



f520

Car Camcorder

行車記錄器

行车记录仪

Quick Start Guide

快速啟動指南

快速启动指南

For the full version of the f520 product user manual go to: www.hp.com/support

f520 完整版產品使用者手冊請至: www.hp.com/support

f520 完整版產品用戶手冊請至: www.hp.com/support

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital camcorder, 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.

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CE Regulatory Notice

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Battery warning

- ❖ The battery for this car camcorder is sealed internally. **DO NOT** attempt to disassemble the camcorder and remove the battery.
- ❖ Always charge using the provided system. Improper charging of the battery may result in explosion.
- ❖ The battery is designed for this camcorder and is not customer replaceable.
- ❖ Batteries may explode if exposed to open fire. Never place the car camcorder in a fire.
- ❖ **Recycle the camcorder observing local regulations.**

Notes on Installation

1. Install the camcorder near 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.
2. Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
3. 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.
4. Do not install the camcorder on a tinted window. Doing so may damage the tint film.
5. Make sure that the installation position is not hindered by the tinted window.

1 Introduction

1.1 Package Contents

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

Camcorder



Bracket



CD-ROM



Quick start guide



Car adapter

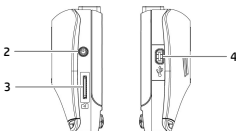


1.2 Product Overview

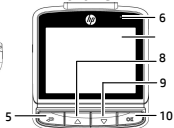
Top and Bottom Views



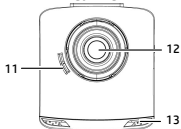
Side (Left and Right) Views



Front View



Rear View



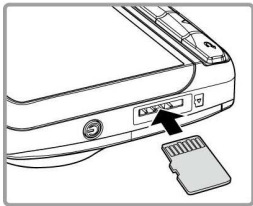
No.	Item
1	Bracket Socket
2	Power Button
3	Memory Card Slot
4	USB Connector
5	Back Button (←)
6	LED Indicator
7	LCD Panel

No.	Item
8	Up Button (▲)
9	Down Button (▼)
10	Enter Button (OK)
11	Speaker
12	Wide Angle Lens
13	Microphone

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. Please use a 32GB, Class 10 or above Micro SD card.
3. Please format the micro SD cards before 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.
5. If "**Card is too fragmented**" is displayed while recording, it means the card is unable to save the recording. Please make a copy of existing files in the card and then reformat it with this camcorder.

2.2 Installing in Vehicles

2.2.1 Mount to Windshield

1. Attach the bracket to the camcorder. Slide it into the bracket holder until you hear a click.

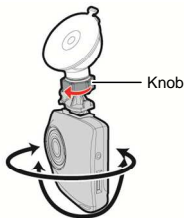


2. Before installing the bracket, please use alcohol to clean the windshield and suction cup of the bracket. Wait for dry and press suction-cup on the windshield.
3. Hold the base firmly on the windshield and press down the clamp to mount the car holder to the windshield. Make sure the base is securely locked in place.



2.2.2 Adjust the camcorder position

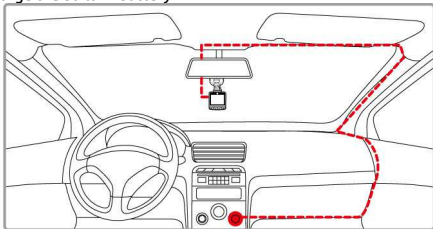
1. Loosen the knob to swivel the device vertically or horizontally.



2. 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.



1. Connect one end of the car adapter to the USB connector of the camcorder.
2. 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.

Note:

1. To use the products of the attached power charger only, please do not use other brand power charger, in order to avoid equipment burn or cause the battery explosion.
2. When first use this camcorder, please charging to battery full.
3. Please take note if the environment temperature reaches 45°C or above, the car adapter still can supply power to camcorder, but it will not charge the Lithium-ion battery. This is the characteristic of Lithium-ion and is not a malfunction.

2.4 Powering the Camcorder On / Off

2.4.1 Auto Power On/Off

Once the vehicle engine is started, the camcorder automatically turns on. If the *Automatic Record* function is enabled, the recording will automatically start right after the camcorder turns on.

2.5 Initial Settings

Before using the camcorder, we recommend you to enable the ***Automatic Record*** function and set up the correct date and time.





3 Using the Camcorder

3.1 Recording Videos

3.1.1 Motion Detection

If **Motion Detection** is activated, when power off the camcorder, the system alert message, “**Press OK Key to Power off, or enter motion detection after 10sec.**”, will pop on the screen. This means the system will enter Motion Detection automatically in 10 seconds; when the camcorder detects any motion in front of lens, Video Record will be activated for a duration the same as the length setting.

To set the motion detection, do the following:

1. Press the  button to enter the OSD menu.
2. Press the  button to select **Motion Detection** and press the **OK** button.
3. Press the  button to select **On** and press the **OK** button.
4. Press the  button to exit the menu.

Note:

1. When the battery is fully charged and is in good condition, Motion Detection can record continuously for about 30 minutes.
2. As the camcorder is used, the battery storage capacity will decrease gradually. This is a normal phenomenon for the battery
3. The LCD will be off in 30 seconds after the Motion Detection function is enabled.

3.1.2 Emergency Recording

During Video Recording, press the **OK** button to enter emergency recording mode, the “**Emergency**” message will be shown immediately on the upper left corner of the screen, and the recorded file will be protected. To stop the recording, press the ▼ button.



Note:

1. If the **Collision Detection** function is enabled and a collision is detected, the camcorder will automatically trigger the emergency recording.
2. The emergency recording file is created as a new file, which will be protected to avoid being overwritten by normal cycling recording. 4G memory card can save up to 5 emergency video files, and 8G (or above) memory card can save up to 10 emergency video files. The alert message of “**Emergency files are full**” will pop up on the screen when the emergency recording files are full, and the oldest emergency file will be automatically deleted when a new emergency recording file is created.

3.2 Playback Videos and Photos

To playback videos and photos, do the following:

1. During recording, press the ▲ button to browse for the desired video and photo file.
2. Press the ▲/▼ button to select the file category that you want to browse and press the **OK** button.
3. Press the ▲/▼ button to view the next or the previous file and press the **OK** button to view the file in full screen.

3.2.1 Deleting Files

To delete file(s), do the following:

1. If recording is in progress, Press the ↶ button to enter the OSD menu.
2. Press the ▲/▼ button to select **File Deletion** and press the **OK** button.
3. Press the ▲/▼ button to select the file category and press the **OK** button.
4. Press the ▲/▼ button to select the file that you want to delete and press the **OK** button to enter the Delete menu.
5. Press the ▲/▼ button to select an option.

Item	Description
Delete One	Delete the current file.
Delete All	Delete all files.

6. Press the **OK** button to confirm delete.

Note:

Deleted files cannot be recovered. Ensure the files have backup before deletion.

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電池注意事項

- ❖ 僅可使用本系統充電，未正確處理電池可能會引發爆炸。
- ❖ 請勿自行拆裝、穿刺電池，或使電池短路。
- ❖ 電池接觸明火可能會引起爆炸，請勿將電池丟棄到火中。
- ❖ 請根據當地法規妥善處理使用過的電池。
- ❖ **嚴禁自行更換電池，欲更換電池請洽經銷商。**

安裝須知

1. 本產品之安裝應靠近後視鏡，以獲得最佳的視野。
2. 確定鏡頭是在擋風玻璃雨刷的範圍內，確保視野良好，即使雨天亦然。
3. 不要用手指碰觸鏡頭。手指上的油垢可能會留在鏡頭上，導致錄像或攝影不清楚。定期清潔鏡頭。
4. 不要將產品安裝在有色車窗上。因為這樣會損壞淺色薄膜。
5. 確定安裝位置不會受有色車窗的阻礙。

1 導論

1.1 包裝內容

以下為包裝內容物。若有任何遺漏或損壞項目，請立即聯絡您的經銷商。

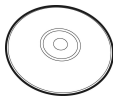
行車記錄器



托架



CD-ROM 光碟



快速使用手冊



汽車連接器

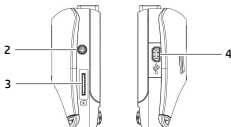


1.2 產品概要

頂視圖與底視圖



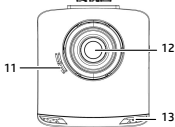
側視圖 (左側與右側)



前視圖



後視圖



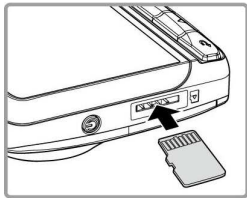
編號	項目
1	托架插孔
2	電源按鈕
3	記憶卡插槽
4	USB 接頭
5	返回按鈕 (←)
6	LED 指示燈
7	LCD 螢幕

編號	項目
8	向上按鈕 (▲)
9	向下按鈕 (▼)
10	輸入按鈕 (OK)
11	揚聲器
12	廣角鏡
13	麥克風

2 開始

2.1 插入記憶卡

以黃金接觸點面向設備的背面，插入記憶卡。推記憶卡直到咔嗒一聲，插入定位時止。



取出記憶卡

推記憶卡，彈出插槽。

註：

1. 設備在開機狀態時，不要取出或插入記憶卡，以免損壞記憶卡。
2. 請使用 **Micro SD 卡 10 級**，最高支援 **32GB**。
3. 使用前請先格式化 **Micro SD 卡**。
4. 若錄影中螢幕顯示“**卡速過慢**”，表示設備中的記憶卡寫入速度過慢，請更換卡速較高的記憶卡。
5. 若錄影中螢幕顯示“**記憶卡空間過於零散**”，表示記憶卡已無法將錄製的檔案儲存起來，請將記憶卡中需要留存的檔案備份之後再以本設備進行格式化。

2.2 安裝於車內

2.2.1 置於擋風玻璃上

1. 將托架基座推入設備上方的托架插孔中，直到聽到咔嗒聲固定。



2. 用酒精擦拭托架的吸盤及擋風玻璃至乾淨，並等待酒精乾透，將托架的吸盤輕壓於擋風玻璃上，再按下托架的夾子固定托架。



3. 確認托架已牢牢固定。

2.2.2 調整設備位置

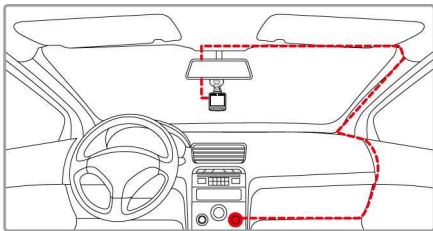
1. 鬆開旋鈕，將設備垂直或水平方向調整。



2. 鎖緊旋鈕，並確認設備已牢牢固定。

2.3 連接電源

只使用所供應之汽車連接器，啟動設備以及為內建之電池充電。



1. 將電源連接器的一端連接設備的USB接頭。
2. 將電源連接器的另一端插接汽車內的香煙點火器的插孔。汽車引擎一旦發動，設備即自動開機。

註：

1. 本設備僅適用產品所附之電源連接器，請勿使用其他廠牌以免設備燒毀或導致電池爆炸。
2. 首次使用設備請將電池的電量充滿。
3. 若環境溫度達到 45°C 或以上，則電源連接器仍然可以供電給設備，但不會為鋰聚合物電池充電。這是鋰的特性，不是故障。

2.4 設備開/關

2.4.1 自動開/關

汽車引擎一旦發動，則設備即自動開機。若啟動**自動記錄**功能，則在設備開機後，即開始自動錄影。

2.5 首次設定

在使用設備之前，我們建議先啟動**自動錄影**功能，設定正確的日期與時間。





3 使用行車記錄器

3.1 錄影

3.1.1 移動偵測

若啟用**移動偵測**，當行車記錄器關閉電源時，螢幕上會出現“**按OK鍵將關機，或10秒後進入移動偵測**”。指經過 10 秒後系統會自動進入移動偵測模式，當設備偵測到鏡頭前任何物體移動時會自動啟動錄影，持續錄影的時間同影片長度的設定。

設定移動偵測，其方式如下：

1. 按  按鈕，進入 OSD 目錄。
2. 按  按鈕選擇**移動偵測**，再按 **OK** 按鈕。
3. 按  按鈕選擇 **開**，再按 **OK** 按鈕。
4. 按  按鈕，退出目錄。

註：

1. 在電池充滿與狀態良好的情況下，移動偵測可連續錄影時間約 30 分鐘。
2. 電池的蓄電能力會隨著設備使用逐漸減少，此為電池的正常現象。
3. 當設備進入移動偵測模式，螢幕將於 30 秒後關閉。

3.1.2 緊急錄影

在錄影期間再按一次 **OK** 按鈕將會進入緊急錄影模式，並於螢幕左上角會顯示 "**緊急錄影**" 字樣，在緊急錄影模式中錄下的檔案會被保護起來。

按下 **▼** 即會停止錄影。



註：

1. 若啟動 **碰撞偵測** 功能，並偵測到碰撞，則設備會自動啟用緊急錄影。
2. 緊急錄影的檔案會被另外儲存成被保護檔案，避免檔案被循環錄影覆蓋，4G 記憶卡約可儲存 5 組緊急錄影檔案，8G (含以上) 記憶卡約可儲存 10 組緊急錄影檔案。當緊急錄影檔案已滿，螢幕會出現 "**緊急錄影檔案已滿**" 的警示，系統並會自動刪除第一筆緊急錄影檔案。

3.2 播放影片與照片

播放影片與照片，其方式如下：

1. 若正在錄影，按 ▲ 按鈕，進行錄影檔案及拍攝照片的瀏覽。
2. 按 ▲/▼ 按鈕，選取您要瀏覽的檔案類別，再按 **OK** 按鈕。
3. 按 ▲/▼ 按鈕，檢視下一個或上一個檔案，再按 **OK** 按鈕，檢視全螢幕中檔案。

3.2.1 檔案刪除

檔案刪除，其方式如下：

1. 若正在錄影，按 ↶ 按鈕，進入 OSD 目錄。
2. 按 ▲/▼ 按鈕選取**檔案刪除**，再按 **OK** 按鈕。
3. 按 ▲/▼ 按鈕選取檔案類別，再按 **OK** 按鈕。
4. 按 ▲/▼ 按鈕，選取您想要刪除的檔案，再按 **OK** 按鈕，進入刪除目錄。
5. 按 ▲/▼ 按鈕，選取一個選項。

項目	說明
刪除單檔	刪除目前的檔案。
刪除全部	刪除全部檔案。

6. 按 **OK** 按鈕，確認刪除。

註：

刪除的檔案無法回復，刪除前請確認檔案留有備份。

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电池警告

- ❖ 请务必使用随附的系统进行充电。电池处置不当可能导致爆炸。
- ❖ 切勿拆卸电池或在电池上钻孔，切勿使电池短路。
- ❖ 电池暴露在明火下可能爆炸。处理电池时切勿放入火中。
- ❖ 请按照当地法规处理废电池。
- ❖ **此电池为内置切勿自行更换电池，请交由经销商进行更换。**

安装需知

1. 本产品应安装在靠近后视镜之处，并尽量接近前挡风玻璃中央位置，以获得最好的视野。
2. 确定镜头是在挡风玻璃雨刷的范围内，确保视野良好，即使雨天也同样好。
3. 不要用手指触摸镜头。手指上的油脂可能会留在镜头上，导致摄像或摄影不清楚。定期清洁镜头。
4. 不要将产品安装在有色车窗上。因为这样会损坏浅色薄膜。
5. 确定安装位置不会受有色车窗的阻碍。
6. 本设备仅适用产品所附之电源适配器，请勿使用其他厂牌以免设备烧毁或导致电池爆炸。

1 介绍

1.1 包装清单

以下为包装清单。如果有任何遗漏或损坏项目，请立即联系您的经销商。

行车记录仪



托架



光盘



快速入门手册



汽车适配器

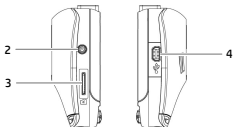


1.2 产品概要

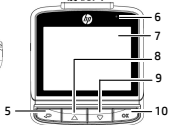
顶视图与底视图



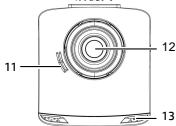
侧视图 (左侧与右侧)



前视图



后视图



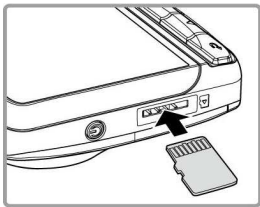
编号	项目
1	托架插孔
2	电源按钮
3	存储卡插槽
4	USB 端口
5	返回按钮 (←)
6	LED 指示灯
7	LCD 屏幕

编号	项目
8	向上按钮 (▲)
9	向下按钮 (▼)
10	输入按钮 (OK)
11	扬声器
12	广角镜
13	麦克风

2 入门

2.1 插入存储卡

以黄金接触点面向设备的背面，插入记忆卡。推记忆卡直到咔嗒的一声，插入到位时止。



取出存储卡

推存储卡，弹出插槽。

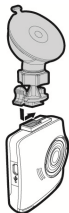
注：

1. 设备在开机状态时，不要取出或插入存储卡，以免损坏存储卡。
2. 请使用 Micro SD 卡 10 级，最高支持 32GB。
3. 使用前请先格式化 Micro SD 存储卡。
4. 若摄像中屏幕显示"**卡速过慢**"，表示设备中的存储卡卡速过慢不敷使用，请立即停止摄像并更换卡速较高的存储卡，以避免造成无效的摄像或文件损坏。
5. 若摄像中屏幕显示"**存储卡空间过于零碎**"，表示存储卡已无法将录制的文件储存起来，请将存储卡中需要留存的文件备份之后再以本设备进行格式化。

2.2 安装在车内

2.2.1 固定在挡风玻璃上

1. 将托架基座推入设备上方的托架插孔中，直到听到咔嗒声固定。



2. 用酒精擦拭托架的吸盘及挡风玻璃，并等待酒精干透，将托架的吸盘轻压于挡风玻璃上，再按下托架的夹子固定托架。



3. 确认托架已牢牢固定。

2.2.2 调整设备位置

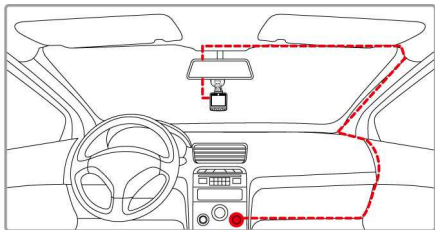
1. 松开旋钮，将设备垂直或水平方向调整。



2. 锁紧旋钮，并确认设备已牢牢固定。

2.3 连接电源

只使用所提供的汽车适配器，启动设备以及为内置的电池充电。



1. 将汽车适配器的一端连接到设备的 **USB** 端口。
2. 将汽车充电器的另一端插接汽车内的香烟点火器的插孔。汽车引擎一旦发动，设备即自动开机。

注：

1. 本设备仅适用产品所附之电源适配器，请勿使用其他厂牌以免设备烧毁或导致电池爆炸。
2. 首次使用设备请将电池的电量充满。
3. 如果环境温度达到 **45°C** 或以上，则汽车适配器仍然可以供电给设备，但不会为锂聚合物电池充电。这是锂的特性，不是故障。

2.4 设备开/关

2.4.1 自动开/关

汽车引擎一旦发动，设备就自动开机。如果启动**自动记录**功能，则在设备开机后，即开始自动摄像。

2.5 初始设置

在使用设备之前，我们建议先打开**自动摄像**功能，设置正确的日期与时间。





3 使用行车记录仪

3.1 摄像

3.1.1 运动探测

若开启运动探测功能，当行车记录仪关机时，屏幕会出现“**按 OK 键将关机，或 10 秒后进入运动探测**”。指经过 10 秒后系统会自动进入运动探测模式，当设备侦测到镜头前任何物体移动时会自动启动摄像。

开机后打开自动摄像，其设置方式如下：

1. 按  按钮进入 OSD 菜单。
2. 按  按钮选择**运动探测**，再按 **OK** 按钮。
3. 按  按钮选择**开**，再按 **OK** 按钮。
4. 按  按钮，弹出菜单。

注：

1. 在电池充满与状态良好的情况下，运动探测可连续摄像时间约 30 分钟。
2. 电池的蓄电能力会随着设备使用逐渐减少，此为电池的正常现象。
3. 当设备进入运动探测模式，屏幕将于 30 秒后关闭。

3.1.2 紧急摄像

在摄像期间再按一次 **OK** 按钮将会进入紧急摄像模式，并于屏幕左上角会显示“**紧急摄像**”字样，在紧急摄像模式中录下的文件会被保护起来。

按下 **▼** 按钮即会停止摄像。



注：

1. 若启动**碰撞侦测**功能并侦测到碰撞，则设备会自动启用紧急摄像。
2. 紧急摄像的文件会被另外储存成被保护的**文件**，避免文件被循环录像覆盖，**4G**存储卡约可储存**5**组紧急摄像文件，**8G**（含以上）存储卡约可储存**10**组紧急摄像文件。当紧急摄像的文件已满，屏幕会出现“**紧急摄像文件已满**”的警示，设备并会自动删除**第一笔**紧急摄像文件。

3.2 播放视频与照片

播放视频与照片，其方式如下：

1. 如果正在摄像，按 **▲** 按钮，进行摄像文件及拍摄照片的浏览。
2. 按 **▲/▼** 按钮选取您要浏览的文件类型，再按 **OK** 按钮。
3. 按 **▲/▼** 按钮查看下一个或上一个文件，再按 **OK** 按钮，查看全屏幕中文件。

3.2.1 删除文件

删除文件，其方式如下：

1. 如果正在摄像，按 **↶** 按钮，进入 **OSD** 菜单。
2. 按 **▲/▼** 按钮，选取**文件删除**，再按 **OK** 按钮。
3. 按 **▲/▼** 按钮，选取文件类型，再按**OK** 按钮。
4. 按 **▲/▼** 按钮，选取您想要删除的文件，再按 **OK** 按钮，进入删除菜单。
5. 按 **▲/▼** 按钮，选取一个选项。

项目	说明
删除单档	删除目前的文件。
删除全部	删除全部文件。

6. 按 **OK** 按钮，确认删除。

注：

删除的文件不能恢复，删除前，确保文件留有备份。

