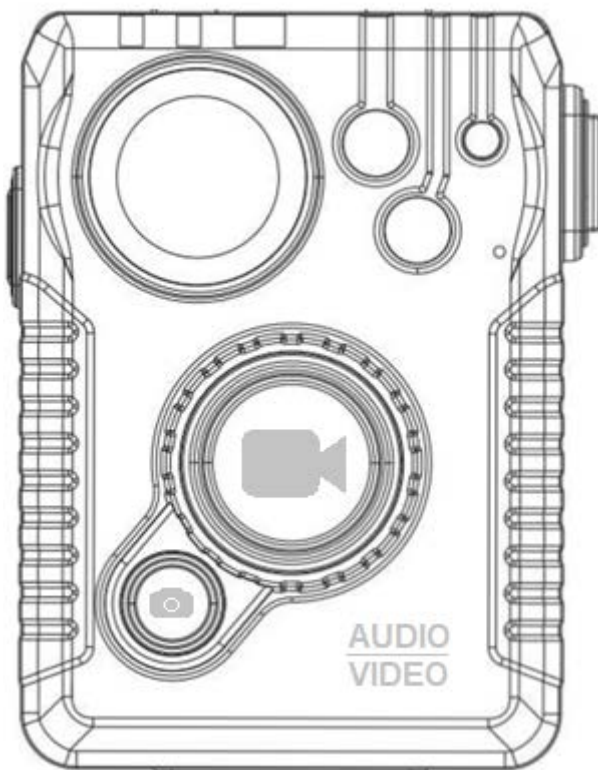


The Partner

--- MK4 ---

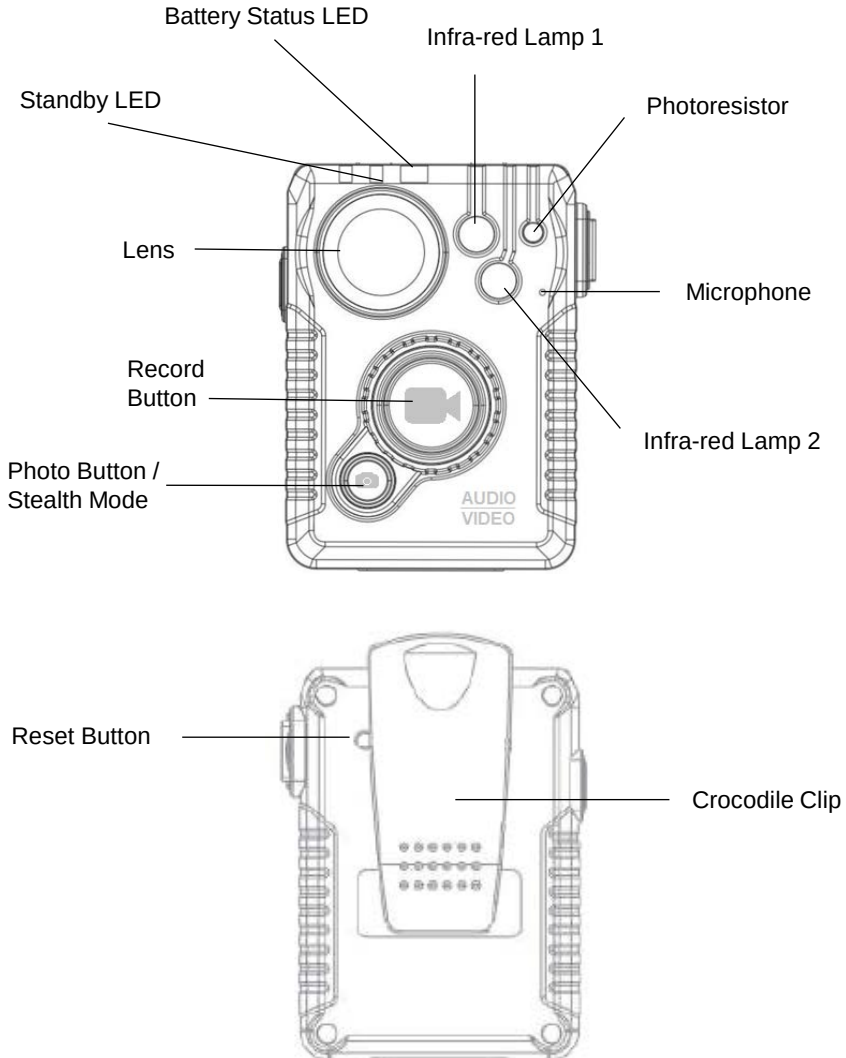


USER MANUAL

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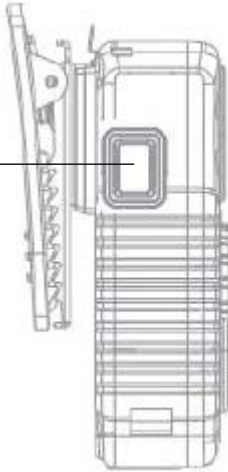
- [The Partner MK4 Hardware Layout](#)
- [Quick Use Guide](#)
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The Partner MK4 Hardware Layout

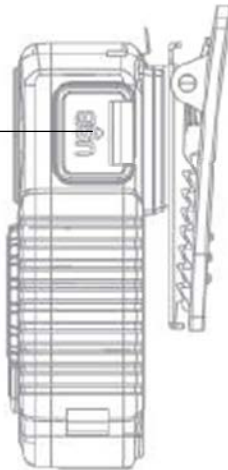


The Partner MK4 Hardware Layout

Power Button



USB C Port



Quick Use Guide

Power On

There are two ways to turn on the camera.

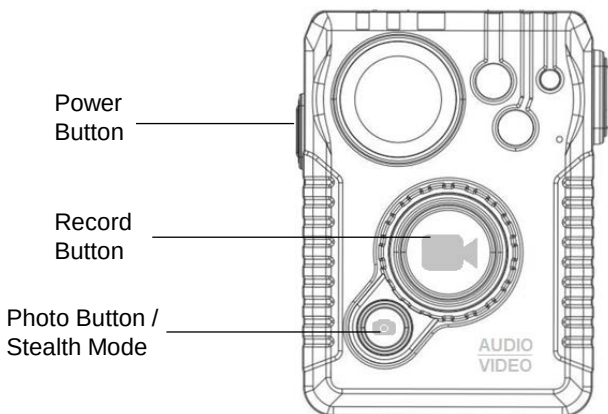
- 1.) Hold the Power Button for 3 seconds. It will turn on into standby mode.
- 2.) Hold the Record Button for 3 seconds. It will turn on and start recording.

Recording

Depending on what defaults you have set through the camera manager, you can start recording either by pressing the Record Button once or by double pressing it. The Partner MK4 must be in standby mode to do this. To turn off recording, hold the Record Button until you hear an audible beep or the LED goes from Red to Green.

Snapshot

To take a snapshot, simply press the Photo Button which is the smaller button next to the record button on the front of the camera.



Quick Use Guide

Stealth Mode

Activating Stealth mode will disable the LEDs on the top of the camera as well as the audio alarm for discreet recording and photos. You can do this by holding the Photo Button for 3 seconds. To deactivate Stealth Mode, hold the same button for another 3 seconds.

Powering Off

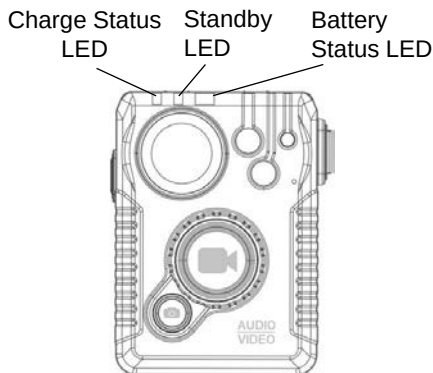
To turn off your Partner MK4 from standby, just hold the power button for 3 seconds. You should see all of the LEDs shutdown to show that the camera is powered-down and not in standby mode anymore.

LED Indicator Lights

The Partner MK4 has 3 indicator LEDs at the top. The Charge Status LED will display blue when the camera is charging. If the camera is on charge and the blue LED turns off, the camera has finished charging.

The Standby LED is green when the camera is turned on but not recording, solid red when recording and flashes red when the camera is using pre-record.

The Battery status LED is green to show the battery level is above 50%, amber to show it is below 50% and red to show it is below 10%.



Initial Setup

Essential Components

The Partner MK4 Body Worn Camera is a full professional video recording system that consists of several elements.

The body camera itself is the primary component, with the solo-dock, Camera Manager, DEMS Software and attachments all there to help you get the most from it.

The body camera will record video and take photos. The Camera Manager software is used to manage your preferred settings on the camera as well as unlock the internal storage to access the files. The crocodile clip and KlickFast attachment allow you to mount your device on your uniform or wherever convenient.

The solo-dock is used to download footage and to charge your Partner MK4 Body Camera.

The Digital Evidence Management Software (DEMS) is an optional extra that allows you to manage your footage complete with Audit Log and automatic de-encryption.

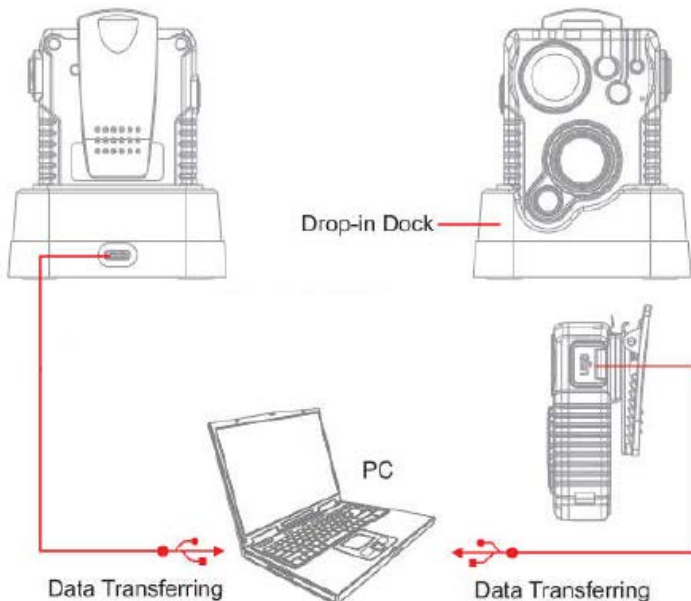
You will also need a PC or Laptop with a decent amount of storage to hold your footage. We recommend 1TB but how much you will require depends on how long you need to hold footage, how often you record and what resolution and encoding settings you choose. The Partner MK4 Camera Manager is compatible with Windows XP, VISTA, 7, 8, 10 & 11.



Initial Set Up

Getting Started

Take your Partner MK4, Solo-Dock and USB cable out of the box. Plug the USB cable into a PC or Laptop and the smaller end into the back of the dock. Now insert your body camera into the solo-dock. You can also plug the camera directly into the computer using the provided USB.



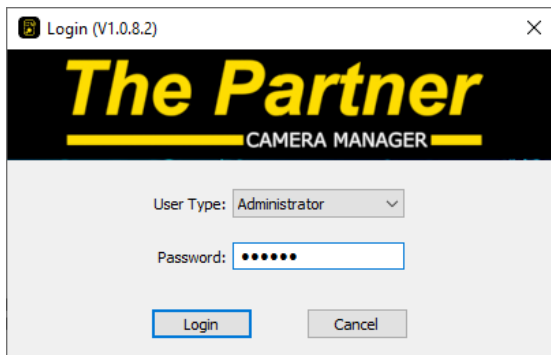
Using your included software USB, find the Camera Manager Installer and run it. Installing new software will require admin permissions so it may be worth contacting your I.T. team beforehand.



The Partner MK4 Camera Manager

Logging In

Run your newly installed Partner MK4 Camera Manager and you will be greeted with a login screen. Select Administrator and enter the administrator password.



For your default password, please consult your Interconnective issued version of this manual.

We strongly recommend that once you login that you change the password right away. Please ensure that you keep the password safe as if you lose it, you will be required to send the camera back to us for unlocking.

If you are using the DEMS software, it is better to restrict access to Camera Manager to authorised personal only as all general functions such as downloading footage can be done through there.



The Partner MK4 Camera Manager

Camera Info Tab

Once you have been logged in, you will see the Camera Info Screen. Here you can edit your watermark, access your internal memory and assign IDs and format the SD card should you wish too.

The screenshot displays the 'Cam Manager (V1.0.8.2)' application window. The title bar includes a close button. The main header features the 'The Partner' logo in yellow and 'CAMERA MANAGER' in white. Below the header, there are four tabs: 'Camera Info' (selected), 'Camera Settings', 'Encryption', and 'Password'. The 'Camera Info' tab contains two sections: 'Device Info' and 'Other'. The 'Device Info' section has fields for 'Model No.' (The Partner_MK4) and 'Barcode' (D41243DB4CDC). The 'Other' section includes fields for 'Device ID' (000000), 'Device Version' (V:20221229_H3.0_WIFI_), 'User ID' (000000), 'User Name' (empty), 'Battery Left' (99%), 'Customised Watermark' (empty), and 'Free Space' (29.1 GB of 29.1GB). At the bottom of the window, there are two rows of buttons. The first row contains 'Sync PC DateTime' (highlighted with a blue border), 'Format Disk', 'Refresh', and 'Apply'. The second row contains 'Camera Off', 'Camera Reboot', 'Open File Explorer', and 'Default Settings'. At the very bottom, there are 'Reconnect' and 'Exit' buttons.

Section	Field	Value
Device Info	Model No.:	The Partner_MK4
	Barcode:	D41243DB4CDC
Other	Device ID:	000000
	Device Version:	V:20221229_H3.0_WIFI_
	User ID:	000000
	User Name:	
	Battery Left:	99%
	Customised Watermark:	
	Free Space:	29.1 GB of 29.1GB

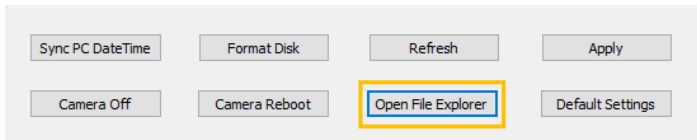
Buttons: Sync PC DateTime, Format Disk, Refresh, Apply, Camera Off, Camera Reboot, Open File Explorer, Default Settings, Reconnect, Exit



The Partner MK4 Camera Manager

How to Open the Internal Memory

In order to prevent unauthorised access to the internal storage, the Partner MK4 will not register as a drive option on your PC until you unlock the storage. To do this, you can click on Open File Explorer which will allow your standard windows explorer to recognise the drive.



This menu also lets you perform other administrative functions:

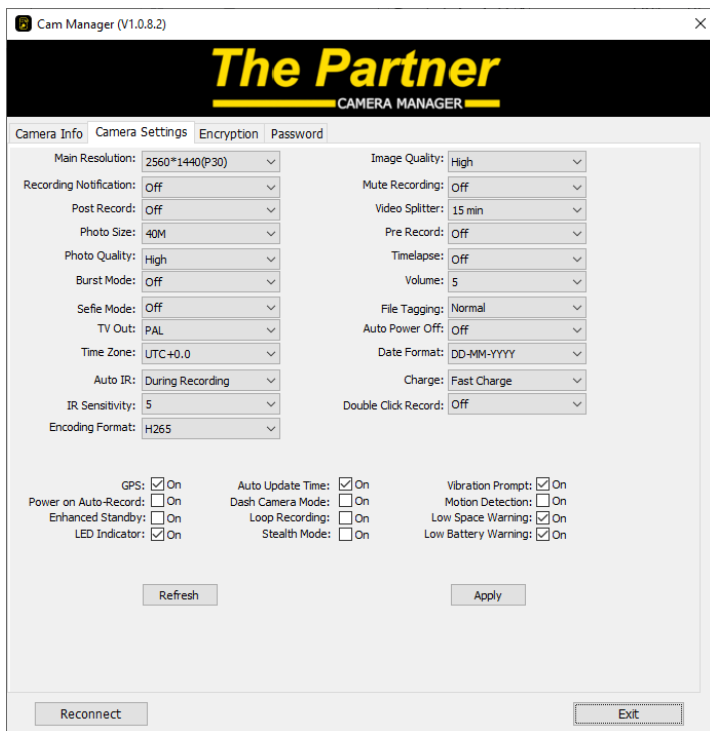
- 1) Sync Date/Time – Will sync the camera date/time to match that of your PC/Laptop.
- 2) Format Disk – This will wipe all files currently on the camera and take it back to its basic state.
- 3) Refresh – Refresh will remove any changes in Camera Manager that have not yet been applied.
- 4) Camera Off – Will turn off your camera
- 5) Camera Reboot – Will reboot your camera
- 6) Default Settings – Will return your camera to its' default state.



The Partner MK4 Camera Manager

Camera Settings Tab

The Camera Settings Screen is where you will be able to modify the majority of your Partner MK4 Body Camera's settings to meet your preference. From performance to notifications, volume, video settings and various notifications.



The screenshot shows the 'Camera Manager (V1.0.8.2)' application window. The 'Camera Settings' tab is selected, displaying a variety of configuration options. The settings are organized into two main columns. The left column includes Main Resolution (2560*1440(P30)), Recording Notification (Off), Post Record (Off), Photo Size (40M), Photo Quality (High), Burst Mode (Off), Selfie Mode (Off), TV Out (PAL), Time Zone (UTC+0.0), Auto IR (During Recording), IR Sensitivity (5), and Encoding Format (H265). The right column includes Image Quality (High), Mute Recording (Off), Video Splitter (15 min), Pre Record (Off), Timelapse (Off), Volume (5), File Tagging (Normal), Auto Power Off (Off), Date Format (DD-MM-YYYY), Charge (Fast Charge), and Double Click Record (Off). At the bottom, there are three sections of checkboxes: GPS (On), Power on Auto-Record (Off), Enhanced Standby (Off), LED Indicator (On), Auto Update Time (On), Dash Camera Mode (Off), Loop Recording (Off), Stealth Mode (Off), Vibration Prompt (On), Motion Detection (Off), Low Space Warning (On), and Low Battery Warning (On). There are 'Refresh', 'Apply', 'Reconnect', and 'Exit' buttons at the bottom of the window.

Setting	Value
Main Resolution	2560*1440(P30)
Recording Notification	Off
Post Record	Off
Photo Size	40M
Photo Quality	High
Burst Mode	Off
Selfie Mode	Off
TV Out	PAL
Time Zone	UTC+0.0
Auto IR	During Recording
IR Sensitivity	5
Encoding Format	H265
Image Quality	High
Mute Recording	Off
Video Splitter	15 min
Pre Record	Off
Timelapse	Off
Volume	5
File Tagging	Normal
Auto Power Off	Off
Date Format	DD-MM-YYYY
Charge	Fast Charge
Double Click Record	Off
GPS	☒ On
Power on Auto-Record	☐ On
Enhanced Standby	☐ On
LED Indicator	☒ On
Auto Update Time	☒ On
Dash Camera Mode	☐ On
Loop Recording	☐ On
Stealth Mode	☐ On
Vibration Prompt	☒ On
Motion Detection	☐ On
Low Space Warning	☒ On
Low Battery Warning	☒ On



The Partner MK4 Camera Manager

Camera Info	Camera Settings	Encryption	Password
Main Resolution: 2560*1440(P30) ▾		Image Quality: High ▾	
Recording Notification: Off ▾		Mute Recording: Off ▾	
Post Record: Off ▾		Video Splitter: 15 min ▾	

- 1) Main Resolution – Controls the resolution of the recordings. The P Number indicates frame rate per second. Remember that the higher the quality, the quicker that your memory and battery will be used up. With regards to battery life:
 - i. At 1080p you can get up to 12 hours of continuous recording
 - ii. At 720p you can get up to 13 Hours of continuous recording
- 2) Image Quality – Lets you adjust how high the quality of snapshot photos taken by the camera are.
- 3) Recording Notification – Lets you set an audio alert that will beep at regular intervals to let other know that you are recording
- 4) Mute Recording – Turns off audio record for the footage taken or just the Pre-recorded footage to save battery if required. Mute Recording must be set to Off to also record audio.
- 5) Video Splitter – Lets you choose the individual file length of each recording before a new one is created.



The Partner MK4 Camera Manager

Photo Size:	40M	▼	Pre Record:	Off	▼
Photo Quality:	High	▼	Timelapse:	Off	▼
Burst Mode:	Off	▼	Volume:	5	▼
Selfie Mode:	Off	▼	File Tagging:	Normal	▼

- 6) Photo Size – The number of pixels you want your snapshots recorded in. This is measured in megapixels.
- 7) Pre Record – Allows you to choose how long you want the Pre-Record function to hold footage in its buffer for. As this means that the camera is always recording, ready to save footage, it does affect battery life.
- 8) Photo Quality – Allows you to choose the quality of your photos from 3 presets, Low, Medium and High. This refers to the bitrate of the photo.
- 9) Timelapse – Allows you to have the camera continuously taking photos at set intervals once you have pressed the Photo Button. To stop taking photos, you would have to press the Photo Button again. If there is a conflict between Burst settings and this. Burst will take priority.
- 10) Burst Mode – Allows you to set the number of photos taken successively after the Photo Button is pressed.
- 11) Volume – This refers to the volume of the camera when it makes Audio alerts. This is the camera speaker volume and not the recording volume, 1 is the lowest setting with 0 being mute.
- 12) Selfie Mode – This is essentially a delayed Snapshot function that allows the camera to take photos of the user. You can select a duration on the drop down which will be the time between the Photo Button being pressed and the picture actually being taken. The camera will countdown by beeping.
- 13) File Tagging – Allows you to tag video footage with a number of presets for organisational purposes. Mainly used by Police Forces.



The Partner MK4 Camera Manager

TV Out:	PAL	Auto Power Off:	Off
Time Zone:	UTC+0.0	Date Format:	DD-MM-YYYY
Auto IR:	During Recording	Charge:	Fast Charge
IR Sensitivity:	5	Double Click Record:	Off

- 15) TV Out – Refers to a colour output system, any users not in North America should keep this as PAL
- 16) Auto Power Off - You can set the Partner MK4 body camera to turn off if it has been left in standby too long. It will only switch off in standby mode, not while recording.
- 17) Time Zone – Lets you choose your time-zone
- 18) Date Format - Lets you choose your date format
- 19) Auto IR: Lets you choose when automatic infra-red activates. Infra-red allows your to film in the dark. Having auto-IR always active can be a minor battery draw so you can choose whether to limit this. Sensitivity for when it kicks in is set under IR Sensitivity. IR Footage records in Grey Scale.
- 20) Charge – Determines the charging state, it is always recommended to have this on Fast Charge.
- 21) IR Sensitivity – This determines how low the light conditions in an area need to be before the automatic Infra-Red kicks in. The higher the sensitivity, the sooner it will activate as you start moving from light to darkness. If you only wish to activate it in complete darkness, you would set the sensitivity to a lower number.
- 22) Double Click Record – If this is active, you will need to press the Record Button twice rapidly to start recording as opposed to once.



The Partner MK4 Camera Manager

Encoding Format: H265

- 23) Encoding Format – The Partner MK4 is capable of using either H.265 or H.264 encoding. It is recommended that you use H.265 as this will greatly reduce the storage requirements per minute of footage.
- i. With H.265 your 32GB Storage can hold up to 11 hours at 1080p, 17 Hours at 720p
 - ii. With H.264 your 32GB Storage can hold up to 6 hours at 1080p, 8.5 hours at 720p

GPS: ☒ On	Auto Update Time: ☒ On	Vibration Prompt: ☒ On
Power on Auto-Record: ☐ On	Dash Camera Mode: ☐ On	Motion Detection: ☐ On
Enhanced Standby: ☐ On	Loop Recording: ☐ On	Low Space Warning: ☒ On
LED Indicator: ☒ On	Stealth Mode: ☐ On	Low Battery Warning: ☒ On

- 24) GPS – Allows you to activate/deactivate the GPS module in the camera and GPS tagging on video footage.
- 25) Auto Update Time – Activating this will use the MK4's GPS module to automatically sync time meaning that you do not have to do it yourself.
- 26) Vibration Prompt – This will activate/deactivate the vibration function on the camera. This means for standard alerts and even Stealth Mode, there will be no vibration alert if unchecked.
- 27) Power on Auto-Record – Enabling this option means that the camera will automatically start recording as soon as the camera is turned on.
- 28) Dash Camera Mode – Dashcam Mode will make your camera start recording continuously the moment it is plugged in to a power source such as a car charger.



The Partner MK4 Camera Manager

GPS: ☒ On	Auto Update Time: ☒ On	Vibration Prompt: ☒ On
Power on Auto-Record: ☐ On	Dash Camera Mode: ☐ On	Motion Detection: ☐ On
Enhanced Standby: ☐ On	Loop Recording: ☐ On	Low Space Warning: ☒ On
LED Indicator: ☒ On	Stealth Mode: ☐ On	Low Battery Warning: ☒ On

- 29) Motion Detection – This allows The Partner MK4 to be used as a makeshift security camera that will activate when there is motion within its' field of view. Once checked, start recording and it will capture footage until not more motion has been detected for 10 seconds.
- 30) Enhanced Standby – Enhanced Standby is essentially a sleep mode instead of the camera being fully powered off. The camera will do so after 1 minute of being idle. You just need to press the Record Button or Power Button once to bring it to normal standby rather than holding them and waiting for it to power up.
- 31) Loop Recording – When activated, The Partner MK4 will automatically overwrite the oldest footage once storage starts to run out. This means that you do not need to delete footage off the camera but will drastically lower how long you can keep footage for if you are not regularly downloading it.
- 32) Low Space Warning – Check this box to have audio alerts begin when you are running out of storage space.
- 33) LED Indicator – Unchecking this will turn off all LED notifications on the device including the battery indicator and record notifications.
- 34) Stealth Mode – Allow the activation of Stealth Mode by holding the Photo Button.
- 35) Low Battery Warning – Check this box to have audio alerts begin when you are running out of storage space.



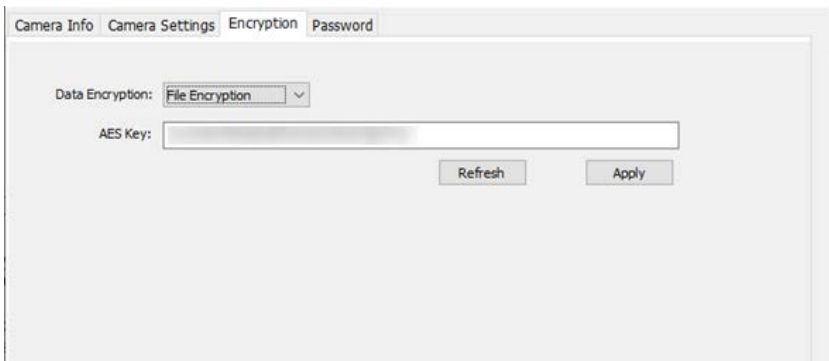
The Partner MK4 Camera Manager

Encryption Screen

The Partner MK4 Body Camera supports AES 256 Encryption. This means that once enabled, all footage that is recorded by the camera will be encrypted. Encrypted footage cannot be played or viewed unless it has undergone decryption.

If you plan to use encryption on your camera, we strongly recommend getting the Partner MK4 DEMS Software as individually de-encrypting files can be quite laborious. The DEMS software does this automatically.

To encrypt footage, got to the Encryption Tab.

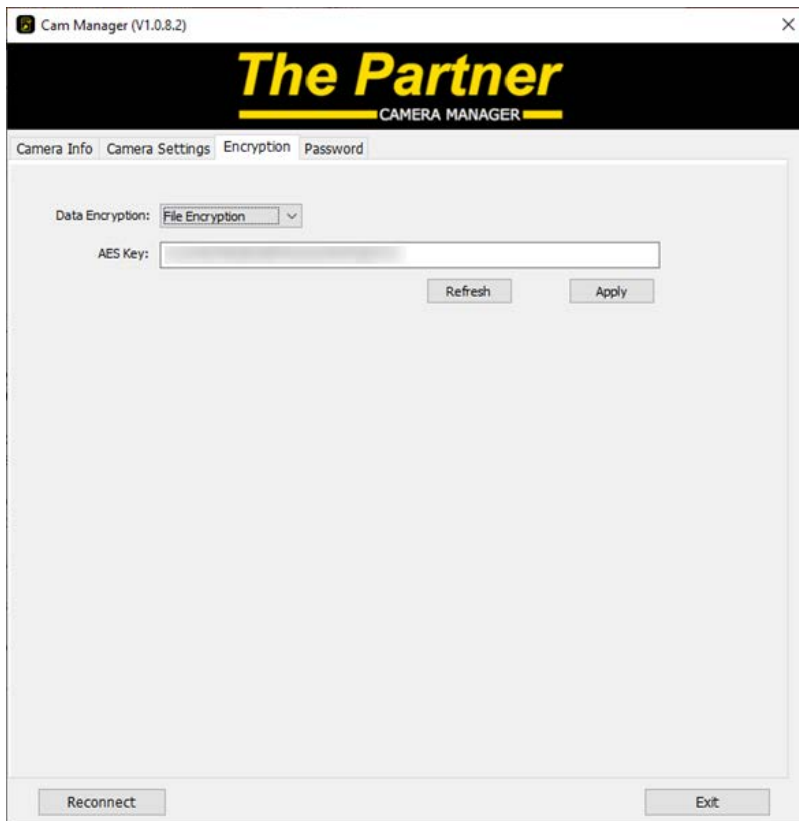


The screenshot shows the 'Encryption' tab of the 'Camera Manager' software. The interface includes four tabs at the top: 'Camera Info', 'Camera Settings', 'Encryption' (which is selected), and 'Password'. Below the tabs, there is a 'Data Encryption' section with a dropdown menu currently set to 'File Encryption'. Below this is an 'AES Key' section with a long, empty text input field. To the right of the input field are two buttons: 'Refresh' and 'Apply'.



The Partner MK4 Camera Manager

Click on Data Encryption and select File Encryption. All footage recorded will now be encrypted. If you are not an advanced user, we do not suggest trying to alter the encryption key or use a custom key.

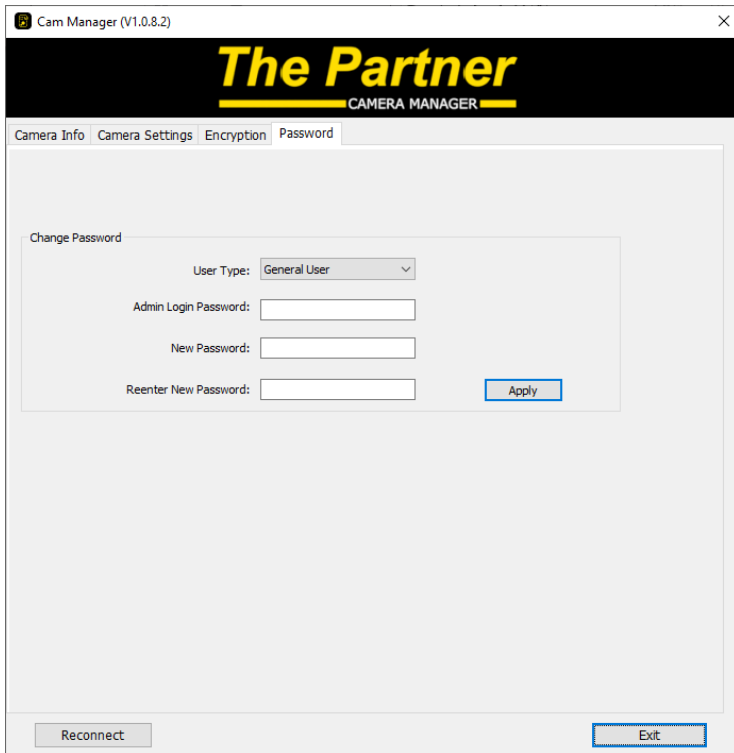


The Partner MK4 Camera Manager

Password

From this tab you can control the password settings for both Administrators and General Users.

Ensure that this password is kept somewhere secure as if you forget it, you will need to send the camera in to Interconnective to be unlocked where fees may apply.



The screenshot shows the 'Cam Manager (V1.0.8.2)' application window. The title bar includes a close button (X). The main header features the 'The Partner' logo in yellow and 'CAMERA MANAGER' in white. Below the header is a tabbed interface with four tabs: 'Camera Info', 'Camera Settings', 'Encryption', and 'Password'. The 'Password' tab is selected. The main content area is titled 'Change Password' and contains a 'User Type' dropdown menu set to 'General User'. Below this are three text input fields labeled 'Admin Login Password:', 'New Password:', and 'Reenter New Password:'. An 'Apply' button is positioned to the right of the 'Reenter New Password' field. At the bottom of the window, there are two buttons: 'Reconnect' on the left and 'Exit' on the right.



Spec Sheet

Size and Weight	
Dimensions	8.15cm x 5.8cm x 2.37cm
Weight	140g
Alerts and Indicators	
3 Colour LED Indicator for Camera Status	
3 Colour LED Indicator for Battery Level	
Programmable Audio Alarm	
Programmable Vibration Buzzer	
Durability	
IP67 Rating	Drop Tested to 1.8m
Video/Audio/Photo	
Coding: H.265/H.264	Lens Angle: 140 Degrees
Video Resolution	1440p/1080p/720p/480p
Video Format	MP4
Picture Format	JPEG
Audio Format	AAC
Security Features	
File Encryption	AES256 Encryption
Camera Manager Password Protection	Yes
DEMS Password Protection	Yes
Battery	
Recording Time	1080p/12 Hours, 720p/13 Hours, 480p/15 Hours
Standby Time	100+ Hours
Battery Type	3200mAh Lithium Polymer
Charging Time	4 Hours
Storage	
Internal Storage	32GB
Storage Capacity (H.265)	1080p/11 Hours, 720p/17 Hours
Storage Capacity (H.264)	1080p/6 Hours, 720p/8.5 Hours
Watermark	
User ID	Yes
Device ID	Yes
Date/Time	Yes
Geo-Tag	Yes
Customisable Strings	Yes

