



P70

**Car Camcorder
User Manual**

Contents

About this Guide	3
Regulatory notices.....	3
Prohibition of co-location	3
WEEE Notice.....	3
Notes on Installation	3
Caution	5
1 Introduction.....	7
1.1 Features.....	7
1.2 Package Contents	7
1.3 Product Overview.....	8
2 Get Start	9
2.1 Storage Media	9
2.1.1 Insert the Memory Card	9
2.1.2 Remove the Memory Card	9
2.2 Install	10
2.3 Install Optional Rear Cam	12
2.4 Connecting to Power	13
2.5 LED Indicator	13
2.6 Power On / Off	14
2.6.1 Auto Power On/Off.....	14
2.6.2 Manual Power On/Off	14
2.6.3 Reset.....	14
2.7 Initial Settings.....	15
3 Using the Car Camcorder	16
3.1 Automatic Record	16
3.2 The Recording Screen	16
3.3 Emergency Recording	18
3.4 Picture in Video	18
3.5 Add Speed Point.....	19
3.6 Speed Cam Alert.....	19
3.7 Driver Fatigue Alert.....	19
3.8 Headlight Warning	20
3.9 Parking Mode	20
3.10 HUD	21
3.11 Playback and Delete	22
4 Setting Go Moto Plus App	23

5	Using the Go Moto Plus App	25
5.1	Main Screen.....	26
5.2	Playback, delete and download	28
5.3	Local Album	30
5.3.1	Edit Video or Picture.....	32
5.4	Camera Setting	33
6	Adjusting the Settings	34
7	Specifications	37

About this Guide

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

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

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

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.

Prohibition of co-location

This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

WEEE Notice

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



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 handling 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.



FCC Statement

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.

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.

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.

Contains FCC ID: 2ACFI20AWM

RF Exposure Compliance

Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. To maintain compliance with FCC exposure compliance requirements, please follow the operating instructions as documented in this manual.

Notes on Installation

- ❖ Please measure the front windshield viewing area, make sure not to block driver's front view, install the camcorder below the rearview mirror (the central, higher right position of the front windshield). And we recommend that the sky and the land occupied by the screen 50%.
- ❖ 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 pictures. Clean the lens on a regular basis.
- ❖ Do not install the camcorder on a tinted window. Doing so may damage the tint film.
- ❖ Make sure that the installation position is not hindered by the tinted window.
- ❖ This product is suitable for light windshield or light color heat-resistant film windows, it will affect video quality if install it on the dark windows or dark heat-resistant film windows.
- ❖ 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.
- ❖ We have provided 2 mounting brackets with this HP Car Camcorder. The suction cup bracket is designed for temporary mounting and will require

periodic re-installation. The 3M adhesive bracket is designed for one time and long term installation. We recommend using the adhesive bracket if permanent installation is desired. Please install the bracket on the best open-field view. Do NOT install the bracket in a location that may obstruct your field of view and impact driving safety. HP or our authorized HP partners are NOT liable for any damages or data loss due to improper bracket mounting or suction cup bracket losing seal and dropping.

Caution

- ❖ 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.
- ❖ Due to local laws and vehicles safety considerations, do not operate the camcorder while driving.
- ❖ Set up time zone, time and date accurately before you use this camcorder.
- ❖ The firmware function in the camcorder is for reference only, drivers are advised to exercise discretion based on actual road conditions.
- ❖ The results of GPS positioning are only for reference, and should not affect the actual driving situation. The camcorder also cannot ensure the positioning accuracy.
- ❖ GPS positioning accuracy may differ depending on weather and location such as high buildings, tunnels, undergrounds, or forests. GPS satellite signals cannot pass through solid materials (except glass). Tinted window will also affect the performance of the GPS satellite reception.
- ❖ GPS reception performance on each camcorder may differ. The camcorder cannot determine the accuracy of the positioning results from different hardware.
- ❖ The values displayed in this camcorder, such as speed and position, may be inaccurate due to the influence of surrounding environment. They are for your reference only.
- ❖ This product is used only for non-commercial use, within the maximum limits permitted by applicable law. We do not take any responsibilities for the loss of use of the product.
- ❖ This camcorder gets warm when in use; this is normal.
- ❖ Improper use or operation of the product may result in damage of the product or its accessories and void the warranty.
- ❖ Wi-Fi signals are unable to pass through the building. The maximum limit of signal transmission is 5m.
- ❖ Wi-Fi (2.4GHz) Operation Channel: Ch1~Ch13
- ❖ The product employs wireless data communication which may interfere, or be interfered by, a near-by camcorder.

- ❖ Never use this camcorder in the vicinity of a microwave oven or at places where there is radio interference.
- ❖ Radio wave reception may be worsened in specific environments.
- ❖ Please be advised that if another camcorder is also using the same 2.4GHz or 5GHz band as this product, the processing speed of both camcorders may slow down.
- ❖ The radio frequency (RF) generated by this RF electronic camcorder may cause adverse effects on the operation of other electronic camcorders and result in malfunctioning. Wireless transmitters and circuitry may also interfere with other electronic camcorders. Therefore, do observe the following precautions:
 - Aircraft: Never use a radio transmitter when you are in an airplane. Please switch off the Wi-Fi function of the camcorder.
 - Vehicle: The radio frequency transmitted by this camcorder may affect the electronic system in a motorized vehicle. Please consult the manufacturer or dealer of your vehicle on the possible effect.
 - Pacemaker: In order to prevent any potential interference to a pacemaker, anyone who uses a pacemaker should be advised, that, when using this camcorder, a minimum distance of 15cm (6 inch) should be kept between the camcorder and the pacemaker; and never put this camcorder in a chest pocket. In case of any doubt of interference, switch off the camcorder immediately.
 - Medical Camcorder: If you use a personal medical camcorder, consult the camcorder manufacturer or your physician to confirm if your camcorder is sufficiently shielded from the RF transmission of this camcorder.
 - Medical Facilities: Hospitals and medical institutes may use facilities that are sensitive to an external RF energy. Observe such instructions when the medical care personnel or any posted sign requests you to switch off any camcorder that may interfere the radio frequency.
 - Explosion sites or any location with a posted sign: In order to prevent interfering with an explosion activity, observe all the signage and instructions in the Explosion Area or in a zone with a "Switch Off 2-way Radios" sign by switching off camcorders that may interfere with the radio frequency.
- ❖ HP Inc. is NOT responsible for the loss of any data/content during operation.

Before you start using the system, it is assumed that you agree to the above statement.

1 Introduction











Thank you for purchasing this advanced Car Camcorder. This product is specifically designed for real time video recording when driving.

1.1 Features

- Sony Starvis2 sensor
- Super High Definition 4K
- 5GHz high speed Wi-Fi transmission
- 3.0" Color Screen
- Wide Angle Lens
- Collision Detection, when a collision is detected, the camcorder will automatically trigger the emergency recording
- Parking Mode
- Built-in GPS
- Optional 1080p rear camera

1.2 Package Contents

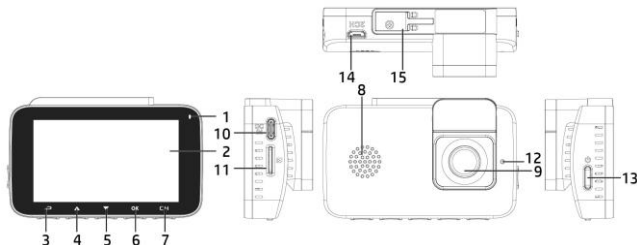
The package contains the following items. In case there is any missing or damaged item, contact your dealer immediately.










Car Camcorder	Electrostatic Sticker	Bracket		Car Charger
		 (3M tape)	 (Suction type)	
Cable Clips	Cable Installation Tool	Memory Card	Rear Camera (option)	E-manual
				

Note:

We recommend using the 3M adhesive bracket if permanent installation is desired. Do NOT install the bracket in a location that may obstruct your field of view and impact driving safety. HP or our authorized HP partners are NOT liable for any damages or data loss due to improper bracket mounting or bracket losing seal and dropping.

1.3 Product Overview



No.	Item
1	LED Indicator
2	LCD Color Screen
3	Menu / Return Button ( / )
4	Add Speed Cam Point / Up Button ( / )
5	Snapshot / Down Button ( / )
6	Emergency Recording / Confirm Button ( / )
7	Switch Camera Button ( / CH)

No.	Item
8	Speaker
9	Wide Angle Lens
10	Power Connector Port
11	Memory Card Slot
12	Microphone
13	Power/Reset/HUD Button
14	Rear Camera Connector Port
15	Bracket Socket

Note:

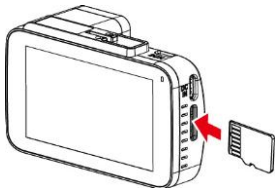
Please press the button (3~7) according to the diagram notice shown on screen.

2 Get Start

2.1 Storage Media

2.1.1 Insert the Memory Card

Insert memory card with the pins facing forward, see the picture as below:



2.1.2 Remove the Memory Card

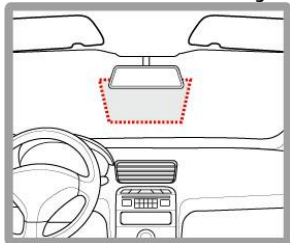
If the camcorder is power on, please power off first and wait for the procedure of switching off the camcorder completed before removing the memory card.

Note:

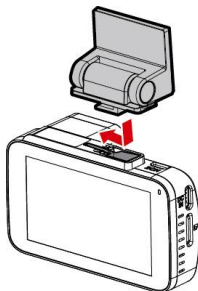
1. Insert the microSD card before use.
2. Do not remove or insert the memory card when the camcorder is turned on. This may damage the memory card.
3. Use class V30 or higher, and capacity 16GB or higher microSD card.
4. Power on the device and format the microSD card before the initial use.
5. Periodically format the microSD card (recommended period: once a month).
6. Capacity of 64GB or higher must format by the device before starting to use.
7. Memory cards have a service life. Long-term use may lead to write speed degradation and file save failure. If this happens, it is recommended that you purchase a new memory card.
8. Due to the various specifications of memory cards on the market, and the quality is uneven, we do not guarantee that all memory cards are compatible with our products. If there is a memory card abnormality, resulting in the inability to store recorded images, It's not directly related with the dashcam. Please swap the new card from where you purchased.

2.2 Install

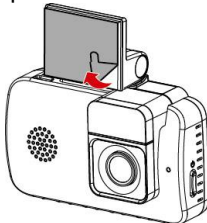
1. Put the electrostatic sticker onto the suggested area on the windshield. Before putting the sticker, please wipe and clean the windshield. During the installation, please make sure the bubbles in between the sticker and the window are all gone.



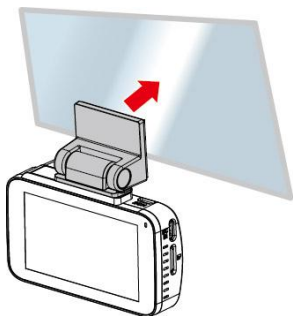
2. Push the mount into mount slot on top of device, until a click sound is heard.



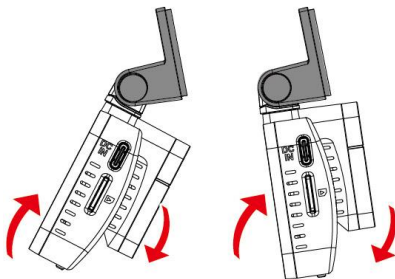
3. Peel off the protective plastic sheet from the adhesive bracket.




4. Place and press the bracket firmly onto the electrostatic sticker on the windshield window. Make sure the base is securely locked in place.

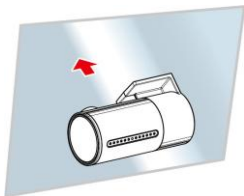


5. Slightly push the device toward and backward to adjust the view angle.



2.3 Install Optional Rear Cam

1. Position the rear camera at upper central of rear windshield. Use cable to connect rear camera with front camera to check the preview image is in right position (not upside down) before installation. If the preview image is upside down, please rotate the base 180° to make it correct.
2. Check and confirm the field of rear view. Then clean the surface of the windshield with alcohol to ensure that the adhesion surface is clean.
3. Remove the film on the base of rear camera, and then hard press rear camera to ensure firmly stuck.
4. Press  / **CH** button on front camera to check the rear camera preview image.
5. Use supplied cable clips and tool to generate and hide the cables.

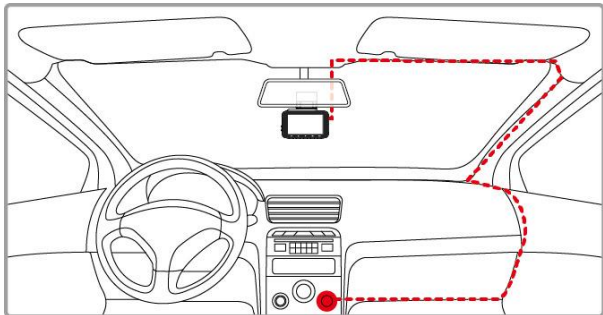


Note:

1. Do not install the device on a tinted window. Doing so may damage the tint film.
2. This product is suitable for light windshield or light color heat-resistant film windows; it will affect video quality if install it on the dark windows or dark heat-resistant film windows.
3. The rear cam shall be installed on the central, higher position of the rear windshield to obtain the best view angle.
4. The rear cam doesn't support hot plug-n-play. Turn off the power of front cam before plugging in rear cam.

2.4 Connecting to Power

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



1. Connect one end of the car charger to the USB connector of the camcorder. USB port input: DC 5V / 2A.
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 powers on. Car charger input: DC 12 / 24V.

2.5 LED Indicator

Status	Blue LED Indicator
Standby (not recording)	Solid
Recording	Flash
Emergency Recording	Rapid Flash

2.6 Power On / Off

2.6.1 Auto Power On/Off

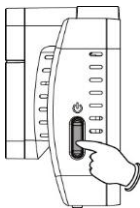
Start the car engine, screen will light up and the camcorder will automatically power on and start recording.

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

2.6.2 Manual Power On/Off

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

To turn off, press and hold the **POWER** button for 3 seconds.

















2.6.3 Reset

Press and hold **POWER** button for 10 seconds to reset the device.


2.7 Initial Settings

Before using the camcorder, we recommend you setup the correct **Time Zone** and **Date/Time**.

To set the time zone, do the following:

1. Press  button to enter the OSD menu. Press  button to enter **Settings** .
2. Press  or  button to select **Set Time Zone**, and then press  button for entering function menu. Set the current time zone, and then press  button to complete setting and return to previous page.
3. Press  button to select **Date / Time**, and then press the  button for entering function menu.
4. Press  or  button to adjust the value, and then press the  button to set the next field.
5. Repeat step 4 until the date and time setting is completed. Press  button to confirm the setting and return to previous page.
6. Press  button twice to return to recording screen.

Note:

1. Please note that if you press the  button during recording, the system will stop recording and enter OSD menu. Make sure the recording is already stopped then continue operating the menu.
2. If satellite positioning is not successful, camcorder clock will run based on user defined time.
3. To ensure the accuracy of the video file time, please reset the date and time when not in use over 7 days.

3 Using the Car Camcorder

3.1 Automatic Record

Once start the car engine, the camcorder will automatically power on and start recording.

Recording will automatically stop when the engine is switched off.

Note:


















1. Some vehicle power supply would not turn on / off automatically with the car engine start, if the camcorder cannot automatically power on/off with the car engine, please manually connect the power supply with the vehicle power, and then power on, or manually power off the camcorder and then release the connector with the car power supply.

2. It can be configured to save a video file for every 1 or 3 minutes of recording.

3. All the videos and photos are saved in the memory card, if memory card is full, loop recording will generally overwrite the oldest video file.


3.2 The Recording Screen



No.	Icon	Item	Description
1	 00:28	Recording Duration	Indicates the video current duration.
2	55 mph	Car Speed	Current car speed
3	2026/01/01 14:28:11	Date / Time	Current recording date and time
4		Menu Button	During video recording, press this button to enter the OSD menu.
5		Add Speed Point Button	During video recording, press this button to add a speed cam point.
6		PIV (Picture in Video) Button	Press this button to capture video screen shots from the front camera.
7		Emergency Recording Button	During video recording, press this button to enter emergency recording mode.
8		Switch Camera Button	Press this button to switch front or rear camera preview screen.
9	4K	Resolution icon	Current video recording resolution
10		Satellite Positioning icon	GPS status  not fixed;  positioned
11		Voice Record icon	Voice recording sets as off, the sound will not be recorded.
12		Wi-Fi icon	 Wi-Fi on;  Wi-Fi off
13		microSD Card icon	 Card is inserted;  No card.
14		Preview	Current preview screen for front camera(F) or rear camera(R).

3.3 Emergency Recording

Manually activate Emergency Recording, do the following:

1. During Video Recording, press the  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.
2. The emergency video recording length is same as the recording interval setting. When the emergency recording length reaches the setting, the system will return to the general recording mode.





Note:

1. If the *Collision Detection* function is enabled and a collision is detected, the camcorder will automatically trigger the emergency recording. The sensitivity of G-sensor can be adjusted by Low/Mid/High from the settings. If set as Off, the device will not trigger emergency recording.
2. The emergency video folder will occupy 20% of available memory card capacity. When the emergency video folder is full, the oldest emergency file will be automatically deleted by the newest emergency file.

3.4 Picture in Video

You can also use this camcorder to take snapshots of the current scene.

1. In recording status, press  to capture recording screen shots from the front lens.
2. When the icon  shows in the central of screen, it means the screenshots is completed.




Note:

1. The screen shots image resolution quality is depending on the video resolution setting.
2. The picture resolution is limited by the speed of the target object and changes in ambient lighting. The photograph function is better used for taking still pictures in accident scenes or when the car is stopped to wait for a traffic light.

3.5 Add Speed Point

You may customize speed cam positions in this product.

1. When the GPS positioning is completed , press  to add speed camera points manually.
2. This product features a capacity of 50 speed cam positions. In case you are trying to add more than that, the system prompts with message "**Speed Position is full**".

Note:

You may delete custom speed cam positions by selecting the *Delete Last Position* or *Delete All Position* option from the *Speed Position Management* menu. Please note that all of your existing speed cam positions are deleted once the *Delete All Position* option is selected. Make sure you are ready to recreate your custom speed cam positions before running this option.

3.6 Speed Cam Alert

If the **Speed Cam Alert** function is enabled, once your car's location is determined by GPS and approaches a speed cam, this product produces audible alert and screen message. If the alarm screen turns red to remind you to slow down if you are driving faster than the speed limit.



Note:

1. The speed cam alert function must have the speed cam datum from the country you use. The function will be void if the product is used in any other countries. Please consult with the shop you purchased if the function is void. There is no guarantee the speed cam datum will be included for the worldwide countries.
2. The speed cam alert is also active with the speed point you add manually.

3.7 Driver Fatigue Alert

If the **Driver Fatigue Alert** function is enabled, this product produces audible alert and screen message one hour after it has begun recording and repeats the alerts every half hour afterwards.



3.8 Headlight Warning

If the **Headlight Warning** function is enabled, it produces audible alert and screen message when it detects poor lighting conditions through the recording displays of this camcorder, including driving in rainy or cloudy weather, at night, and in basements, parking lots, and tunnels.



3.9 Parking Mode

To monitor the vehicle when it is parked, you can activate Park Recording, or Collision Detection, or Timelapse.

Before you activate Parking Mode, we commend to install Hardwire Kit (ACC cable) through professional car service shop.

- 1. Park Recording:** This mode is continuously recording, and the recorded files will be saved in the Video folder. Once the collision or vibration is detected, it will automatically trigger emergency recording, and save the files in the Event folder.
- 2. Collision Detection:** The device in this option is standby mode. Only when collision or vibration is detected, the device will trigger emergency recording. The recorded file will be saved in Event folder. When the emergency recording is finished, the device will resume standby mode again.
- 3. Time-lapse:** The device in this option is continuously recording by one second one frame, for example, 30 minutes recordings will be saved in one minute. The recorded file will be saved in Video folder.

When the set-up is completed, press and hold **Power** key for 3 seconds, or just wait a few seconds after car engine shuts down, the device will enter Parking Mode automatically, and turn off the screen temporarily.

To disable Parking Mode, press any key to wake up the screen and resume to normal loop recording, or start the car engine once again. If the set-up doesn't change, when the car engine shuts down once again, the device will enter Parking Mode again.



Note:

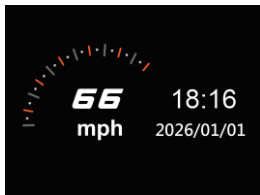
1. Hardwire Kit (ACC cable) is not included in the package. Please ask for more information from your distributor.
2. The file size is according to Record Interval setting.

3.10 HUD


The HUD function can check car speed at the moment and date/time. The HUD mode won't disturb the recording, nor the speed cam alert. There are two ways to enter HUD mode.

1. Manually

In the preview screen, press  Power button to enter. Press again  Power button to exit and back to preview screen.









2. Automatically

Turn on "HUD" function from "LCD Setting". Next time when the car starts, the camcorder starts up, about 7 seconds it will auto enter HUD mode if there is no operation on the camcorder. When HUD mode is on screen, anytime press  Power button to back preview screen. If there is no operation in 7 seconds, it will enter HUD mode again.

Note:

Driving Speed is only applicable when satellite positioning of the camcorder is ready; otherwise, they will be displayed in gray scale only.

3.11 Playback and Delete

Press the  button to stop recording and then select **File Browse** to enter playback menu. Select the file category that you want to browse and press the  button to display thumbnail images of the recorded video or photo files. Use the  or  to select the video or photo you want to playback, and press  button to confirm your selection, or press  button to delete the file.



Note:

1. Deleted files CANNOT be recovered. Ensure the files you wish to preserve are backup before deletion.
2. File name ends with F means front camera, R means rear camera.
3. If the file is taken by front camera and rear camera at the same time, no matter you delete video or picture from Front camera folder or Rear camera folder, both front camera file and rear camera file will be deleted.

4 Setting Go Moto Plus App

4.1 Download and Install

The camcorder allows you to connect to the smart phone via the app. When using for the first time, install the [**Go Moto Plus**] app for your smart phone.

1. Scan below QR code or download **Go Moto Plus** app from Google Play or App Store.
2. Install the app.

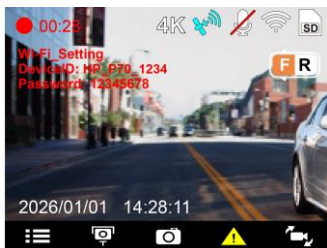


iOS/Android

APP layout and features may be changed subject to different software versions. Please refer to Google Play or APP Store for

4.2 Wi-Fi connection


1. Enter Settings menu and go to **Wi-Fi** option; select “ON” to activate the wireless network.
2. The camcorder’s screen will display Wi-Fi Device ID and Password. Using the Wi-Fi function of your smart phone, search for the camcorder ID “hp_P70_xxxx” from the list (last 4 numbers are system random numbers). Enter default password **12345678**.



Note:

1. The smart phone shall be within a maximum of a 5m distance from the camcorder without any buildings in between.
2. When the Wi-Fi function of the camcorder is ON but not yet connected with your smart phone, or the connection is disconnected, the Wi-Fi icon on camcorder's screen will be white.
3. After connecting the smart phone with the camcorder, and activate app, the screen features “Network Streaming”. All the button operation of the camcorder will be disable; all the operations shall be carried out via the Go Moto Plus App.
4. The language of the Go Moto Plus app will be consistent with your smart phone, beyond the language options, the app will be activated with default language.
5. Supports OS: Android 9.0 or higher, iOS 13 or higher, Harmony 2 or higher.








5 Using the Go Moto Plus App






Tap [Go Moto Plus]  icon to activate the app. The main screen will pop up. Follow the below instruction to operate this application.



5.1 Main Screen



icon	Description
 /  Periodically format the microSD card.	Go Moto Plus logo / memory card message
 	Preview
	Switch front and rear camcorder preview
	Full screen display
	Start/Stop Record

icon	Description
	Snapshot
	Camera File. Recorded files in microSD card.
	Camera Setting
<p>Emergency video files will be overwritten by loop recording Backup important files</p> 	Note: The emergency videos folder in microSD reaches capacity, and will be overwritten by new recordings. Please back up important files. This message icon will eliminate after backup.
	Map and driving track

Note:

1. The App will auto sync the camera's date/time with your smartphone.
2. App layout and features are subject to change, depending on the software version. Refer to the Google Play Store or iOS App Store for the latest updates.
3. Android phones please download Google Offline Maps in advance. Firstly, update Google Maps to the latest version, open the Google Maps app, click on the user account picture above, and click "Offline Area", select "Custom Area", select the area where you want to download the offline map, confirm and press "Download".

5.2 Playback, delete and download

You can use this feature to playback or delete the file saved in camcorder, or to download the file from camcorder to your smart phone.

1. Tap the icon  [Camera File].

2. The files saved in the camcorder will be displayed on your smart phone.

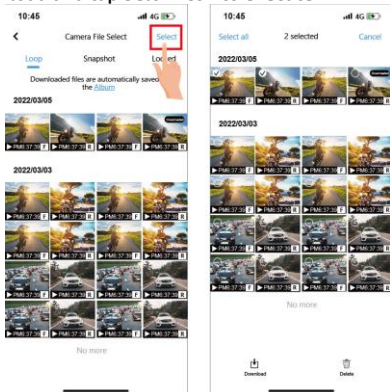
Camcorder will stop recording for a few seconds until your smart phone




finishes reading the saved files from camcorder. There are three folders,

Loop, Snapshot and Locked. The “F” and “R” letter at the right bottom corner of preview thumbnail stands for “Front camera” and “Rear camera”. Tap the preview thumbnail to playback the file.



3. Tap the right top corner “Select” and pick up the files that you want to delete or download and tap below icon to execute.




Icon	Description
	Download the file to smartphone.
	Delete file from microSD card.
	Downloaded file will mark as “Downloaded” on preview thumbnail. It can be opened from “Album” without Wi-Fi connection to the camera.

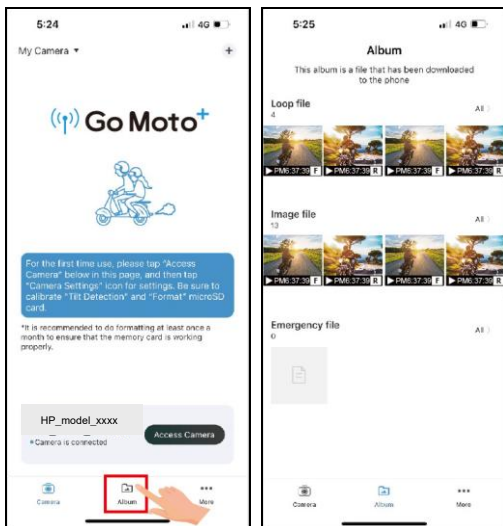
Note:

1. If recordings have no audio, check if Microphone is OFF in the menu. For video playback, we recommend VLC Media Player.
2. Deleted files cannot be recovered. Backup any important files before deleting them.
3. The snapshot is activated by app. The image file will be stored both in microSD card in the camera and “Album” folder of MUFU Video app. The file will be marked as “Downloaded” on preview thumbnail.
4. If you plan to download a large number of videos and photos, take out the microSD card and use PC/Mac.

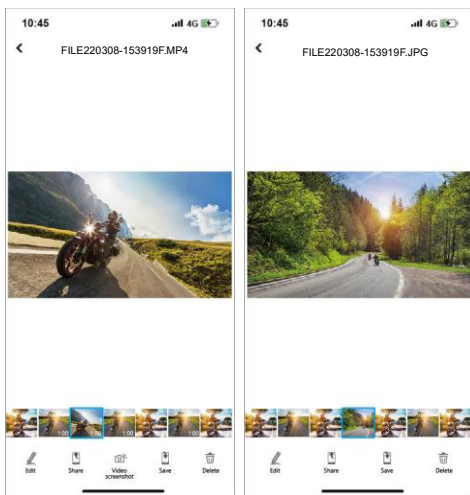
5.3 Local Album






You can use this feature to playback or delete the file that you download in your smart phone. The file can be opened and reviewed without Wi-Fi connection to the camera.

1. Tap the icon  [Album] below the home page. The camera will stop recording if it's connected with app.




2. Tap the file from preview thumbnail to playback, delete or edit.

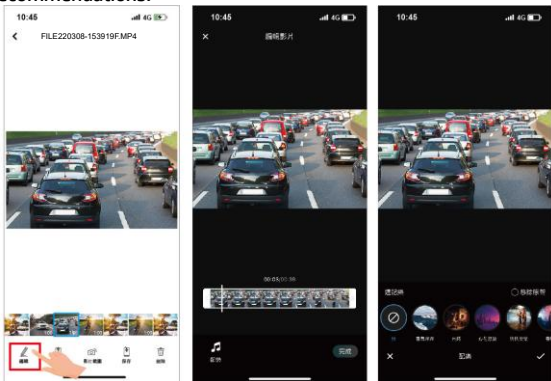


Icon	Description
	Edit the video or photo. (refer to next step for details.)
	Share the video or photo to social media.
	Video screenshot.
	Save the video or photo to smartphone's album. When the file is saved, the screen will show a message of "Save to smartphone's album successfully." and smartphone's album will automatically create a folder named "Go Moto Plus".
	Delete the downloaded file in App's Album. The file in the microSD card in the camera is still existed.

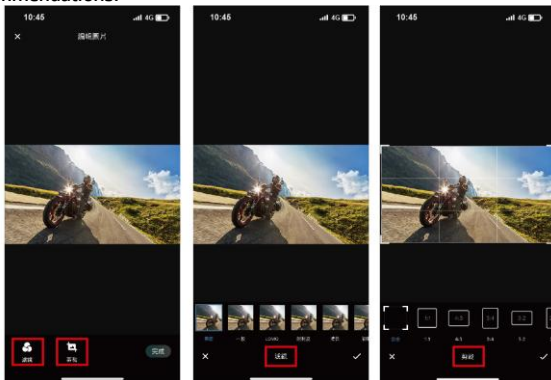
5.3.1 Edit Video or Picture

Open the downloaded file in “Album”, then, tap  Edit icon. The video or picture can be edited.

1. Edit video: Remove original audio/voice, and embed favorite music from the recommendations.




2. Edit picture: Crop the picture, or change the color of picture from recommendations.





5.4 Camera Setting

You can use this feature to set up your car camcorder by app.


1. Tap icon  [Camera Setting]. The camcorder will stop recording.
2. Set up the options according to your favorite or needs.



6 Adjusting the Settings

You can customize the general settings via the on-screen display (OSD) menus. Press the  button to enter the OSD menu and select **Settings** and press  button to enter.

Menu option	Description	Available option
Satellite Status	Displays the current state of the satellite reception.	
Wi-Fi	Turn on Wi-Fi to connect with smart phone.	On / Off
Speed Unit	The system displays the speed setting unit.	KM/H / MPH
Car Speed Watermark	To turn on or off car speed watermark.	On / Off
Time Stamp	To turn on or off file stamp including model number, date/time, car speed and location info.	On / Off
Speed Cam Alert	If the Speed Cam Alert function is enabled, once your car's location is determined by GPS and approaches a speed cam, this product produces audible alert and screen message.	On / Off
Speed Position Management	Delete Last Position: Delete the last speed camera point. Delete All Position: Delete all speed camera point.	Delete Last Position / Delete All Position
Set Time Zone	Set the time zone you are in.	GMT -12 ~ GMT +12
Date / Time	Set the date and time.	
Language	Language setting.	According to the actual shipping regions.
Resolution	Setting of video resolution.	4K WDR 2K HDR 1080p HDR
Front Cam EV Setting	Exposure Value setting of front cam.	-3 ~ +3
Rear Cam EV Setting	Exposure Value setting of rear cam.	-3 ~ +3

Menu option	Description	Available option
LCD Setting	<p>Set LCD off time or HUD.</p> <p>Set HUD: After power on 7 seconds, the screen will be always in HUD mode. Press  button can exit HUD mode and return to preview scree. (Recording is not affected when screen is in HUD mode).</p> <p>Set off after 7sec or 1min: Screen will be off after a set time if no operation is detected during the standby or record mode. Press any button will switch it on. (Recording is not affected when screen is off).</p>	On/ Turn off after 7 sec / Turn off after 1min / HUD
Voice Record	Setting for activating audio in the video.	On / Off
Key Tone	Enable / disable power-on sound and key tone.	On / Off
Volume	Adjust the sound volume.	0 ~ 10
Record Interval	Save respective video files in a length of the selected duration.	1 Minute / 3 Minutes
Parking Mode	<p>If one of parking mode is activated, the device will automatically enter parking mode once car engine shuts down. *Require to install ACC cable.</p>	Park Recording / Collision Detection / Timelapse / Off
Collision Detection	If Collision Detection is activated, this camcorder starts emergency recording once it detects any collision.	High Sensitivity / Normal Sensitivity / Low Sensitivity / Off
Driver Fatigue Alert	When Driver Fatigue Alert is enabled, audible alert and screen message will be activated 1 hour after the camcorder is powered on, with a repetition every 30 minutes.	On / Off

Menu option	Description	Available option
Headlight Warning	When Headlight Warning is activated, camcorder will issue an audible alert and screen message reminding that insufficient brightness is sensed on the recording face.	On / Off
Anti-flicker	Domestic power supply varies by area. It is recommended that you should check the "Table of voltage and frequency of different countries" for the correct setting.	60Hz / 50Hz
Format	Format the memory card inserted in the equipment. All the files in the card will be erased.	Yes / No
Default	The system reverts to the default setting.	Yes / No
Firmware Version	Indicates the current firmware version.	

7 Specifications

Item	Description
Image sensor	Sony STARVIS 2 sensor
Effective pixels	2608 (H) x 1964 (V)
Storage media	Supports microSD card with class V30 or higher, and capacity 16GB or higher.
LCD display	3" LCD color TFT
Lens	Wide Angle Fixed Focus lens Aperture: F/1.8
Focus range	1.5m~Infinity
Satellite System	GPS
Video	Resolution: 4K @25fps WDR, 2K @30fps HDR, 1080p @30fps HDR
	Format: .MP4
Still image (Photograph)	Resolution: depends on video resolution setting
	Format: DCF (JPG)
Shutter	Electronic shutter
G-Sensor	3-Axis G-Force sensor
ISO	Auto
White Balance	Auto
Microphone	Built-in
Speaker	Built-in
Interface	USB-C, micro USB
Operation Temperature	0° ~ 45° C

Item	Description
Operation Humidity	20 ~ 70% RH
Storage Temperature	-20° ~ 70° C
App Support O.S.	Android 9.0 or higher iOS 13 or higher Harmony 2 or higher
Dimensions	87.8 x 54.2 x 30.6 mm
Weight	Approx. 106g

Built-in IEEE 802.11g/n(HT20) Wi-Fi chip: AIC8800D40L

Frequency range	2.4GHz: 2412~2462MHz 5GHz: 5150~5250, 5725~5850 MHz
Wi-Fi Channel	2.4GHz: CH1~CH13 5GHz: CH36, CH40, CH44, CH48, CH149, CH153, CH157, CH161, CH165