M8001 Starlight Grade Mirror Dash Cam
User Manual & Product Warranty Card

Safety Instructions
· Do not operate this product while driving.
· Do not use this product in humid or extreme temperature conditions.
· Do not expose this product to high temperatures or direct sunlight for extended periods; overheating may damage the product or shorten its lifespan.
· Use the original car charger. Using a non-original charger may cause damage or danger to the product and will void the warranty.
· Ensure that the car's power supply is within the current range of the car charger to avoid damage or danger to the product and voiding the warranty.
· Do not touch the product and its accessories with wet hands to avoid short circuits.
· In case of product malfunction, contact the local product distributor. Self-disassembly, repair, or modification will void the warranty.
· This product should be fixed in the position of the car's rearview mirror and not placed arbitrarily in a way that is not secured, or where it may obstruct the driver's view.
· Avoid installing this product in the location of the airbag and areas that may be affected by airbag deployment.

Disclaimer
· In certain circumstances, the recording results may not be satisfactory, such as when the lighting is too strong, the environment is too dark, or car lights directly shine on the license plate or lens, causing glare or overexposure.
· A darkened car windshield may result in poor or distorted recording quality.
· Some minor collisions may not trigger automatic recording.
· In the event of a major accident causing instant power loss or product damage, the incident may not be recorded or saved.
· GPS signals are transmitted from satellites in other countries. Weather conditions, environmental obstructions, or satellite malfunctions may indirectly affect the device's functionality by causing poor signal reception.
· Consumers should back up their memory card data before sending the product for repair. MASIGO does not compensate for data loss during the repair process.
· Since speed cameras may be removed, relocated, or new cameras installed, MASIGO does not guarantee the accuracy or completeness of speed camera data.
· The power cables used for the dashcam should be installed by professionals. Please consult with certified technicians before installation. MASIGO is not responsible for any damage or injury caused by self-installation.
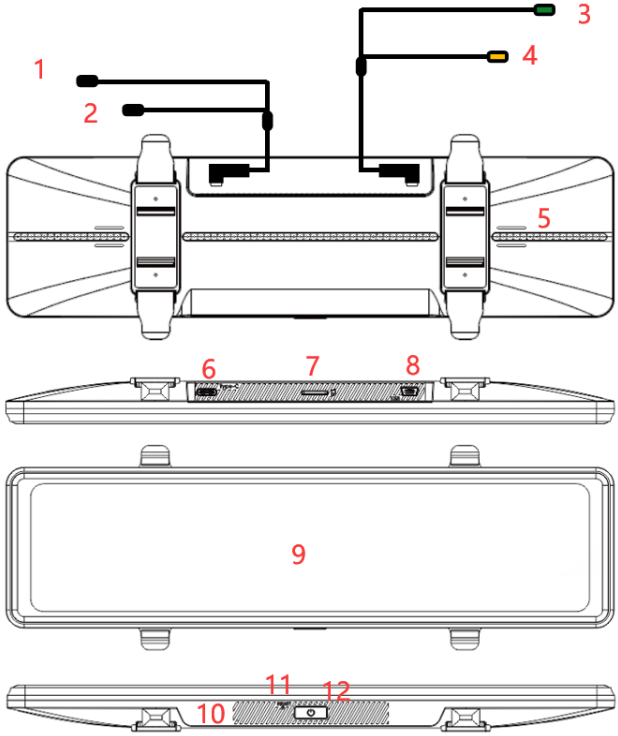
Product Introduction
Package Contents
· M8001
· Host Strap
· GPS & Power Y-cable
· Front Camera & Rear Camera Y-cable
· External GPS Antenna
· Car Charger
· Front Camera
· Rear Camera Kit (including Rear Camera, Rear Camera Transmission Cable, Iron Bracket Pack)
· User Manual + Product Warranty Card

Product Appearance

1.Car Charger Port
2.GPS Antenna Port
3.Rear Camera Transmission Cable Port
4.Front Camera Port
5.Speaker
6.Front Camera & Rear Camera Y-cable Port
7.Memory Card Slot
8.GPS & Power Y-cable Port
9.Touch Screen
10.Microphone
11.Reset Button
12.Power Button

Installation Instructions

Installing the Memory Card
· This device requires a memory card (to be purchased separately by the user) to record and store videos.
· Please insert the memory card into the device following the direction indicated by the arrows, and press downward to install it securely into position.
· To ensure proper functionality of the memory card with this device, perform formatting on the memory card before its initial use. Formatting will delete all data on the memory card.
· Power off the device before inserting or removing the memory card. Avoid removing the memory card during video recording to prevent potential file corruption. Gently press the memory card to eject it when removing.
*Note: It is recommended to use a U3 or higher grade memory card with this device. Due to variations in memory card types and quality, compatibility with all brands cannot be guaranteed.
*Note: Memory cards are consumable items with a limited lifespan based on read/write cycles. Regularly check and format the memory card to ensure data accuracy, as this device performs frequent read/write and deletion operations.

Install the Main Unit
1. Connect Y-cables: Connect the GPS & Power Y-cable (Mini USB connector) and the Front Camera & Rear Camera Y-cable (Type C connector) to the grooves on the top of the main unit first, for subsequent installation of the main unit.

2. Secure the electronic rearview mirror: Place the main unit flat against the car's rearview mirror. Use straps to hook the two fixing hooks on the back of the main unit, securely installing it on the rearview mirror.
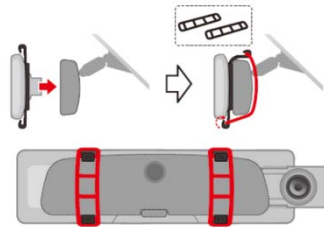

3. Connect Power & GPS Antenna: Take out the car charger cable and GPS antenna. After measuring the appropriate placement positions, connect the connectors respectively to the Mini USB terminal of the GPS & Power Y-cable and the GPS socket.
*Note! The front side of the GPS antenna must face up, with the adhesive side facing down. Pay attention to whether there are opaque obstructions above this position that may affect signal reception. 。

(Diagram showing correct/incorrect placement of GPS antenna)

4.Connect the front camera: Prioritize safety and ensure it does not obstruct the driver's view. The recommended position for the front camera is behind or near the rearview mirror. After measuring the position and applying the electrostatic sticker, firmly attach the front camera onto the sticker. Connect the terminals of the front camera to the matching colors on the Y-cable. Once confirmed, rotate the securing ring on the mounting bracket to secure it tightly, preventing it from coming loose due to vibrations.
*Note! After tightening the securing ring on the mounting bracket, consider using black EVA tape to wrap it again to prevent any noise caused by the bracket hitting the interior trim panel after wiring.

5. Install the rear camera kit: The rear camera is recommended to be installed in the center slightly above the rear windshield. Connect the rear pull wire to the corresponding colors on the Y-cable. Once confirmed, rotate the securing ring on the mounting bracket to secure it tightly, preventing it from coming loose due to vibrations.
This device features a reverse image display function; connect the red trigger wire on the rear pull wire to the car's reverse light to obtain the reverse signal.
*Note! If there is a need to install the rear camera outside the vehicle, ensure that the accessories include an external installation bracket (iron bracket pack) for replacement, enabling outdoor installation.

【雙鏡頭車內佈線示意圖】
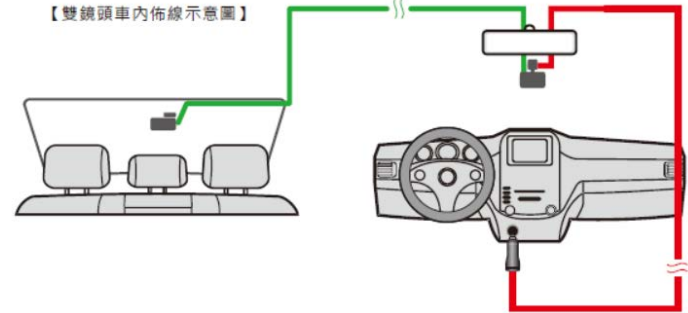
Basic Operations

Power On/Off

· After installation, the main unit will automatically turn on when the car engine starts; it will automatically turn off when the engine is turned off.
· When the main unit is already on, you can turn it off by pressing and holding the power button for 3 seconds; conversely, you can turn it on again by pressing and holding the power button for 3 seconds.
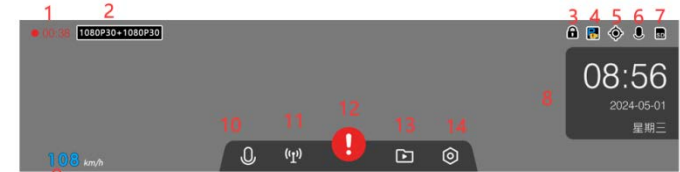
Power Button

· When the unit is on, briefly press the power button once to turn the screen display on or off.

Gestures

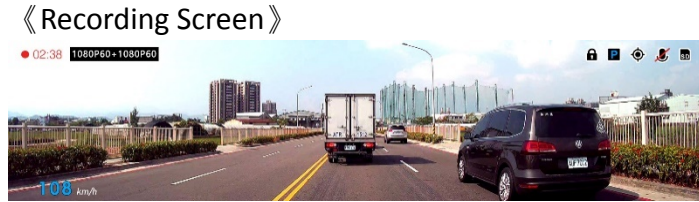This device uses a touch screen, and the following gestures will be used during fingertip operation.

	Sliding (up, down, left, right)	Adjust, switch
	Single tap	Select, execute, play, wake menu
	Long press 1 second	Camera switch mode, reverse setting mode
	Double tap	Wake sleeping screen

Recording Screen Diagram

1.Recording Duration	6. Microphone Status
🔴 : Red, normal	🎤 : On, recording
🟡 : Yellow, event	
2. Resolution	🎤 : Off, no recording
3.Protected Files: Auto/Manual lock	7.Memory Card Status
4.Parking Surveillance	
: Impact Detection	SD : Inserted
: Time Lapse	SD : Not found
: Low Bitrate	8. Date and Time
5.GPS Status	9. Speed
	10. Toggle Mic
	11. Wi-Fi Mode

Flashing: Locating	12. Manual Event Recording/Photo
Solid: Located	13. Playback Mode
	14. Settings Menu

《Recording Screen》

	Sliding (left, right)	Adjust Brightness
	Sliding (up, down)	Adjust Image Height
	Single tap	Summon Main Menu
	Long press 1 second	Display Slide Guide

《Camera Switch Mode》

· Long press for 1 second on the recording screen to enter this mode, accompanied by the appearance of the slide guide
· Stay in this mode for more than 2 seconds to automatically return to recording mode.

	Sliding (up)	Switch to Front Camera
	Sliding (down)	Switch to Rear Camera
	Sliding (lef)	Switch to Split Screen (Front + Rear)
	Sliding (right)	Switch to Split Screen (Rear + Front)

《Reverse Camera Display Mode》

· Connect the red trigger wire from the rear camera transmission cable to the reverse light; once installed, this function is enabled.
· After starting the car, while on the recording screen, shift into reverse (R), and after 1 second it will automatically enter this mode; shifting out of reverse will

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automatically return to the recording screen.

	Sliding (up, down)	Adjust Image Height
	Long press 1 second	Display Slide Guide

· If the default "Parking Assist lines" appear too wide or not in the correct position, long press for 1 second to summon the slide guide. Use it to adjust the style and vertical position of the "Parking Assist lines." Alternatively, access the menu to disable the Parking Assist lines.
· Stay in this state for more than 2 seconds to automatically return to the Reverse Camera Display mode.

	Sliding (left, right)	Switch Parking Assist Line Style
	Sliding (up, down)	Adjust Parking Assist Line Position

《Screen Saver/HUD Mode》

· Setup Menu → Screen Saver → 10 seconds, 30 seconds, 1 minute.
· You can select the seconds to enter Screen Saver mode from the menu, or press the power button once to enter Screen Saver mode directly.
· In Screen Saver mode, the screen returns to a regular mirror, while the recording function continues running in the background.

	Double tap	Wake sleeping screen

· Setup Menu → Screen Saver → HUD
· In the recording screen, wait for 10 seconds to automatically enter HUD mode.

	Single tap	Wake sleeping screen

《Wi-Fi Mode》

· Single tap on the recording screen to summon the main menu.
· Tap the Wi-Fi icon in the main menu to stop recording and enter Wi-Fi mode.

《Playback Mode》

· Single tap on the recording screen to summon the main menu.
· Tap the Wi-Fi icon in the main menu to stop recording and enter Wi-Fi mode.

	Single tap	Execute the function displayed on the screen

Recording Function Description

Normal Recording

When the device is connected to the car charger and plugged into the car cigarette lighter socket (ensure the socket is functioning properly), it will automatically turn on and start normal loop recording after the car is started.
· While recording, tap the settings menu to manually stop recording and enter the menu; tap the home icon to immediately return to the recording screen and resume normal loop recording.
· Normal recording files are unprotected. When the memory card is full, the device will overwrite the oldest normal recording files first.

Event Recording/Photo

· When the car experiences a severe impact, vibration, or sharp turn, the device will automatically initiate event recording and event photo capture.

· During normal recording, tap the event recording/photo icon to manually start event recording/photo capture.

Parking Surveillance Recording

· Parking Surveillance Recording requires a constant power source. It is recommended to have a professionally installed power line with low-voltage protection to prevent draining the car battery during use.
· By default, Parking Surveillance Recording is set to [Off]. Navigate to [Setup Menu] > [Parking Surveillance] > Choose the desired monitoring mode.
· To ensure proper functionality, after enabling Parking Surveillance, it must be paired with an external power source (power cord or portable power bank) to activate correctly. If no external power is detected, the device will automatically power off after the engine is turned off.
· Once activated, the surveillance function will continuously monitor the environment with high sensitivity. If it detects ten minutes of inactivity, it will automatically switch to Parking Surveillance Standby Mode.

Parking Surveillance	Standby Mode	After Anomaly Trigger
Time Lapse	Continuous Time Lapse Recording	Return to normal recording after 5 seconds, file locked.
Low Bitrate	Continuous Low Bitrate Recording	Return to normal recording after 5 seconds, file locked.
Impact Detection	No Recording	Start recording on startup, file locked.

Setup Menu Description

· **Format memory card**：This function will format the memory card and delete all data.
· **Time & Date**：Set the system date and time.
· **Time Zone**：Set the current time zone. The system will automatically adjust the time and date using GPS. Taiwan's time zone is +08:00.
· **Speed Units**：Set the speed unit.
· **Language**：Set the system language.
· **PIP Display**：Switch the screen display content. The default is the rear camera view.
· **Screen Saver**：Set a fixed time for the screen to automatically turn off or display the HUD screen.
· **Screen Brightness**：Adjust the screen brightness. 0% is the base brightness, and the higher the percentage, the brighter the screen.
· **Reverse Camera Display**：When the car is in reverse gear, the screen automatically switches to the preset view.
· **Reverse Assist lines**：Display parking assist lines in the center of the screen during reverse camera display.
· **Screen Touch Tone**：Turn on/off the sound effects when touching the screen.
· **Frequency**：Adjust the frequency according to the local mains electricity. Taiwan's frequency is 60Hz.
· **Default Settings**：Reset all settings to factory defaults.

・**System Version**：View the current system version and speed camera database version.。

Video Menu Description
・**Resolution**：View/set the current supported recording resolution.
・**Video Length**：Choose the length of each video segment [1], [3] minutes.
・**Video Format**：Choose between [MP4] and [TS] recording formats. MP4 is a universal format supported by most players; TS is a special format that prevents corrupted files if recording is interrupted, but it is less widely supported.
・**Micphone**：Enable or disable the microphone for audio recording.
・**G-Sensor**：Adjust the G-sensor sensitivity [High], [Medium], [Low], [Off]. Improper settings may cause frequent file locking; lowering sensitivity is recommended.
・**Plate Stamp**：Enter the license plate number to display a watermark on recorded videos.
・**Parking Surveillance**：Continue to monitor vehicle status with parking surveillance recording when the vehicle is parked.
・**Mirror Display-Rear**：Available only when the main unit detects the rear camera connection. Flip the rear camera image horizontally to display a mirror image, similar to reverse camera display.
・**Rotate Display-Front**：Flip the front camera image vertically.
・**Time & Date Stamp**：Display a timestamp watermark on recorded videos.
・**Model Number Stamp**：Display the product model number watermark on recorded videos.
・**GPS Stamp**：Display GPS coordinates watermark on recorded videos.
・**Speed Stamp**：Display speed watermark on recorded videos.
*Note: Menu contents may vary depending on the product's hardware support.

Speed Camera Menu Description
・**Speed Camera Alerts**：Set the speed camera alert function.
・**Speed Camera Icon**：Set whether to display the GUI icon during speed camera alerts.
・**Overspeed Alert**：Set whether to emit a warning sound when the driving speed exceeds the speed limit.
・**Speed Camera Volume**：Set the volume for speed camera alerts.

Speed Camera Alerts
If the model you purchased supports speed camera alerts, the device will display a GUI icon and emit a warning sound when approaching a speed camera (based on the stored GPS coordinates of speed cameras). The screen will show various information, including your driving speed, speed limit, type of speed camera, and distance.
Speed camera alerts, speed camera icons, overspeed alerts, and speed camera volume can be set in the menu.
*Note: When the speed camera alert is set to [Off], the speed camera icon and speed camera volume will automatically turn off.
Speed camera alerts are for reference only; drivers should always comply with actual traffic speed limit regulations.

Updating Speed Camera Data
Due to the possibility of speed cameras being removed, relocated, or new cameras being installed, MASIGO does not guarantee the acquisition of all types and locations of speed camera data. However, speed camera data will be periodically updated in new software versions. Please visit the MASIGO website to download the latest updates.
https://www.masiauto.com/tw/download

Establishing Wi-Fi Network Connection
If the model you purchased supports Wi-Fi, you can connect it to your smartphone. Once your phone has the MASIGO Mirror Dashcam Viewer app installed, you can use the Wi-Fi connection to view and download videos from the device.
How to Establish a Wi-Fi Network Connection
1.Search for "MASIGO Mirror Dashcam Viewer" in the Apple Store or Google Play Store to download the app. Alternatively, scan the QR codes below to download the app.

IOS下載　　　Android下載

Android：
https://play.google.com/store/apps/details?id=com.masigo.MirrorDashCam
IOS：
https://apps.apple.com/tw/app/masigo-mirror-dash-cam/id6472710472

以上網址是製作 QR Code 用，不用寫進說明書

2.Enable Wi-Fi on the Device
Tap the Wi-Fi icon in the main menu to enable this feature. The Wi-Fi settings screen will display the device's network name (SSID: MASIGO xxxx) and password (Password: xxxxxxxx), as shown in the image below.

3.Open the Wi-Fi settings on your smartphone, search for and select the device (MASIGO_xxxx), then enter the password (xxxxxxxx) to start the connection.
*Note: The actual Wi-Fi setup options and methods may vary depending on your phone model. Please refer to your phone's manual for precise instructions.
4.Once the Wi-Fi connection is successful, you will see the following screen. You can then open the MASIGO Mirror Dashcam Viewer app on your smartphone to view and download videos.

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・We recommend downloading the latest version of the user manual and software from the MASIGO official website for optimal user experience. Any errors, differences, or omissions between the product and the manual do not incur any compensation liability on our part.
・For product warranty information, please refer to the MASIGO official website. Actual product warranty terms are subject to the announcements on the official website, and any modifications will not be separately notified.

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FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: 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.
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.