



MUFU

More Unique For YoU 獨特設計 獨特為你

V11S Pro

Moto Cam
User Manual

機車行車記錄器
使用說明書

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V11S Pro
Moto Cam
User Manual

Thank you for purchase MUFU moto cam. This product is specifically designed to record real time video when riding a scooter or motorcycle.

The content in this document is for informational purpose only and is subject to change without prior notice. We have made every effort to ensure that this User Manual is accurate and complete, however, no liability is assumed for any errors or omissions.

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

Please visit official website for the latest version of user manual.

Notice

- ❖ Please peel off the protective film from the camera lens before use.
- ❖ Do not touch the lens with your fingers. Finger grease may be left on the lens, resulting in unclear videos or pictures. Inspect and clean the lens with a soft, non-abrasive cloth regularly.
- ❖ Please charge the unit to full before first use using the provided USB Type-C cable. Please do not use another brand of charging cable to avoid a potential equipment malfunction. The red LED on the camera will illuminate when charging, and green LED will illuminate when reaching full charge.
- ❖ *Charging adapter can use 5V, 2A and higher, USB Type-A port.

- ❖ If the unit will not be used for an extended period of time, please charge at least once every 6 months to maintain the battery's health and avoid low-voltage related damage.
- ❖ Please download MUFU Video app from iOS app store or Google Play Store before use. The Wi-Fi password is **12345678**.
- ❖ By default, Wi-Fi is ON for 3 minutes when the camera is powered on. If it doesn't connect to the MUFU Video app within 3 minutes, the camera will disable Wi-Fi automatically to save power. To turn on again Wi-Fi, simply power the camera OFF then ON again.

NOTE: An active Wi-Fi connection will affect total recording time.

- ❖ When the main unit connects USB cable for charging, the main unit will power on automatically and turn on Wi-Fi. It's workable to connect app for setting camera or checking recorded files. Idle for 3 minutes, the main unit will power off automatically. Unplug and plug the USB cable once again to re-start the main unit.
- ❖ Recommend to use microSD card V30 or higher and capacity 16GB or higher (up to 128GB).
- ❖ Format microSD card regularly and synchronize date/time. (Recommended: Once per month.)
- ❖ **In a high humidity environment or when travelling between areas with a large temperature difference, light moisture or fog may appear on the lens. This is**

normal. If this happens, remove the microSD card, and remain the microSD card slot cover and USB cover opening for several hours until the internal moisture or fog evaporates, and then reinsert the card and resume use.

- ❖ The friction scratches caused by the regular buckle of the main unit mount are normal and do not affect the use. Due to the production test, the main unit mount will have some micro-friction scratches. This is normal.
- ❖ To avoid the product damage or accidents from product dropping, install the product properly and solid before take a ride.
- ❖ 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.
- ❖ The warranty doesn't cover damages resulting from alteration, adjustment or repair by unauthorized person.

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



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.

CE Regulatory Notice

The product herewith complies with the requirements of the EMC and RED Directive 2014/53/EU and the RoHS Directive 2011/65/EU.

EU Health Protection: This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Regulatory & Safety Notice

- ❖ 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.
- ❖ Due to local laws and for your own safety, DO NOT operate the camera while riding.
- ❖ Use MUFU Video to app to synchronize your date and time before first use.
- ❖ The firmware function in the camera is for reference only, riders are advised to exercise discretion based on actual road conditions.
- ❖ This product is intended only for non-commercial use, within the maximum limits permitted by law. We take no responsibility for any losses as a result of use of this product.
- ❖ Wi-Fi Signals are unable to pass through the building. The max limit of signal transmission is 5 meter.
- ❖ Wi-Fi Operation Channel: Ch1~Ch11
- ❖ The product employs wireless data communication which may interfere, or be interfered by, a near-by camera.
- ❖ Never use this camera 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 camera is also using the same 2.4GHz band as this product, the processing speed of both cameras may slow down.
- ❖ The camera may get warm during use. This is normal.
- ❖ Improper use or operation of the product may result in damage to the camera or its accessories and void the warranty.
- ❖ This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.
- ❖ 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.
- ❖ MUFU is NOT responsible for the loss of any data/content during operation.

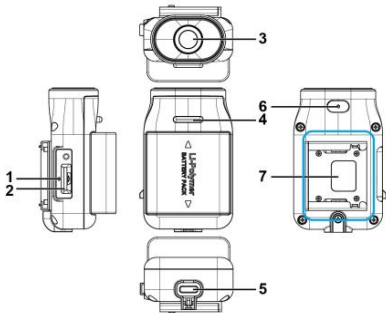
By using the product, it is assumed that you agree to all of the above statements.

1. What's Inside

The package contains the following items. If any items are missing or damaged, please contact the original place of purchase immediately.




Camera (Main Unit)	Main Unit Mount	USB Cable (type C)	User Manual	Warranty
				

2. Product Overview



No	Description	No	Description
1	Reset	5	USB type C port
2	microSD slot	6	Microphone
3	Lens	7	Bracket
4	LED Indicator		

3. LED Indicator

Indicator	LED Status	Description
 Recording	Blue, slow flashing	Recording
	Blue, solid	Camera power on, not recording
	Blue, rapid flashing	Emergency recording
 Charging	Red, solid	Charging
	No Red light	Fully charged
 Battery	Green, rapid flashing	Low battery
	Green, solid	Full charged
USB mode	Red, solid	Connect computer to read memory card (w/o main unit mount)

Note: Before first use, use the supplied USB type-C charging cable to fully charge the camera.

4. Beep Sound

Main Unit	Description
Beep~ (continuous 5 seconds) Repeat every 30 seconds Total alert 3 times	No card or card error
Beep 3 sounds	Power on and start recording
Beep~ (continuous 3 seconds) and beep 3 sounds total alert 2 times	Low battery (about 10 minutes to power off)
Beep 2 sounds	Power off because of low battery or main unit is apart from main unit mount.

5. Insert microSD Card

Insert the microSD memory card with the pins facing forward. (See below for proper installation orientation.) Once the memory card locks into place, replace the slot cover securely over the slot.



The slot cover must be tightly sealed to prevent moisture from entering, causing the lens to fog. Insert the left edge of the slot cover, and then press the right edge of the slot cover to create a good seal. Same as USB cover. See below.



6. Download the App

When using the camera for the first time, use your smartphone to download and install the **MUFU Video** app.

Scan the QR code or search “MUFU Video” in the iOS App Store or Google Play Store.



iOS



Android

App layout and features may be changed subject to different software versions.
Please refer to the Google Play Store or iOS App Store for the latest version.

7. Power On and Off

Following is the way to power on/off the camera.

① Buckle Detection

Buckle the camera into the main unit mount, the camera will automatically power on and start recording. Remove the camera from the main unit mount, the camera will power off automatically.

② Vibration Detection

When pick up the helmet with camera and the main mount buckled, the camera will automatically power on and start recording. If the helmet idles for 3 minutes, the camera will power off automatically. This is for the rider's convenience to store the helmet in the cabinet without taking out camera.

*This function is activated on the premise that the camera is buckled with the main unit mount, and "Vibration Detection to turn on/off the device" on app's [Camera Setting] is turned on.

3 Charging

When the camera is charging, the camera will power on and Wi-Fi will be turned on, too. Connect app for camera setting or files review. Camera will power off if app is not connected and used in 3 minutes.

**Main unit is apart from main unit mount.

**Main unit won't record when charging.

Note:

1. When the camera is buckled into the main unit mount, it will automatically power on and start recording, indicated by a slow-flashing Blue LED light. The recording file will be saved onto the microSD card. When the card reaches capacity, the loop recording function will overwrite the oldest file to make room for new files and continue recording.
2. If the Blue LED is not flashing, check if the memory card is inserted. If the card is existed, try to format the card or change a new card.

8. Wi-Fi Connection

When the camera's Wi-Fi is turned on, using your smartphone, search nearby Wi-Fi networks for MUFU_V11S Pro_xxxxxx and tap to connect. Enter password **12345678** to connect to and control the camera. Followings are ways of turning on Wi-Fi.

- ① When secured into the main unit mount, the camera and its Wi-Fi will automatically power on. If the camera doesn't connect with the MUFU Video app within 3 minutes, Wi-Fi will be disabled automatically to preserve battery life. If you want to turn on Wi-Fi once again, simply remove the camera from the mount, wait for all indicator lights to turn off, and buckle it in once again to power on the camera and reactivate the Wi-Fi.
- ② When the camera takes out main unit mount and charges with USB-C cable, it will turn on Wi-Fi and enable to use app. The camera will not record in charging mode. The camera will power off if the app is not in use for 3 minutes.

Note:

1. Your smartphone must be within a maximum 5-meter distance from the camera with no buildings in between.
2. The language of the app will be consistent with your smartphone. Beyond the language options, the app will be activated with the default language.
3. Once the camera is connected with computer, it will enter USB mode. It's able to read and download the files from the camera. In this mode, camera won't turn on Wi-Fi.

9. Install & Uninstall

9.1 Install

- ① Buckle the camera into main unit mount. Blue indicator lights up.



② Put ① buckled camera and mount on the top of helmet. Temporarily fix it in order to adjust the best view angle.



③ Make sure your phone is connected with MUFU_V11S Pro_xxxxxx via Wi-Fi, and open the MUFU Video app to check preview image. Move right or left, forward or backward the mount to obtain the best recording image angle



- ④ After the recording angle is confirmed, pull down the camera and the main unit mount from helmet. And take the camera and main unit mount apart.
- ⑤ Wipe the newly confirmed helmet sticking area, and after its surface dries, peel off the protective plastic sheet from the adhesive pad on the main unit mount, stick and press the main unit mount to the helmet. Wait for 12 hours for firmly fixing. And then buckle the camera on the main unit mount and start using.




9.2 Uninstall

Press the lock on right side of the main unit mount, push the camera to left side to remove it.



10. Calibrate and Format

After adjusting your viewing angle, tap  in the MUFU Video app to enter [Camera Setting]. On first use, be sure to calibrate the “Tilt Sensor” and “Format” the microSD card.

1 Calibrate the Tilt Sensor

Hold your motorcycle upright, straight, and as still as possible. The camera buckles on the main unit mount at the helmet. Put the helmet on your head and sit down on the motorcycle. Then, tap on “**Tilt Sensor**” in the menu so the camera can calibrate the internal tilt sensor. After calibration is completed, if the camera detects that the motorcycle is toppled over, it will trigger emergency recording automatically. This is indicated by the blue LED going from a slow flash to a rapid flash. Emergency recordings are stored in the emergency video folder. When the folder reaches capacity, app will remind with “Emergency video files will be overwritten by loop recording. Backup important files.” Please check and backup emergency files regularly.

2 Format microSD card

Tap “Format” in the menu to format microSD card. It is recommended to format your



card at least once a month to ensure that it is working properly. Backup important files before format SD card.

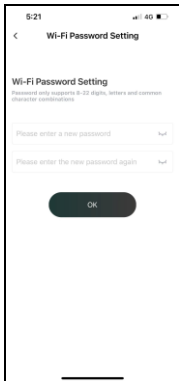
Note:

1. DO NOT remove or insert memory card when the camera is in power-on status. This may cause memory card damage or data loss.
2. 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.
3. "Emergency Record" can be disabled from app. The emergency folder is occupied 20% capacity of memory card. Even this function is disabled, the space is still reserved.

11. Change Password

To change the Wi-Fi password, follow the steps below. If leave it unchanged, the default password is **12345678**.

- ① Open MUFU Video app , and tap  to enter [Camera Setting],
Next, tap [Wi-Fi Password Setting].



- Enter your new password.
- Enter your new password again to confirm.
- Tap “OK”, and screen will show message of “The camera needs to be reconnected after completion, please confirm the change?”. Tap “OK”.
- It will automatically lead to previous page. The screen will show “Please ignore the network named MUFU_V11S Pro_xxxxxx in the [Settings-Wi-Fi] option of the iPhone, and then enter the new password to rejoin.”
- Close app, and follow by step 2 to re-connect Wi-Fi.



- 2 iPhone users: Open the Wi-Fi connection menu and tap the icon ⓘ by side of MUFU_V11S Pro_XXXXXX network. Next, tap “Forget This Network” and confirm your decision. ***Note:** Android phone user can skip this step.





- 3 Next, tap the V11S Pro network again to re-enter your new password and reconnect your smartphone to the MUFU Video.

Note: Be sure to remember your new password. If you forget your new password, a factory reset will be necessary.

12. App Operation

1 Main Screen



Icon	Description
	MUFU logo / microSD card message
	Preview image
	Rotate 180°preview image
	Full screen preview



Start / Stop recording



Take snapshot



Camera Files (review recorded files in V11S Pro's microSD)



Camera Setting

Main unit power



Note: the remaining battery

Emergency video files will be overwritten by
loop recording
Backup important files



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.

Note:




1. The MUFU Video 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.

② Playback, delete, and download recordings

Use this feature to playback, delete recordings, or download recordings from the camera to your smartphone.



1. Tap the icon [Camera File] to enter file playback list. Recording will stop.
2. The files save in the V11S Pro' microSD card will be listing on your smartphone. There are three folders, Loop, Snapshot and Locked. 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 V11S Pro's 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, we recommend connecting directly to a PC/Mac via USB Type-C cable.

3 Album

Use this feature to playback or delete the file that you download to your smartphone. 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.

4 Camera Setting

Use this feature to set up your preferred options.



1. Tap icon [Camera Setting] on main screen. The camera will stop recording.
2. See available settings below and adjust to your preferred options.

Menu	Description	Options
Vibration Detection to Power On/Off	When pick up the helmet with camera mounted, the camera will automatically power on and start recording. If the helmet idles for 3 minutes, the camera will power off automatically. *The camera must be mounted with the mount.	On / Off
Audio Recording	Enable/Disable audio recording.	On / Off
Recording Interval	Set the length of each individual recording.	1min / 3min
Tilt Sensor	Calibrate the Tilt-Sensor for topple-over detection.	Yes / No

Emergency Recording	Enable/Disable emergency recording function. *The emergency recording folder is occupied 20% of memory card. Even it turns off, this capacity is still occupied.	On / Off
Format	Format the memory card in the camera. This will delete all contents permanently.	Yes / No
Wi-Fi Turn-on Time	Set the Wi-Fi activation duration. *Active Wi-Fi will decrease total recording hours	Always on / 3min off
Watermark	Watermark includes brand, model, car speed, longitude and latitude, and date/time.	On / Off
EV Setting	Set the Exposure Value of camera	+3 ~ -3
Wi-Fi Password	Change the Wi-Fi password. (Default: 12345678)	
Default Settings	Reset the camera to factory default settings.	Yes / No
Firmware Version	Indicates the current firmware version of the camera.	

13. Specifications

Item	Description
Image Sensor	2MP CMOS sensor
Effective Pixels	1920 (H) x 1080 (V)
Storage Media	Suggest V30 or higher microSD card, up to 128GB
Lens	Wide angle fixed focus waterproof lens Aperture : up to F/1.8
Video File	Resolution : 1080P/ 30 fps
	Format : TS
Picture File	Use App to take snapshot
	Format : JPG

G-sensor	3-Axles G-Force sensor
GPS	N/A
Wi-Fi	Built-in
Microphone	Built-in
Battery	4000mAh
Operating Temperature	-10° ~ 60° C
Operating Humidity	20 ~ 70% RH
Storage Temperature	-20° ~ 70° C
Size	47.0 x 72.1 x 30.0 mm
Weight	Approximately 118g

14. Optional Accessories

Contact distributor to purchase additional accessories for the camera.

Helmet Mount	GoPro Type Mount	Rear-View Mirror Mount	License Plate Mount
			
Rear-View Mirror Mount (Z type)	Car/Moto 3M Mount	Carry-on Power Key	
			



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機車行車記錄器
使用說明書

謝謝您購買**MUFU**行車記錄器。本產品專用於機車行車時之即時錄影。本公司已盡全力確保本使用者手冊正確與完整。倘若有內容錯誤或遺漏，或是未來有規格或配件變更，本公司保留自行修正之權利，請上官網查詢最新版本說明書。

注意事項

- ❖ 使用前請撕除鏡頭保護膜。
- ❖ 不要用手指碰觸鏡頭。手指上的油垢可能會留在鏡頭上，導致影片或照片不清楚。請定期清潔鏡頭。
- ❖ 第一次使用請先為主機充飽電。使用原廠標配之 **USB type C** 充電線為主機充電。請勿使用其他廠牌以免主機燒毀。關機充電過程中紅燈恆亮，充飽電後綠燈恆亮。不支援快充。
*充電頭建議使用 **5V，2A** 以上（含），**USB type A** 孔。
- ❖ 主機若長時間未使用，會造成內置的鋰電池因低電壓保護而無法使用，因此，若長時間不使用主機，也請至少每六個月充電一次。
- ❖ 使用前請先下載 **MUFU Video app**。**Wi-Fi** 初始連線密碼為 **12345678**。
- ❖ 主機開機後，**Wi-Fi** 會自動開啟，若 **3** 分鐘內未連線，**Wi-Fi** 會自動關閉以節省用電量。若要重新開啟 **Wi-Fi**，請重新插拔主機，重新開機。
***Wi-Fi** 開啟及使用次數會影響錄影總時數。*錄影總時數亦會因電池老化而遞減。
- ❖ 主機連接 **USB type C** 充電線時，主機會自動開機並開啟 **Wi-Fi**，連線手機 **app** 即可設定主

機或查看錄影檔案。開機 3 分鐘內未連線或是 Wi-Fi 連線後 3 分鐘未使用 app，主機會自動關機。若要重新開啟 Wi-Fi，請重新插拔充電線，重新開機。






- ❖ 建議使用 microSD 速度等級 V30 以上，且內存容量 32GB 以上的 microSD 卡。
- ❖ 請定期同步時間及格式化記憶卡(建議一個月一次)。
- ❖ **在環境溼度過高或溫差過大時，鏡頭有可能出現薄薄的水氣或起霧，這是正常現象，此時只需取出 microSD 卡，以維持打開卡蓋的方式，讓 SD 卡槽及 USB 槽開口放置幾個小時，直到內部水氣或起霧現象消失後，再行使用。**
- ❖ 主機支架因經常性與主機相扣造成的摩擦刮痕屬正常現象，不影響使用。因產品出廠前測試，造成主機支架會有些微摩擦刮痕，此屬正常現象。
- ❖ 請務必依照說明書指引安裝穩固後再騎乘上路，以免產品於騎乘中脫落造成產品損傷或導致意外。
- ❖ 由於市場上記憶卡規格眾多，且品質良莠不齊，本公司產品不保證所有記憶卡皆能相容。若有記憶卡異常，導致無法存儲記錄影像，與行車記錄器無直接關係，請您至記憶卡購買處更換新卡即可。
- ❖ 自行拆解、替換零件或維修本產品，您的保固將會無效。

1. 包裝內容物

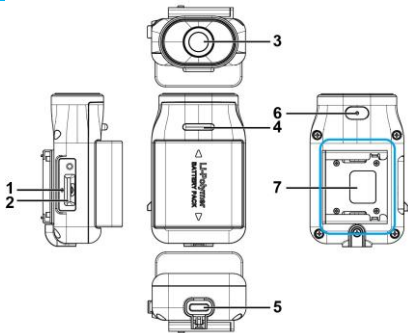
以下為包裝內容物。若有任何遺漏或損壞項目，請立即聯絡我們的線上客服。

LINE 線上客服






主機	安全帽主機支架	充電線/數據線 (type C)	說明書	保卡
				

2. 產品概要說明



編號	名稱	編號	名稱
1	Reset孔	5	USB type C 接口
2	microSD卡槽	6	麥克風
3	鏡頭	7	支架連接處
4	LED指示燈		

3. LED指示燈說明

 錄影指示	藍燈閃爍	錄影中
	藍燈恆亮	開機未錄影
	藍燈快閃	緊急錄影
 充電指示	紅燈恆亮	充電中
	紅燈熄滅	充飽電
 電量指示	綠燈快閃	低電量
	綠燈恆亮	充飽電
USB 模式	紅燈恆亮	連接電腦，可讀取記憶卡 (不可連接主機支架)

備註：首次使用前，請使用包裝內附的 **type C** 充電線先為主機充飽電。

4. 提示音說明

提示音	說明
嗶一聲持續 5 秒， 間隔 30 秒再警示一次， 共警示 3 次	未插卡/卡錯誤/有插卡未錄影
嗶三聲	開機第一次錄影
嗶一聲持續 3 秒後嗶三聲， 共警示 2 次	低電量提醒 (大約 10 分鐘後會關機)
嗶二聲	低電量關機/支架拔除關機

5. 插入microSD卡

打開microSD卡蓋，記憶卡之金色接腳面朝下，如圖示插入記憶卡。蓋上microSD卡蓋。



卡蓋必須密合於主機，以防止水氣進入，造成鏡頭起霧現象。可先向左插入卡槽邊緣，再壓合卡槽右邊緣。操作方式如下示意圖。



6. 下載手機APP

初次使用，請先使用手機下載並安裝 **MUFU Video** app。

MUFU
More Images For You

掃描以下QR code或是從應用商店 Google Play 或 AppStore 搜尋 **MUFU Video** 並下載及安裝。



iOS



Android

App 的介面和功能可能會因 App 版本的不同而改變，請以 Google Play 或 AppStore 應用商店下載的最新版本為主。

7. 開機與關機

主機可使用以下方式開關機。

① 即扣即錄感應式開關機：

主機扣入主機支架，就會自動開機並且開始錄影。主機自主機支架拔除，就會自動關機。

② 動作感測式開關機：

已安裝在安全帽上的主機，於靜態放置處取出安全帽，主機就會自動開機並且開始錄影。靜置不動 3 分鐘後，主機就會自動關機。方便騎士直接收納安全帽於機車收納箱內，無須拔除主機。

****使用此功能的前提是，主機需與主機支架相接，並於 app 記錄器設定中開啟“動作感測開關機”。**

3 充電時開機：

主機連接 USB type C 充電線時，主機會自動開機並開啟 Wi-Fi，連線手機 app 即可設定主機或查看錄影檔案。開機 3 分鐘內未連線或是 Wi-Fi 連線後 3 分鐘未使用 app，主機會自動關機。

**主機不能連接主機支架。

**充電時主機不錄影。

備註：

1. 錄影時，錄影指示燈藍燈慢閃，錄影檔案會儲存於microSD卡的"錄影"資料夾；藍燈指示燈快閃，則為緊急錄影，錄影檔案會儲存於microSD卡的"緊急錄影"資料夾。若資料夾空間已滿時，循環錄影功能會將該資料夾中最舊的檔案覆蓋掉，並且繼續錄影。
2. 錄影指示燈藍燈恆亮但不閃爍，則為不錄影狀態，請檢查是否插入microSD卡，或是記憶卡異常，請更換新卡或是格式化卡。

8. Wi-Fi 開啟及連線手機APP

主機Wi-Fi開啟後，使用手機Wi-Fi功能，搜尋MUFU_V11S_Pro_xxxx (後四碼為隨機碼)，點選確認之後，輸入初始密碼**12345678**，連結主機後，即可打開手機已下載的MUFU Video開始設定或是操作其他功能。主機Wi-Fi開啟方式如下：

① 將主機扣入主機支架，主機自動開機錄影，同時開啟Wi-Fi。

開啟Wi-Fi後，若未使用app，預設3分鐘後主機會自動關閉Wi-Fi以節省電量，並繼續錄影。若要再次開啟Wi-Fi，可自主機支架拔下主機，待主機關機及LED熄滅後，再次扣入主機，即可重新開啟Wi-Fi。

② 主機自主機支架卸除/關機後，在沒有主機支架的情況下，使用USB type C充電線連接行動電源或是插座，可為主機充電，同時開啟Wi-Fi。主機開啟Wi-Fi後，主機只能與手機連線使用app，主機不錄影。Wi-Fi開啟後，若未使用app，預設3分鐘後主機會自動關機。

備註：

1. 手機與主機 Wi-Fi 連線需在 5 公尺以內，並且沒有建築物阻隔。
2. MUFU Video app 的語言將與您的手機語言一致，非內建語言則為預設。
3. 主機只要連接電腦，主機就會進入USB模式，可透過電腦讀取或下載主機內的記憶卡資料，但主機不會開啟Wi-Fi。

9. 安裝與卸除

9.1 安裝

- ① 先將主機插入主機支架，主機藍燈亮起。



2 將 1 主機支架及主機置於安全帽上方，可先暫時固定以便調整鏡頭角度。



3 確認手機 Wi-Fi 連線至
MUFU_V11S_Pro_xxxx 裝置之後，開啟

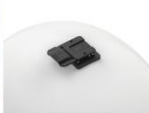
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MUFU Video app 連線至手機，
查看錄影畫面，可移動主機支架，以取
得前鏡頭最佳拍攝角度。



④ 調整好拍攝角度之後，即可將主機及主機支架自安全帽取下，將主機自主機支架拔除。

⑤ 將剛剛確認的安全帽黏貼位置徹底清潔擦拭乾淨，待其表面乾燥之後，撕下主機支架上的紅色離形紙，將主機支架黏貼上去，壓緊固定後靜置 12 小時，即可將主機扣上，開始使用。



9.2 卸除

向下按壓住主機支架右側的卡扣，同時向左移除主機。



10. 主機校正與格式化

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安裝完成，開啟 MUFU Video app 調整錄影角度之後，請再點選圖標進入記錄器設定。首次使用，請務必校正傾倒偵測及格式化 microSD 卡。

① 傾倒偵測校正：

請先將車身扶正，立好中柱。主機扣在安全帽上，戴上安全帽正坐在機車上，點選「**傾倒偵測校正**」選項，主機會自動偵測並設定騎士的正常使用角度，校正完成之後，騎乘時若遇意外，車身傾倒，主機會自動啟動緊急錄影，藍燈會快閃，檔案會儲存於緊急錄影資料夾內。緊急錄影資料夾錄滿時，app 會提示“緊急錄影即將循環覆蓋，請備份重要檔案”，請定期檢視及備份緊急錄影檔案。

② 格式化：

請點選「**格式化**」選項，格式化 microSD 卡。記憶卡因長期使用可能會影響寫入效能。為確保記憶卡可正常使用，主機會每 30 天提醒格式化一次，格式化前，請先備份重要檔案。

備註：

1. 主機在開機狀態時，不要取出或插入記憶卡，以免損壞記憶卡。
2. 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。
3. 緊急錄影可於app相機設定的「緊急錄影」選擇關閉。緊急錄影約佔記憶卡**20%**的空間。若設定關閉，此空間依然會被佔用。

11. 修改連線密碼

如欲修改 Wi-Fi 連線密碼，可按以下方式修改，如不修改，亦可繼續使用出廠初始密碼**12345678**。

① 開啟 MUFU Video app



，點選



圖標進入記錄器設定。再點選「**連線密**

碼設定」選項，出現以下畫面，



- 輸入您的新密碼
- 再次輸入您的新密碼
- 按下「確認修改」，畫面會顯示「完成後須重新連接記錄器，請確認是否更改」，請點選「確認」
- 自動返回上一頁，畫面會顯示「請在 iPhone 的”設定-Wi-Fi”選項中，忽略名為 **MUFU_V11S_Pro_xxxx** 的名稱，再輸入密碼重新加入」請按下確認
- 關掉 app，依照步驟 ❷ 重新連接 Wi-Fi



② iPhone 蘋果手機使用者，請重新點選手機的 Wi-Fi 連線，點選 MUFU_V11S_Pro_xxxx，進入訊息 (i) 畫面，再點選“忘記此網路設定”後會出現此畫面，此時點選“忘記”。

*備註: Android 安卓手機可略過此步驟。

③ 再次點選手機的 Wi-Fi 連線，重新點選 V11S Pro，輸入您更改後的新密碼，開啟 app，就可以正常使用了。






注意：設定新密碼之後一定要記住新密碼，若是忘記密碼，需要回到原廠重新更新韌體。

12. App操作說明

1 主畫面



圖示	敘述
	MUFU logo/記憶卡訊息
	預覽畫面
	全屏顯示

	<p>錄影/暫停錄影</p>
	<p>拍照</p>
	<p>180度翻轉拍攝畫面</p>
	<p>記錄器文件檔 (查看V11S Pro microSD卡內的檔案)</p>
	<p>記錄器設定</p>

<p>主機電量</p> 	<p>提醒: 主機剩餘電量</p>
<p>! 緊急錄影即將循環覆蓋 重要檔案請備份</p> 	<p>提醒: microSD卡內的緊急錄影資料夾已錄滿，將循環覆蓋舊檔案。請備份重要檔案之後，手動清空緊急錄影資料夾，這個提示就會消失。</p>


備註：

1. 開啟 app 時，V11S Pro 主機會自動將日期/時間與手機同步。
2. app 的介面和功能可能會因 app 版本的不同而改變，請以 Google Play 或 APP Store 應用商店下載的最新版本為主。

2 檔案播放、刪除及下載

您可以使用此功能播放或刪除**V11S Pro**拍攝的照片與影片，或是下載其照片與影片到您的手機。



4. 輕觸主畫面的  [記錄器文件檔] 可查看**V11S Pro** microSD卡內的檔案。查看檔案時，**V11S Pro**會暫停錄影。
5. 手機螢幕會顯示**V11S Pro** microSD卡內儲存的檔案清單縮圖，共有三個檔案區，一般循環錄影、拍照以及緊急錄影。直接點選該影片或是照片，可進行播放。
6. 若要刪除或下載，輕觸畫面右上方的“選取”，點選所需的影片，再點選下方圖標執行刪除或下載檔案。

圖示	敘述
	<p>下載檔案至本機相簿，下載成功後，會在[記錄器文件檔]的預覽縮圖顯示”已下載”，可離線於app的[本機相簿]打開檔案瀏覽，無須連接V11S Pro。</p>
	<p>刪除檔案，刪除V11S Pro microSD卡內文件。</p>
	<p>下載成功後，會在[記錄器文件檔]的預覽縮圖顯示”已下載”。</p>

備註：



1. 若播放影片時，無法播放聲音，請檢查相機設定是否開啟錄音功能，若已開啟錄音功能，表示該手機不支援影音解碼並非檔案問題。如欲觀賞完整的影音，請將檔案下載至您的手機，並為手機安裝其它的影音應用程式，如VLC.....等，以播放下載的影片。
2. 刪除的檔案不能回復。刪除前請確保重要檔案留有備份。
3. 由於拍照功能是使用app拍照，因此會同時儲存於記錄器microSD卡及app的本機相簿，記錄器文件檔的拍照預覽縮圖會標記“已下載”。
4. 大量影片及照片檔案下載或讀取，建議透過 type C線連接電腦使用。

3 查看本機相簿

檔案下載成功後，可於app的[本機相簿]打開檔案瀏覽，無論是否連接主機V11S Pro，皆可瀏覽檔案。



3. 在首頁點選下方的 [本機相簿]。(若主機有連接app, 主機會暫停錄影。)
4. 點選欲播放的影片或是照片執行播放、刪除或是編輯等。

圖示	敘述
	可編輯影片或是照片。
	可將影片或是照片分享至社群軟體。
	影片截圖。
	可將影片或是照片保存至手機的相簿。保存成功，畫面會出現“儲存到系統相簿成功”的提示，手機的相簿會自動產生一個資料夾“MUFU Video”。
	刪除檔案，刪除儲存於app本機相簿的檔案，但不影響V11S Pro microSD卡內的檔案。

4 編輯影片或照片

於App的[本機相簿]打開已下載的檔案，點選下方  圖示，可編輯影片或照片。

1. 編輯影片：可移除原音。多款背景音樂可供鑲入影片。
2. 編輯照片：可剪裁照片。多款濾鏡可供變化照片色彩。

5 記錄器設定說明

您可以使用此功能設定個人喜好的選單。



3. 輕觸主畫面下方的 **[記錄器設定]**。主機V11S Pro會暫停錄影。
4. 可用選單如表，請依個人需求或喜好進行設定。

目錄選項	描述	可用選單
動作感測開關機	主機於靜態放置處拿起即啟動開機。主機靜置不動 3 分鐘後會自動關機。 *主機需與主機支架相接。	開 / 關
麥克風	設定錄影時是否錄音。	開 / 關

錄影間隔	主機依循您所設定的影片長度將錄製的影片儲存為各個檔案。	1分鐘 / 3分鐘
傾倒偵測校正	主機安裝完成，請使用此功能校正三軸重力感應值 (G-sensor)。	取消 / 確認
緊急錄影	可設定開啟或關閉緊急錄影功能。 *緊急錄影佔記憶卡約 20% 的空間，若設定關閉，此空間依然會被佔用。	開 / 關
格式化	將主機中的記憶卡格式化，所有的檔案都將喪失。	取消 / 確認
Wi-Fi 功能	設定開機後Wi-Fi常開或是3分鐘後關閉。 *Wi-Fi開啟會影響總錄影時數。	常開 / 3分鐘自動關閉
浮水印	影片浮水印包含品牌、型號及日期時間。	開 / 關
EV 設置	設定曝光值。	+3 ~ -3
連線密碼設定	設定連線密碼。	
回復原廠設定	將系統回復到出廠的設定。	取消 / 確認
韌體版本	顯示行車記錄器當前韌體版本。	

13. 規格

項目	說明
感光元件	2 百萬 CMOS 感光元件
有效畫素	1920 (H) x 1080 (V)
儲存媒體	建議 V30 以上速度的 microSD 卡，最高可支持 128GB。
鏡頭	廣角定焦防水鏡頭 光圈：達 F/1.8
影片檔	解析度：1080P/ 30 fps
	格式：TS
照片檔	使用 App 拍照
	格式：JPG
重力感應器	3 軸重力感應器

項目	說明
GPS	無
Wi-Fi	內建
麥克風	內建
電池	4000mAh
操作溫度	-10° ~ 60° C
操作溼度	20 ~ 70% RH
儲存溫度	-20° ~ 70° C
尺寸	47 x 72.1 x 30 mm
重量	約 118 克

內建 IEEE 802.11g/n(HT20) Wi-Fi晶片：RTL8188FTV

Wi-Fi 頻寬	2412~2462MHz
Wi-Fi 頻道列表	Ch1~Ch11

14. 選購配件

請洽官網 www.mufu.com.tw 選購

安全帽背膠支架	GoPro 型支架	後照鏡支架	機車車牌支架
			
後照鏡支架 (球頭型)	汽車/機車背膠支架	開機片	
			

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 ⁺⁶)	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	○	○	○	○	○	○
線材	○	○	○	○	○	○

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.

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.

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.

NCC 警語

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

本產品內含發射器晶片：RTL8188FTV



NCC 號碼詳見外包裝

安全注意事項

- ❖ 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產品，以免發生危險。
- ❖ 使用前，請先以專屬APP連線同步本產品與手機的時間。
- ❖ 本產品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。

- ❖ Wi-Fi 訊號無法穿透建築物，訊號距離上限為 5 公尺。
- ❖ Wi-Fi 運作頻道表：Ch1~Ch11.
- ❖ 本產品運用無線資料通訊，可能會干擾鄰近的裝置，或受臨近裝置所干擾。
- ❖ 請勿在微波爐附近或任何會產生磁波及無線電干擾之處使用本產品。
- ❖ 在特定環境下無線電波效果接收可能較差。
- ❖ 請注意若有其他裝置也使用本產品所使用的 2.4GHZ 頻段，則兩者的處理速度皆有可能變慢。
- ❖ 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。
- ❖ 本產品的射頻可能干擾其他電子設備發出的射頻，產生負面影響並造成故障狀況。無線發射器和電路亦可能會干擾到其他電子設備，因此請遵守下列注意事項：
 - 飛機：當您搭乘飛機時，禁止使用無線發射器，請您關閉本產品的 Wi-Fi 功能。
 - 車輛：本產品發出的射頻可能會影響機動車輛中的電子系統，請您與該機動車的製造商或代理商洽詢車輛的問題。
 - 心律調節器：為避免對心律調節器造成潛在性的干擾，配戴心律調節器的人士應注意裝置啟用時，本產品與心律調節器之間的距離應保持在 15 公分 (6 英寸) 以

上，並且請勿將本產品置於胸前口袋。若懷疑發生干擾現象時，請立即將本產品電源關閉。

- 醫療裝置：若您使用任何個人醫療裝置，請詢問裝置製造商或醫生，確認您的裝置是否可充分屏蔽本產品發出的射頻。
- 醫療機構：醫院和醫療機構可能使用對外部射頻能量敏感的設備，當醫療人員或張貼的標誌指示您關閉會干擾射頻的設備時，請遵守指示。
- 爆破區域與張貼告示的場所：若要避免干擾爆破作業，請在“爆破區域”或標示“關閉雙向無線電”的區域裡，遵守所有的標誌與指示關閉會干擾射頻的設備。

❖ 本公司對於操作中任何資料／內容的損失概不負責。

❖ 產品應用免責聲明：
請掃描下方QR code並詳讀產品應用免責聲明。



開始使用本產品視為同意以上聲明事項。