AAC)

Codec: MPEG4

G-Sensor: Support

Memory External Media: SDHC Supports 64 GB Max, micro SD card (NOT Included)

Interface: Mini USB/HDMI/AV/Micro SD Card Slot

Motion Detection: Support

Shutter: Electronic shutter

Battery: 3.7V 300mAh Poly

7 Frequently Asked Questions (FAQs)

What is the maximum allowed memory capacity for the camera?

While up to 64GB may be functional, we guarantee only up to 32GB micro SD Card "Class 10" rating as the maximum allowed capacity for the moment.

Why my camera freezes a lot?

If the camera freezes, you can use a pin to press on the reset button. You may replace the memory card as in most cases it is related to the card. You can contact us if the issue cannot be fixed at your end, we will seek possible firmware update for you. If you received a faulty unit we can replace it for you.

How do I know the camera is recording?

You'll notice three changes when the camera is recording. 1) The blue light on the top left of the unit will blink. 2) The round dot icon on the top left of the display will flash red. 3) There is a counter on the top right of the display, and the numbers will be increasing identifying how long the file has been recording

Why isn't the video/picture clear?

- * Go to Resolution Setting and make sure you choose the highest resolution.
- * Make sure the lens film is removed prior to use.
- * Make sure there are no fingerprints, dirt, or water on the lens, and clear the camera lens using a piece of wet cloth on regular basis.

I cannot get to the settings menu?

Make sure the camera is not recording and press the top right button (**M**) to get to the first setting screen. Repeat to get to the second screens.

What is "Loop Recording"?

All of our dash cams are currently utilizing the loop recording system. Loop recording is when the camera automatically deletes the oldest dated files to make room for new recordings i.e. the camera may be deleting recorded files from last Tuesday when you're driving on Sunday morning.

Why won't the camera auto-start?

- * Check if the Power On Delay is turned on, you should turn it off
- * Disable the motion detection

Is there an “Emergency” button to start recording and save on demand on the dash cam?

Yes. Just press **M** once (when the camera is recording) to achieve this function. A key icon will show up just next to the counter on the top right corner. Press **M** again to stop the emergency recording. This recording will not be overwritten.

What is a "G-Sensor" feature on a dash camera?

A "G Sensor" is a feature / setting that allows a specific video file that is actively being produced / recorded to be "locked" and protected from becoming deleted as the camera continues to record video while in "loop". Cameras have low, medium and high settings. If the setting is set too high then the camera may "lock" files every time you come to a quick stop or run over a pothole. The G-Sensor setting must be used cautiously and experimented with for each driver and vehicle. It is suggested that a new dash cam owner drive with it off or in the low setting in order to get a "feel" for how it functions in a particular vehicle and driving style.

Under G-Sensor Setting, which one is more sensitive: 2G, 4G, or 8G?

2G is much more sensitive than 8G, you can set it at 8G when you start to use it.

Why I was unable to delete video files on my computer?

Make sure those files are not protected. The following files are NOT removable:

Videos footage that were recorded by G-Sensor

Video footage that were recorded by Emergency Recording

In order to delete those files, make sure to unlock them first.