



**f790**

**Car Camcorder**

行車記錄器

**User Manual**

使用手冊



**f790**

**Car Camcorder  
User Manual**

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## About this Guide

The content in this document is for information purpose and is subject to change without prior notice. We made every effort to ensure that this User Guide is accurate and complete.

However, no liability is assumed for any errors and omissions that may have occurred.

The manufacturer reserves the right to change the technical specifications and accessories without prior notice.

## Notes on Installation

1. Do NOT setup the camcorder while driving or while the vehicle is in motion. Please stop at a safe place before adjusting or installing.
2. Install the camcorder above the rear-view mirror to obtain the best open-field view. Do NOT install the camcorder in a location that will obstruct your required driving view.
3. Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
4. 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.
5. ONLY use the adapter in the package to power-on the camcorder. Do NOT use other brand adapter to avoid the unit burned or damaged.

## Regulatory notices

This document provides country- and region-specific non-wireless and wireless regulatory notices and compliance information for your product. Some of these notices may not apply to your product.

Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.

## CE Regulatory Notice

The product herewith complies with the requirements of CB IEC 62368-1:2014, EMC Directive 2014/30/EU and the RoHS Directive 2011/65/EU.

## WEEE Notice

### Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union



WEEE



Battery

This symbol on the product or on the packaging indicates that this cannot be disposed of as a household waste. You must dispose of your waste equipment and/or battery by handing it over to the applicable take-back scheme for the recycling of electrical and electronic equipment and/or battery. For more information about recycling of this equipment and/or battery, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

## Caution

- ❖ Never disassemble or attempt repair of this product. Doing so may damage the camcorder, cause electric shock and void your product warranty.
- ❖ 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 values displayed in this system, such as speed, position, and the distance warning to the speed camera set points, may be inaccurate due to the influence of surrounding environment. They are for your reference only.
- ❖ HP Inc. Company is NOT responsible for the loss of any data/content during operation.

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

# 1 Introduction







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

## 1.1 Features

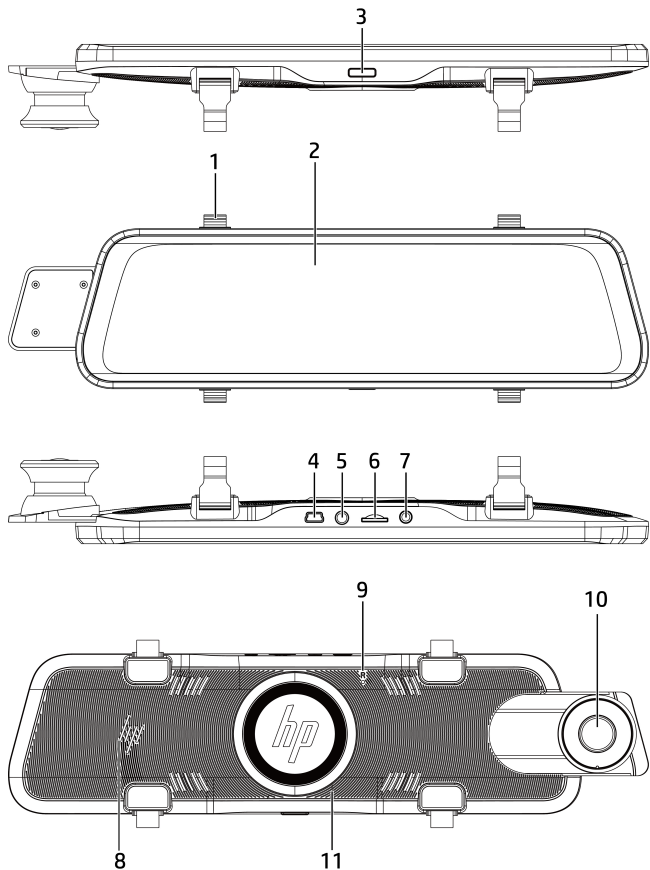
- Built-in super capacity
- Full HD 1920\*1080
- 9.35" big touch displayer
- F/2.4 aperture
- Collision Detection
- Emergency Recording File
- Parking Mode (supports time-lapse recording)

## 1.2 Package Contents

The package contains the following items. If there are any missing or damaged items, contact your dealer immediately.

Car Camcorder		Rubber Band	Car Adapter
			
User Manual	External GPS (option)	Rear Camera (option)	
			

## 1.3 Product Overview



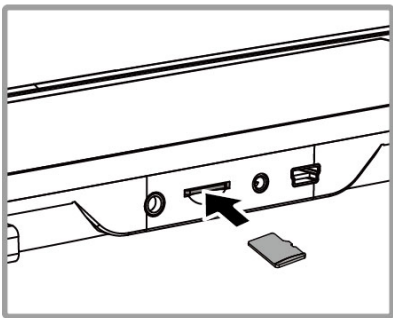


No.	Item
1	Rearview mirror clip
2	Touch LCD Screen
3	Short press: LCD on/off Long press: Power on/off
4	USB port: Car power adapter connection
5	A/V port: Rear Camera connection (option)
6	MicroSD memory card slot
7	GPS port: External GPS connection (option)
8	Speaker
9	Reset
10	Lens
11	Microphone

## 2. Getting Start

### 2.1 Insert 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. (Use V30 or greater speed micro SD cards for this camcorder; It is recommended to format the micro SD cards before the initial use.)



#### To remove the memory card

Push the edge of the memory card inward until you hear/feel it click, then allow it to push out until you can remove it from the slot.

Note:

1. Do not remove or insert the memory card when the camcorder is powered on. This may damage the memory card.
2. Use V30 or greater speed micro SD cards and capacity higher than 16GB for this camcorder (support up to 128GB).
3. It is recommended to format the micro SD cards before the initial use.
4. Please periodically format the memory card(suggest once per month).
5. Use memory card higher than 64GB, please use the camcorder to format the memory card before initial use.
6. Memory card has certain usage life. Long use may lower down write-in speed and failure saving. In this case, we recommend you to purchase new memory card.

## 2.2 Install in Vehicles

1. Clip on to your original car mirror.



2. Circle the clip with the band.



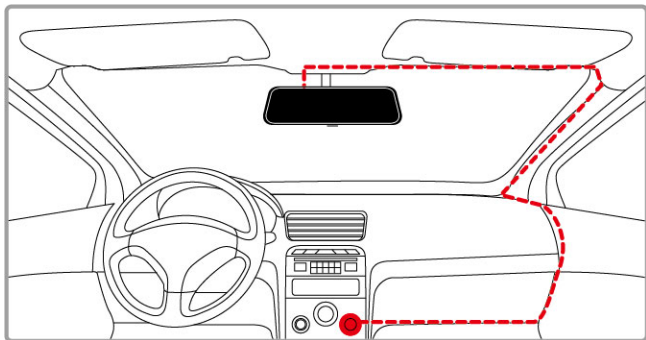
3. Adjust the camcorder lens.

**Note:**

Image shown here is for installation illustration. The outlook may differ from what you purchased.

## 2.3 Connecting to Power

Use only the supplied car adapter to power up the camcorder.



1. Connect one end of the car adapter to the USB connector of the camcorder. USB port input: DC 5V / 2A.
2. Plug the other end of the car adapter to the cigarette lighter socket of your vehicle. Once the vehicle engine is started, the camcorder automatically powers on. Car adapter input: DC 12 / 24V.

**Note:**

Use only the supplied car adapter. DO NOT use the other brand of car adapters, otherwise it may cause the product mal-function.

## 2.4 Powering the Camcorder On / Off and Reset

### 2.4.1 Auto Power On/Off


Once the vehicle engine is started, the camcorder automatically powers on. And the recording will automatically start.


Once the vehicle engine shuts down, the camcorder automatically saves the recording and turns off the power.

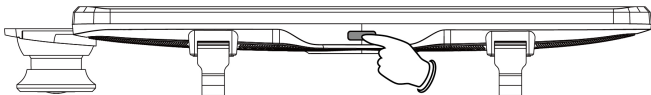
Note:

Automatic power up and shut down assumes the power socket is linked to the car ignition.

### 2.4.2 Manual Power On/Off

To manually turn on the power, press the  **POWER** button.

To turn off, long press the  **POWER** button.



### 2.4.3 Reset the camcorder




To reset, use a pin to insert **RESET** hole and hold for at least 3 seconds.

## 2.5 Initial Settings

### 2.5.1 Set the Date and Time

We recommend to set up date and time before initial use.

To set the correct date and time, do the following:

1. In the recording screen, tap  button to stop recording.
2. tap  to enter [Setting] page.
3. Use finger to slide the menu page and tap [Date/Time Setting] to set up.
4. Tap [+] [-] to change the number, and tap [OK].
5. Repeat 4 until all the value is set. Tap [OK] to return to menu page.
6. Tap  to return to preview screen.

Note:

To ensure accurate date/time stamped on the file, you are recommended to re-set up date/time if the car camcorder is not in use for over 7 days.

## 3. Using the Camcorder

### 3.1 Recording Videos

#### 3.1.1 Auto Recording

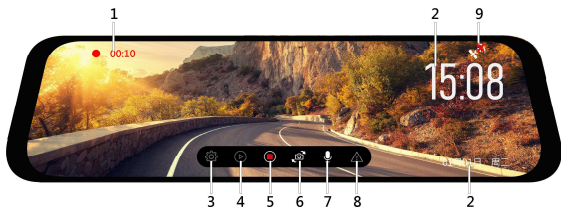
When the vehicle engine starts up, the camcorder automatically turns on and starts recording.

Recording will automatically stop when the engine is switched off.

Note:

1. On some cars, the recording will continue when the engine is switched off. If this happens, please manually turn off the cigarette lighter or remove the car adapter from the cigarette lighter.
2. It can be configured to save a video file for every 1 minute, 2 minutes or 3 minutes of recording.
3. The camcorder saves the recording in the memory card. If the memory card capacity is full, the oldest file in the memory card will be overwritten.
4. The camcorder is built-in super capacity. When the car engine starts up, please wait for a few seconds to charge the super capacity. After a few seconds, the camcorder will power on automatically.

### 3.1.2 Recording Screen



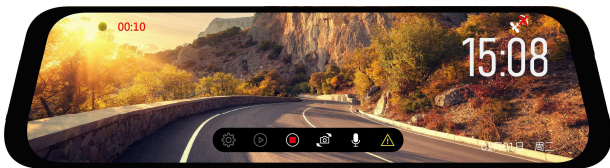
No	Icon	Item	Description
1		Recording length	Current recording length
2		Date/Time	Current recording date/time
3		Menu Setting	Setting menu
4		Playback	Playback recorded files.
5		Recording Start/Stop	Start or stop recording
6		Switch camera preview	Switch front camera and rear camera preview image. (Rear camera is option and not in the box. Please contact distributor for further purchase.)
7		Audio recording	Turn on/off audio recording
8		Emergency recording	In recording mode, use this icon to activate emergency recording and lock the file.
9		GPS status	If you have optional GPS accessory, when GPS is fixed, this icon will become



### 3.1.3 Emergency Recording

This Car Camcorder is equipped with a G-Force sensor. If the G-sensor function is enabled, when collision is detected, the camcorder will automatically trigger the Emergency Recording feature. The displayer will pop up [Lock Current File] string and the flash red dot on left upper side on screen will become yellow dot. The emergency recording files will not be overwritten by the normal loop recording files.

The file length of emergency is same as normal video interval time. Once it reaches setting time, the camcorder will resume to normal loop video recording.



**Note:**



1. The sensitivity of G-sensor can be adjusted in the Menu. Tap [Collision Sensitivity] to adjust Off, Low sensitivity, Medium sensitivity, High sensitivity. If choose Off, the camcorder will not auto activate emergency recording.
2. The emergency file is created as a new file and saved in Event folder, which will be protected to avoid being overwritten by normal loop recording.
3. The Event folder will occupy about 20% of available memory card capacity. When the space is full, the new emergency files will be overwritten the oldest files. Please make sure to backup important files anytime.

## 3.2 GPS (Option)

Plug the optional GPS accessory into GPS port on the camcorder. Once activate the GPS function, you can preview current car speed, speed cam ahead, and direction such information.



Note:


1. GPS function is limited in certain areas. Please contact dealer for details.
2. Once activate the GPS function, when GPS is positioned, the icon will change from white to blue .
3. If GPS broadcast is not working, please check Menu Setting . Make sure you turn on "GPS Broadcast".
4. Fixed speed cam alert is with white circle icon; regional speed cam alert is with yellow circle icon.
5. Speed cam alert is for reference only. It's not 100% accurate. Drivers are advised to follow the rules of road.

## 3.3 Rear Camera (Option)

Please power off the camcorder firstly, then plug the optional rear camera into AV port on the camcorder.







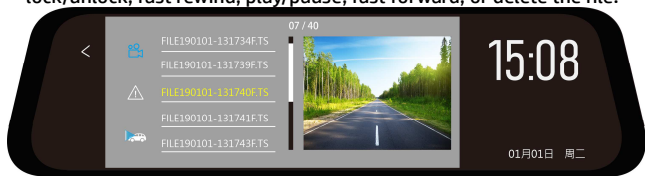
Note:

1. Preview image can be set as Front cam, Rear cam or Dual cam.
2. Rear camera doesn't support hot plug-n-play. Please power off the main camcorder before plug into rear camera.
3. Tap  icon to switch main camcorder and rear camera preview image.

## 3.4 File Playback

In the recording screen, tap  to stop recording and tap  to enter playback option.

1. Tap  to choose **Normal** recorded file list, or tap  to choose **Event** recorded file list for playback.
2. If optional rear camera is installed, tap  or  to switch front or rear camera file list.
3. When recorded file is playback, tap the icons below video to lock/unlock, fast rewind, play/pause, fast forward, or delete the file.






Note:

1. Deleted files CANNOT be recovered. Ensure the files you wish to preserve are backup before deletion.
2. Use dual camera recording, no matter you delete the FRONT file or BACK file, the other one will still exist and able to playback.

## 3.5 Parking Mode

To monitor the vehicle when it is parked, you can activate **Parking Mode**. Before activate Parking Mode, please seek for professional shop to install ACC cable in advance.

Follow the steps below to set up Parking Mode.




1. In the recording screen, tap  to stop recording and tap  to enter menu setting.
2. Slide the menu list and choose [Parking Mode] option.
3. Tap to choose 12 hours or 24 hours.
4. Tap  to return to preview screen.
5. When car's engine is turned off, the camcorder will automatically enter parking mode, and record videos by 1 frame per second. When the set up time of parking mode is reached, either 12 hours or 24 hours, the camcorder will power off automatically.
6. In Parking Mode, when collision is detected, the camcorder will automatically trigger the emergency recording and the file will be saved in Event folder. The emergency file's length is same as normal file's, and will not be overwritten by the normal loop recording files.

**Note:**

1. ACC cable is optional. Please consult the dealer for purchase and seek for specific professional store for installation.
2. The recorded files under Parking Mode are saved in the Normal folder.

## 3.6 Collision Detection

If the **Collision Detection** function is enabled, this camcorder begins emergency recording once it detects any collision. Sensitivity of the Collision Detection function is set to Middle by default, if user wants to change the settings of Collision Detection, do the following:

1. Tap  to stop recording and tap  to enter menu setting.
2. Slide the screen to choose Collision Detection option and tap to enter. Choose your favorite sensitivity level from the options, High, Middle, or Low. If you choose Off, then the camcorder will not trigger emergency recording any more.
3. Tap  to return to recording screen.

## 4. Adjust the Settings

In recording preview screen, tap  to stop recording and tap  to enter menu setting.

Refer to the below table for details on menu items and available menu options.

Menu	Description	Available option
Resolution	Setting of video resolution	1080p / 720p
Interval Time	Set the recording duration for each recorded video file	1 / 2 / 3 min
Sound Record	Enable/disable the voice recording	On / Off
Display Mode	To set up preview image	Front cam / Rear cam / Dual cam
Parking Mode	To set up recording time when car parks and engine off. *Subject to install ACC cable in advance.	Off / 12h / 24h
Date/Time Setting	Set the date and time	
Language	Set the on-screen display menu language	Simplified Chinese / Traditional Chinese / English
Flicker	According to local electronic power spec, set up correct frequency to reduce flicker on LCD.	60Hz/50Hz
LCD Power Save	Set up LCD auto off time. Choose "Off", the LCD will be always on. Choose "1min" or "3min", LCD will	Off / 1min / 3min

Menu	Description	Available option
	be off after 1 or 3 minutes if you don't operate the camcorder. (LCD off won't affect the video recording.)	
LCD Brightness	Adjust LCD brightness	Soft / Standard / Bright
Collision Sensitivity	The camcorder will automatically trigger emergency recording when tremor of a collision is detected.	Off / High / Middle / Low
GPS (note*)	If optional GPS is plugged, use this option to turn on or turn off GPS function.	On / Off
GPS Broadcast (note*)	If optional GPS is plugged, use this option to turn on or turn off oral GPS broadcast function.	On / Off
Volume	Adjust camcorder's key tone volume	1 – 10
Default Setting	Resets the camcorder to the initial factory default settings	Yes / No
Format SD-Card	Format the memory card	Yes / No
FW Version	Showing firmware version	

**Note:**

1. These function needs to pre-install GPS accessory. Once GPS accessory is plugged, the firmware will auto show up these two options.

## 5. Specifications

Item	Description
Image sensor	1/2.9" CMOS sensor
Effective pixels	1920 (H) x 1080 (V)
Storage media	Supports Micro SD class V30 or higher, capacity 16GB or higher (max. 128GB).
LCD display	9.35" touch panel
Lens	Wide Angle Fixed Focus lens
Focus range	1.5m~Infinity
Video	Resolution: Full HD 1920 x 1080 @ 30fps HD 1280 x 720 @30fps
	Format: .TS
Shutter	Auto electronic shutter
G-Sensor	3-Axis G-Force sensor
GPS	External GPS, Optional
ISO	Auto
White Balance	Auto
Microphone	Built-in
Speaker	Built-in
Interface	Mini USB, A/V port(for optional rear camera), GPS port(for optional GPS)
Power	Built-in super capacitor.
Operating Temperature	0° ~ 45° C
Operating Humidity	20 ~ 70% RH
Storage Temperature	-20° ~ 70° C
Dimensions	259.7 x 97.5 x 36 mm
Weight	Approx. 332g (not includes microSD)





f790

行車記錄器  
使用手冊

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## 關於本手冊

本手冊內容僅供參考，且可隨時變更不事先通知。本公司已盡力確保此使用手冊內容準確完整。然而，對於可能發生的任何錯誤或疏漏，本公司概不負責。製造商保留變更技術規格與配件的權利不事先通知。

## 安裝須知

1. 駕駛或車輛行進當中切勿設定行車記錄器。請先停靠在安全地點再調整或安裝。
2. 行車記錄器請安裝在後視鏡位置以取得最開闊的視野。行車記錄器切勿安裝在阻礙駕駛視線的地方。
3. 確定鏡頭在擋風玻璃雨刷的擦拭範圍內，以確保下雨時視野清楚。
4. 勿用手指觸碰鏡頭。手指上的油脂會留在鏡頭上導致影像或快照不清楚。請定期清潔鏡頭。
5. 本設備僅適用產品隨附之電源連接器，請勿使用其他廠牌以免設備燒毀。

## Regulatory notices

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## CE Regulatory Notice

The product herewith complies with the requirements of CB IEC 62368-1:2014, EMC Directive 2014/30/EU and the RoHS Directive 2011/65/EU.

## WEEE 通知

### 歐盟有關使用者處分私人家庭廢電子與電機產品和/或電池之指令



WEEE

產品上或包裝上有此一符號，表示此產品不能做為家庭廢棄物處理。您必須依據相關之電子與電機產品和/或電池回收辦法之規定，處分您的廢電子與電機產品和/或電池。有關這類產品和/或電池的回收細節，請聯絡當地的市政府，您購買該產品的商店或您的家庭廢棄物處理公司。材料之回收有助於保護自然資源及確保能以保護人類健康與環境之方式回收。

## 安全注意事項

- ❖ 千萬不要拆解或試圖修理本產品。此舉可能損壞行車記錄器，造成觸電並使產品保固失效。
- ❖ 使用者須遵守當地法律並以行車安全為優先考量，請勿於行車中操作本設備。
- ❖ 使用設備前請先確認日期與時間已設定完成。
- ❖ 本設備內建的韌體功能僅供使用者參考，道路駕駛請依實際路況作判斷。
- ❖ 本設備顯示之時速和方位等數值會因外在環境因素影響而有所誤差，僅供使用者參考。
- ❖ 本產品僅供使用於非商業用途，適用法律允許的最大限度內。本公司對於使用本產品所造成的損失不承擔任何責任。
- ❖ 本產品在使用時會略微變熱，純屬正常現象不代表故障。
- ❖ 不正確地使用本產品或操作不當導致設備或配件損壞，您的保固將會無效。
- ❖ HP Inc.對於操作中任何資料／內容的損失概不負責。

在您開始使用此行車記錄器時，表示您已同意上述聲明。

# 1 簡介







本公司在此先感謝您購買此行車記錄器。此行車記錄器經過特別設計，可于駕駛時錄下即時的影像與聲音。

## 1.1 特色

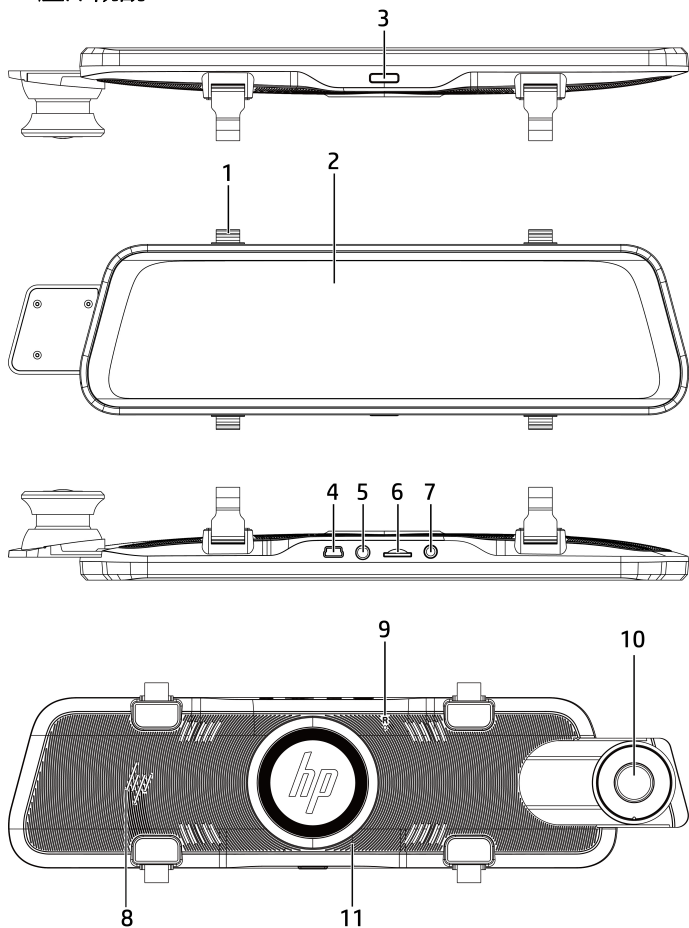
- 內建超級電容
- 高清畫質 1920x1080
- 9.35 吋觸控屏
- F/2.4 超大光圈
- 碰撞檢測
- 緊急錄影
- 停車監控（支持縮時錄影）

## 1.2 包裝內容

包裝內包含下列項目。如有任何專案遺漏或毀損，請立刻聯絡經銷商。

行車記錄器		綁帶	車充
			
說明書	外掛式 GPS (選配)	後置鏡頭 (選配)	
			

### 1.3 產品概觀

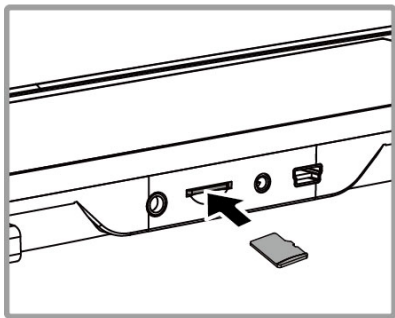


號碼	項目
1	綁帶扣
2	觸控屏
3	短按: 螢幕開關 長按: 電源開關
4	USB 插口, 連接車充
5	A/V 插口, 連接後置鏡頭(選配)
6	MicroSD 記憶卡槽
7	GPS 插口, 連接 GPS(選配)
8	喇叭
9	復位
10	鏡頭
11	麥克風

## 2 開始

### 2.1 插入記憶卡

記憶卡金色接觸面朝向行車記錄器背面插入。將記憶卡推到底直到扣住。(此記錄器請使用 V30 或速度更快的 micro SD 記憶卡；建議在初次使用前先將 micro SD 卡格式化。)



### 移除記憶卡

將記憶卡邊緣往內推到你聽到/感覺到喀噠聲，然後讓它從卡槽推出直到你可以移除。

備註：

1. 設備在開機狀態時，不要取出或插入存儲卡，以免損壞存儲卡。
2. 限使用速度等級 V30 以上，且記憶體容量 16GB 以上的 micro SD 卡。最高支持 128GB。
3. 使用前請先用本機格式化 micro SD 卡。
4. 請定期格式化記憶卡(建議一個月一次)。
5. 使用 64GB 以上記憶卡請先用本機格式化。
6. 記憶卡都有使用壽命，長期使用可能會導致寫入速度下降和保存失效，這種情況下建議您購買新的記憶卡使用。



## 2.2 安裝車內

1. 夾在原本的汽車後視鏡上。



2. 用綁帶圈住綁帶扣子。



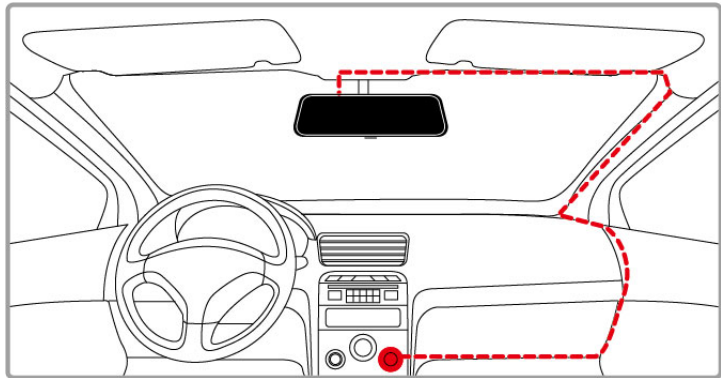
3. 調整記錄器鏡頭。

備註：

以上圖示為安裝說明。實際外觀請以您購買機種為主。

## 2.3 連接電源

限使用本產品包裝內附的車充供電給行車記錄器。



1. 車充的一端連接到記錄器的 USB 埠。電源連接孔輸入直流電壓 5V/2A。
2. 將車充的另一端插到車內的點煙器插孔內。車輛的引擎一旦發動，記錄器電源自動打開。車充輸入直流電壓 12/24V。

備註：

本設備僅適用產品隨附之車充，請勿使用其他廠牌以免設備燒毀。

## 2.4 電源開/關及重置

### 2.4.1 自動開/關


車輛引擎一旦發動，記錄器電源便自動打開，並且開始自動錄影。


車輛引擎一旦關閉，記錄器便自動儲存錄影並且在 10 秒內關掉電源。

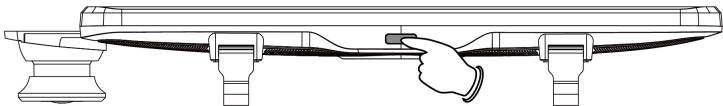
備註：

前提是車充有連結到點煙器插孔內，則記錄器電源會自動打開及關閉。

### 2.4.2 手動開/關

短按  鍵以手動方式打開電源。記錄器電源便自動打開，並且開始自動錄影。

長按  鍵可關閉電源。



### 2.4.3 重置




以大頭針或迴紋針插壓復位洞孔至少 3 秒重新設定。

## 2.5 初始設置

### 2.5.1 設定日期及時間

在使用設備之前，我們建議先設置正確的日期與時間。

設置正確的日期與時間，其方式如下：

1. 在錄影預覽畫面，觸碰螢幕上的  圖示暫停錄影。
2. 觸碰  圖示，進入功能表。
3. 手指上下滑動菜單，再點按[時間設置]進入設置。
4. 觸碰[+][–]圖示修改數值，再觸碰[OK]確認。
5. 重複步驟 4，直到日期與時間完成設置。按[OK]返回上一頁。
6. 按  圖示返回錄影畫面。

## 3 使用行車記錄器

### 3.1 錄影

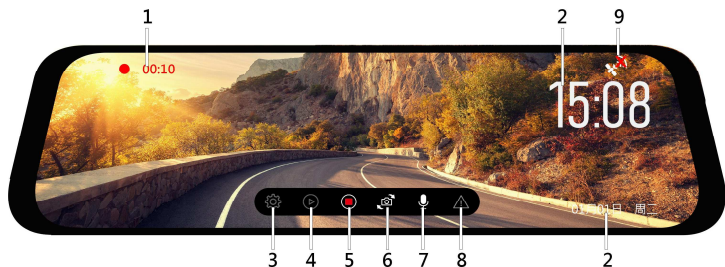
#### 3.1.1 自動錄影

車輛引擎發動時會啟動自動錄影功能，行車記錄器自動開啟並開始錄影，左上螢幕的紅色圓點閃爍。引擎關閉時便自動停止錄影。

備註：

1. 某些車款因為點煙器/電源插座沒有連結點火系統，汽車熄火之後，依然持續錄影，此時您需手動關閉行車記錄器的電源。
2. 循環錄影可設定 1 分鐘, 2 分鐘, 或 3 分鐘。
3. 行車記錄器將錄影儲存在記憶卡內。如果記憶卡容量已滿，會覆寫記憶卡內最舊的檔案。
4. 本行車記錄器使用超級電容，因此汽車引擎發動之後，需等待數秒為內建超級電容充電，數秒後記錄器便會自動開機並啟動錄影。


### 3.1.2 錄影畫面

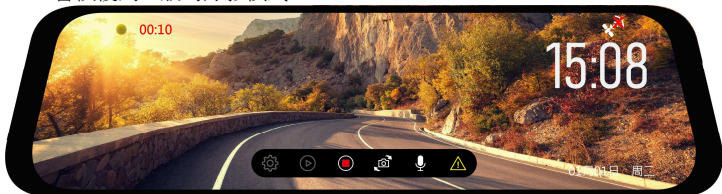


編號	圖示	項目	說明
1		錄影時長	顯示影片當前的錄影時長。
2		日期與時間	顯示當前拍攝的日期與時間。
3		菜單設定	設定功能選項。
4		播放	播放錄影檔及加鎖/緊急錄影檔。
5		錄影/暫停錄影	錄影或暫停錄影。
6		鏡頭切換 按鍵	在錄影期間按此按鍵可切換前後鏡頭的影像。(本機可支援後置高清鏡頭, 包裝中並無附贈, 欲瞭解更多資訊, 請洽經銷商諮詢。)
7		聲音記錄	設定錄音或是不錄音。
8		緊急錄影	在錄影期間按此按鍵可進入緊急錄影模式加鎖檔案。
9		GPS狀態	若有選配GPS, GPS定位之後, 圖示會由白色變為藍色。

### 3.1.3 緊急錄影

啟用緊急錄影，其方式如下：

1. 在錄影期間，觸碰螢幕上的  圖示，將會進入**緊急錄影模式**，螢幕出現“鎖定目前檔案”的提示，左上螢幕的黃色圓點閃爍。在緊急錄影模式中錄製的視頻會被保護起來，不會被一般循環錄影的視頻所覆蓋。
2. 緊急錄影的時長與循環錄影時長相同。當緊急錄影達設置的時間，系統會恢復到一般的錄影模式。

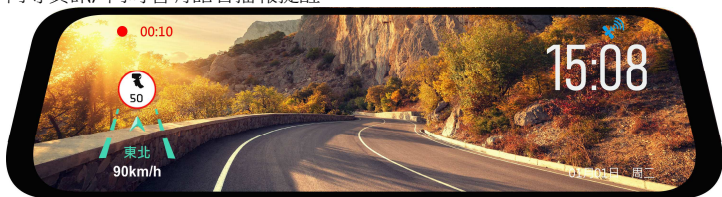


備註：

1. 如果啟用 **重力感應** 功能並偵測到碰撞，設備會自動進入緊急錄影模式。此功能可於**設定**選擇關閉，低敏感度，中敏感度或高敏感度。
2. 緊急錄影的檔案會另外存儲成受保護的檔案，避免檔案被一般循環錄影的視頻所覆蓋。
3. 緊急錄影資料夾約**20%**的記憶卡可用容量。緊急錄影資料夾已滿時，當新的緊急錄影檔案建立，最舊的緊急錄影檔案會被自動刪除。

### 3.2 GPS (選配)

將選配的GPS配件插入行車紀錄器的GPS插孔，可以在預覽介面查看時速及方向等資訊，同時會有語音播報提醒。



備註：


1. GPS功能僅限特定地區。請詳洽經銷商。
2. GPS定位之後，圖示會由白色變為藍色 .
3. 若GPS沒有播報，請檢查設定  的GPS語音播報是否開啟。
4. 固定測速照相提醒為白底圖示，區間測速照相提醒為黃底圖示。
5. 測速照相點語音播報提醒僅供參考，非百分之百準確，駕駛員請依道路規則行駛。

### 3.3 後置鏡頭 (選配)



先將行車記錄器關機，再將選配的后置鏡頭配件插入行車記錄器的AV IN插孔，安裝完成後，重新開機，便可以使用車前/後雙鏡頭錄影功能。







備註：

- 1.開機默認鏡頭畫面可於菜單設置前錄，後錄，或是前後錄分屏顯示。
- 2.後置鏡頭不支援熱插拔，請先關機再插拔後置鏡頭。
- 3.鏡頭畫面預覽可觸碰螢幕上的  圖示切換。

### 3.4 檔案播放

在錄影預覽畫面，觸碰圖示  暫停錄影，再觸碰  圖示進入檔案播放功能表。

1. 觸碰左側  圖示選擇一般錄影檔，或是  圖示選擇緊急錄影檔，手指滑動檔案清單，選擇欲播放的檔案並點選該檔案確認播放。
2. 若有安裝選配的后置鏡頭，可觸碰汽車圖示顯示前鏡頭  或後鏡頭  錄影文件列表。
3. 檔案播放時，可觸碰下方圖示進行加鎖/解鎖，快退，播放/暫停播放，快進或刪除檔案。



備註：




- 1.刪除的檔案不能復原。刪除前確定想保存的檔案有備份。
- 2.同時使用前後鏡頭錄影，所儲存的前後鏡頭檔案，若您只刪除前鏡頭檔案或是只刪除後鏡頭檔案，則另一個鏡頭的檔案依然會存在。

### 3.5 停車模式

若啟用停車模式的功能，可透過本記錄器監控車輛停置時的狀況。

**啟用停車模式之前，請您經由專門店安裝ACC常時電源線(或稱降壓線)。**

打開停車監控的功能，其方式如下：




1. 在錄影預覽畫面，觸碰圖示  暫停錄影，再觸碰  圖示進入設置介面。
2. 手指滑動選擇[停車模式]，點按確認進入設置。
3. 點按選擇12小時或是24小時。
4. 按 ，返回功能表頁面。
5. 汽車熄火後，設備自動進入停車監控模式，以一秒一幀的縮時錄影開始12小時或是24小時錄影。錄影時間完成之後，設備自動關機。
6. 停車監控的模式下，當汽車受到外力撞擊時，設備會進入緊急錄影模式，檔會加鎖，不會被覆蓋。

備註：

1. 本包裝不包含ACC常時電源線，如欲購買，請洽經銷商。如需安裝，亦請透過專業的安裝商店。
2. 停車監控的檔案儲存在一般錄影資料夾。



### 3.6 碰撞偵測

若啟用**重力感應**，當設備感測到碰撞時會自動啟動緊急錄影。碰撞偵測預設重力感應值為中靈敏度，若要變更碰撞偵測的設定，請依循以下步驟：

1. 在錄影預覽畫面，觸碰圖示  暫停錄影，再觸碰  圖示進入設置介面。
2. 手指滑動選擇[重力感應]，點按確認進入設置並修改設定。
3. 按 ，返回錄影預覽畫面。



## 4 調整設定

在錄影預覽畫面，觸碰圖示  暫停錄影，再觸碰  圖示進入設定介面，可以對設備進行功能設置。功能選項的詳細說明，請參考下表。

設置	說明	可用選項
影像解析度	設置影片的解析度。	1080P / 720P
錄影間隔	設備依循您所設置的影片時長將錄製的影片存儲為各個檔案，並且循環錄影。	1分鐘 / 2分鐘 / 3分鐘
聲音紀錄	設置錄影時是否錄製聲音。	關閉 / 開啟
開機默認顯示	設置屏的顯示方式。	後錄 / 前錄 / 分屏顯示
停車模式	若啟用，錄影以一秒一幀縮時錄影錄製。12小時或24小時之後自動關機。 *需事先安裝ACC常時電源線(降壓線)才能啟動停車縮時錄影功能。	關閉 / 12小時 / 24小時
時間設置	設置設備的日期時間。	
語言	設置系統語言。	簡中 / 繁中 / 英文
電源頻率	家用電源規格按地區不同，建議參考各國電壓頻率表作設定。設定正確頻率可防顯示幕閃爍。	50Hz / 60Hz
螢幕省電	設置螢幕關閉的時間。在待機或錄影中達設置時間未操作，設備會暫時關閉螢幕，按任意操作按鍵即可開啟螢幕（螢幕關閉時不影響影片錄製）。	關閉(常亮) / 1分鐘(關閉) / 3分鐘(關閉)
屏顯模式	設置螢幕亮度。	柔和 / 標準 / 亮麗
重力感應	若啟用，當設備感測到碰撞時，設備會自動啟動緊急錄影。	關閉 / 低敏度 / 中敏度 / 高敏度
GPS(注1)	插上選配的GPS之後，如暫時不須此功能，可於此功能表上選擇關閉。	關閉 / 開啟
GPS語音播報(注1)	插上選配的GPS之後，如暫時不須此功能，可於此功能表上選擇關閉。	關閉 / 開啟

設置	說明	可用選項
音量	設置提示音的音量。	1 ~ 10
系統重設	將系統恢復到出廠的設置。	是 / 否
格式化SD卡	將設備中的存儲卡格式化，所有的檔案都將遺失。	是 / 否
韌體版本	顯示當前韌體版本。	

備註：

1. GPS功能須搭配選配的GPS配件，韌體自動偵測顯示這兩個選項。

## 5 規格

項目	說明
影像感測器	1/2.9" CMOS 感測器
有效圖元	1920 (H) x 1080 (V)
存儲媒體	支援速度等級V30以上，且記憶體容量 16GB 以上的 micro SD 卡 (最高支持 128GB)
螢幕	9.35" 觸控螢幕
鏡頭	廣角固定焦距鏡頭
對焦範圍	1.5m ~ 無限
影片解析度	1920 x 1080P 30 fps 1280 x 720P 30 fps
影片格式	.TS
快門	自動電子快門
重力感測器	內建三軸重力感測器
GPS	外掛式GPS, 選配
ISO	自動
白平衡	自動
麥克風	內建
揚聲器	內建
介面	Mini USB, A/V(選配後置鏡頭), GPS(選配GPS)
電源	內建超級電容
最佳工作溫度	0° ~ 45° C
操作濕度	20 ~ 70% RH
保存溫度	-20° ~ 70° C
尺寸	259.7 x 97.5 x 36 毫米
重量	約 332 克 (不含存儲卡)

## 6 限用物質含有情況說明書

設備名稱：行車記錄器 Equipment name: Car Camcorder		型號（型式）：f790 Type designation (Type): f790				
單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>+6</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
主機外殼 及元件	○	○	○	○	○	○
主機內部電子元 件	○	○	○	○	○	○
充電器外殼 及元件	○	○	○	○	○	○
充電器內部電子 元件	○	○	○	○	○	○
<p>備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。            Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。            Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考3. “-”係指該項限用物質為排除項目。            Note 3 : The “-” indicates that the restricted substance corresponds to the exemption.</p>						