

PATROLEYES

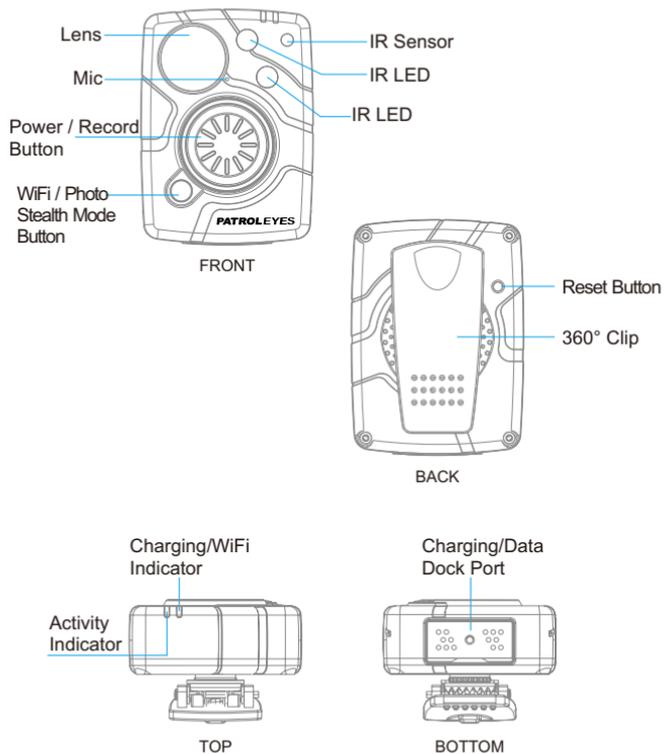
LITE



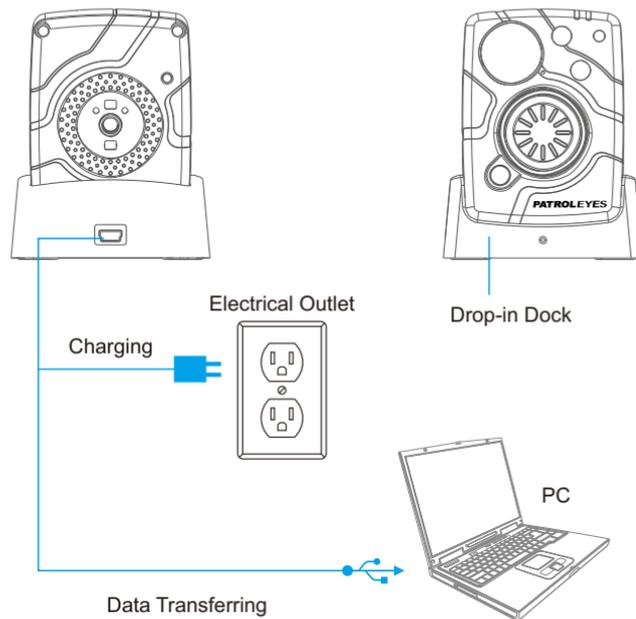
PE-LITE

USER MANUAL

Overview



Charging & Data Transferring



Before Use

Fully charge the camera using the included USB cable and charging dock for 3-4 hours. The charging indicator will turn blue when charging. When the device is fully charged, the blue light will turn off.

Confirm that the date and time on your device is correct and enter your device ID and badge ID through Cam Manager.

Wearing your Body Camera Properly

On your chest (uniform):

- Attach the camera clip to the front of your uniform.
- Rotate the camera clip and clip it to the top of your uniform.

On your shoulder:

- Using the optional epaulette mount, clip the camera to the bracket on the mount and attach the mount to your uniform.

ClickFast Mounts:

Optional magnet, molle and epaulette mounts now available.

Troubleshooting: If you are having problems with your camera, please first fully charge it and power it on, then press the reset button. Pressing the reset button will force the camera to shutoff. Press the power button to turn the device back on and your device should now be working properly.

Note: Resetting the device will not delete any files.

Getting Started

Basic Operation

1. Press and hold the big video record button (located in the middle of the camera) for about 2 seconds. You will hear a chime and the camera will power on. A green indicator light on the top of camera will turn on and enter into standby mode. The green LED indicator will remain on while the device is in standby mode.

2. The device settings, battery life, storage space, and saved media files can be viewed and edited via the Cam Manager (starting on page 8) or the smartphone app (starting on page 27). The smartphone app will also allow for previewing the camera view before and during recordings.

3. Press and hold the Power button for about 2 seconds to power off the device when camera is not recording. You will hear a sound and the camera will turn off. The green indicator light will also turn off.

4. Once Cam Manager is installed, login and click "Open File Explorer" to view or delete the camera's files. Your camera will be shown as a "Removable Disk", usually D: or E: drive in "This PC". Double click on the cameras drive and open the DCIM\100MEDIA folder to view, transfer, and delete files.

Audible Notifications

The camera uses audio chirps as a way of notifying you of the following:

1 beep every 10 seconds indicates your storage is now lower than 10% free, and green indicator will be blinking.

Getting Started

1 beep every 2 seconds indicates your storage is now almost full and the camera will stop recording soon.

1 beep every 5 seconds indicates that your battery is lower than 2% and your camera will shutdown soon.

When Bluetooth has been successfully paired = 2 beeps. When Bluetooth is disconnected = 4 beeps.

LED Indicators

Standby/WiFi:

Green = Standby mode

Blinking White = Searching for/Establishing WiFi

Solid White = WiFi connected/Active

Charging/Activity:

Blue = Charging (will turn off when fully charged)

Purple = Recording + Charging

Solid Red = Recording

Blinking Red = Pre/Post Event recording

Recording

Video Recording

To record a video, press the Record button (located on the front of the device). The device will give 5 audio chirps and the red indicator LED will turn on, indicating that the camera is now recording.

Press and hold the Record button for approximately 3 seconds to stop recording. The device will beep 7 times and the red indicator will turn back to green and the video will be saved. The device will now return to standby mode.

Photograph Feature

- To take photos, press the WiFi/Photo button (located on the front of the device under the Record button). The camera will give 3 audio chirps and take a photo similar to a digital camera.
- To take pictures while video recording, press the Photo button and the camera will take a picture without interrupting the video recording.

Pre and Post Recording

When pre or post event recording is enabled, the activity LED will blink red. Pre record event recording can be set for up to two minutes while post event recording can be set for up to one minute. To start normal recording while in pre event recording mode, press the record button and the activity LED will go from blinking red to solid red.

Power on Auto-Record

When the "Power on Auto-Record" function is switched on in Cam Manager, the device will automatically start recording video when the device is powered on.

More Features

WiFi Feature

Set WiFi Activate to Manually via Cam Manager. When powered on, you can turn the WiFi on or off without interruption even while the camera is recording.

Press and hold the photo button for about 3 seconds in order to turn WiFi on. A flashing white LED will indicate that the device is searching for or creating a WiFi connection. When the device has established a connection, the white LED will turn solid. To turn WiFi off, press and hold the photo button for about 3 seconds and the white LED will turn off.

Stealth Mode Feature

Set Stealth Mode to ON via Cam Manager.

When powered on, you can turn the stealth mode feature on or off without interruption even while the camera is recording. To enter into stealth mode, double-press the photo button. All LED indicators and vibration sounds will be disabled, however the device will still be operating. To quit stealth mode, double-press the photo button, the camera will beep twice and the LED indicators and vibration will be enabled.

Cam Manager-Login

Transfer & Manage Files on Your Computer

(Compatible with Windows 7, 8, 10 and 11)

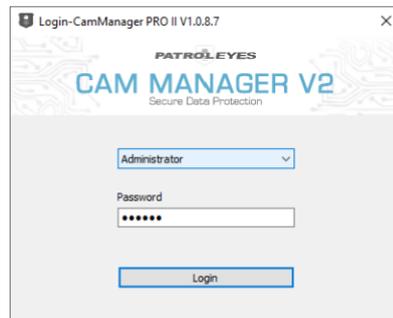
Drop the camera into the charging station and connect it to your computer via the included USB cable. Open Cam Manager and enter your password to sign in (instructions on page 9).

Note: Installing Cam Manager allows for managing saved data and changing device settings.

Cam Manager Login

Visit www.stuntcams.com/lite to download the "Cam Manager" software on your computer and follow the instructions to install.

a. Place your camera into the charging station, and connect it to your computer via the USB cable. Your camera will automatically power on once connected.



Cam Manager-Camera Info

b. Choose the "User Type" and enter the password. There are two User Types, each with a different default password.

1. **General User:** This mode allows for viewing and downloading media files only. The default password is: 000000

2. **Administrator:** This mode allows for changing device settings as well as viewing and downloading media files. The default password is: **888888**

Camera Info

a. After login, the Camera Manager will open on the Camera Info tab.

The screenshot shows the 'CAM MANAGER V2' interface with the 'Camera Info' tab selected. The 'Device Info' section includes 'Model No.: PE_LITE' and 'MAC Address: XC8B4256DC'. The 'Other' section shows 'Device ID: 000000', 'Firmware Version: V:20250114_H3_2_WF1_GPS_', 'User ID: 000000', and 'User Name:'. The 'Battery Left' is at 93% and 'Free Space' is 57.3 GB of 57.6GB. At the bottom, there are buttons for 'Sync PC Date Time', 'Default Settings', 'Format Disk', 'Open File Explorer', 'Reconnect', and 'Exit'.

Cam Manager-Camera Info

b. From here you can change Device ID and User ID, as well as view battery level and free space on the camera. Enter the new settings into the text boxes, and click "Apply" to save.

c. Click "Refresh" to update battery levels and free space.

d. Click "Open File Explorer" to view the camera's files. Cam Manager will close and the "Removable Disk" for the camera will appear in File Explorer. Open the VIDEO/PHOTO folder and from here you can view, transfer, and delete files.

e. Click "Sync PC Date Time" to update your camera's date and time. The new settings will be updated to your PC's current date and time.

f. Click "Default Settings" to reset your camera's settings to default.

g. Click "Format Disk" to format the camera's memory. The files will be DELETED immediately, and the free space status will be updated.

MAC Address

This setting displays the unique ID of your device.

Firmware Version

This setting displays the current firmware programmed on your device.

Battery Left

This setting displays how much battery life is remaining.

Free Space

This setting displays how much storage is remaining on your camera before the built in memory is full.

Cam Manager-Camera Settings

Watermark

Entering text in the watermark setting box will result in a stamped watermark in the lower right-hand corner of the file on any photo or video.

Camera Settings

a. Click the "Camera Settings" tab in Cam Manager.



b. From here you can change device settings. Select the setting you wish to change, and a drop down will appear with all available options.

c. Click "Apply" to update settings with the new chosen options.

Cam Manager-Camera Settings

Resolution

Click the "Resolution" drop down. There are six settings to choose from:

1. 2560x1440p@30fps
2. 1920x1080p @60fps
3. 1920x1080p @30fps
4. 1280x720p @60fps
5. 1280x720p @30fps
6. 848x480p @30fps

Click the setting you prefer and click "Apply" to save.

Streaming Resolution

Click the "Streaming Resolution" drop down. There are three settings to choose from:

1. 1280x720p @30fps
2. 848x480p @30fps
3. 432x240p @30fps

Click the setting you prefer and click "Apply" to save.

Note: Streaming Resolution is the resolution of video which is transmitted to the WiFi app when camera is connected via WiFi.

Streaming Control

Click the "Streaming Control" drop down. There are six settings to choose from:

Cam Manager-Camera Settings

1. OFF
2. Audio
3. Video
4. AV (audio & video)
5. Text
6. ALL

Click the setting you prefer and click "Apply" to save.

Note: This option controls the file type that can be streamed via WiFi.

Recording Notification

Click the "Recording Notification" drop down. There are six settings to choose from:

1. Off
2. 5 seconds
3. 10 seconds
4. 15 seconds
5. 30 seconds
6. 60 seconds

Click the setting you prefer and click "Apply" to save.

Note: Recording prompt is an audio notification that will beep at the specified interval to notify you that the device is still recording. This will not affect the notifications at the start and end of recordings.

Post Record

Click the "Post Record" drop down. There are six settings to choose from:

Cam Manager-Camera Settings

1. Off
2. 5 seconds
3. 10 seconds
4. 20 seconds
5. 30 seconds
6. 60 seconds

Click the setting you prefer and click "Apply" to save.

Picture Size

a. Click the "Picture Size" drop down. There are six settings to choose from:

1. 40M
2. 30M
3. 16M
4. 12M
5. 8M
6. 4M

Click the setting you prefer and click "Apply" to save.

Burst Mode

Click the "Burst Mode" drop down. There are eight settings to choose from:

1. Off
2. 2 pictures
3. 3 pictures
4. 5 pictures
5. 10 pictures
6. 15 pictures
7. 20 pictures
8. 30 pictures

Cam Manager-Camera Settings

Click the setting you prefer and click "Apply" to save.

Timezone

Click the "Timezone" drop down to select the correct UTC time zone, and the GPS will change the date and time accordingly. Example, New York City is EST and will be set to UTC-4.0. Central time zones are UTC-5.0.

Date Format

Click the "Date Format" drop down. There are three settings to choose from:

1. YYYY-MM-DD
2. DD-MM-YYYY
3. MM-DD-YYYY

Click the setting you prefer and click "Apply" to save.

Mute Recording

Click the "Mute Recording" drop down. There are three settings to choose from: Off (Audio will be recorded), On (Mute function will be enabled and audio will NOT be recorded), Pre recorded (Audio will NOT be recorded for pre-record files only).

Auto IR

Click the "Auto IR" drop down to control your devices infrared LED's. There are three settings to choose from:

Cam Manager-Camera Settings

1. Off
2. During Recording
3. Auto (recommended)

Click the setting you prefer and click "Apply" to save.

Quality

Click the "Quality" drop down. There are three settings to choose from:

1. High
2. Medium
3. Low

Click the setting you prefer and click "Apply" to save.

Note: This refers to the video bitrate. The higher the setting, the better the video quality and larger the file size. To achieve the most battery life, please set this to low.

Streaming Bitrate

Click the "Streaming Bitrate" drop down. There are seven settings to choose from:

1. 5000 Kbs
2. 4000 Kbs
3. 3000Kbs
4. 2000Kbs
5. 1000Kbs
6. 500Kbs
7. 300Kbs

Cam Manager-Camera Settings

Click the setting you prefer and click "Apply" to save.

Note: Streaming Bitrate is the bitrate of the WiFi stream. Setting this to a higher value will increase the streaming quality.

Video Splitter

Click the "Video Splitter" drop down. There are five settings to choose from:

1. **2 minutes**
2. **5 minutes**
3. **10 minutes**
4. **15 minutes**
5. **30 minutes**

Note: Video splitter refers to the length of video segments while the device is recording. The minute amount is the length of each video segment before the device begins a new video file. This will NOT stop the device from recording, it will just split your videos into smaller, more manageable files.

Web Server

Click the "Web Server" drop down. There are four settings to choose from:

1. **Off**
2. **Http**
3. **Https (recommended)**
4. **Http & Https**

Click the setting you prefer and click "Apply" to save.

Cam Manager-Camera Settings

Note: Recorded files can be browsed via the camera's web server when WiFi is turned on.

Pre Record

Click the "Pre Record" drop down. When checked, the camera will record prior to the video recording button being pressed with length depending on video settings. The higher the resolution, the lower the pre record length. The camera can pre record up to 120 seconds.

1. **Off**
2. **On**

Click the setting you prefer and click "Apply" to save.

Picture Quality

Click the "Picture Quality" drop down. There are three settings to choose from:

1. High
2. Medium
3. Low

Click the setting you prefer and click "Apply" to save.

Speaker Volume

Click the "Speaker Volume" drop down to select a number from 0 to 10. 0 being mute, 1 being the quietest, and 10 being the loudest.

Cam Manager-Camera Settings

Refresh Rate

Click the "Refresh Rate" drop down. There are three settings to choose from:

1. 60 Hz
2. 50 Hz
3. Auto

Click the setting you prefer and click "Apply" to save.

Auto Power Off

Click the "Auto Power Off" drop down. There are seven settings to choose from:

1. Off
2. 30 seconds
3. 1 minute
4. 3 minutes
5. 5 minutes
6. 10 minutes
7. 30 minutes

Click the setting you prefer and click "Apply" to save.

Note: Auto Power Off will only power off the device when it has been in standby mode for the selected interval. This will NOT power off the device during recordings.

Cam Manager-Camera Settings

Encoding Format

Click the "Encoding Format" drop down. There are two settings to choose from:

1. H264
2. H265

Click the setting you prefer and click "Apply" to save.

LED Light

The "LED Light" allows you to turn the top LED indicator lights on or off. When checked, the LED lights will be enabled and ON when video is recording.

Power on Record

Click the "Power-on Record" box to allow the device to start recording automatically after powering on without pressing the record button.

Vibration

Click the "Vibration" box to turn on/off vibration alerts.

Car Mode

Click the "Car Mode" box to have the camera automatically power on and start recording when connected to power.

Cam Manager-Camera Settings

Loop Record

Click the "Loop Record" box to turn on the loop recording function. When loop recording is enabled (if memory becomes full), the camera will automatically save new videos and delete only the oldest files first. When loop recording is off, the camera will stop recording when the memory is full.

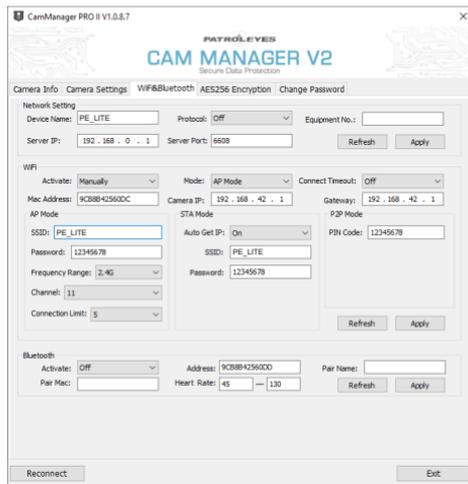
Stealth Mode

Click the "Stealth Mode" box to turn on the Stealth Mode function. When Stealth Mode is checked, turn on the camera and double-press the photo button to enter into Stealth Mode. All LED indicators and vibration sounds will now be disabled, however the device will still be operating. To quit Stealth Mode, double-press the photo button.

Cam Manager-WiFi&Bluetooth

WiFi&Bluetooth

Click the "WiFi&Bluetooth" tab in Cam Manager. Select the setting you wish to change, and click "Apply" to update them.



Network Setting

This is a custom feature to connect your camera to a private server using specific protocols.

WiFi

Click "Mode" drop down. Please select one of the three settings to configure your WiFi connection.

Cam Manager-WiFi&Bluetooth

WiFi

Activate: Mode: Connect Timeout:

Mac Address: Camera IP: Gateway:

AP Mode

SSID: Auto Get IP:

Password: SSID:

Frequency Range: P2P Mode

Channel: PIN Code:

Connection Limit:

1. AP

Access Point (AP) mode means to use other devices to connect to the WIFI network created by the LITE. For example, we use a laptop to connect to the WIFI network created by the LITE. Now you can set SSID, Password, Connection Limit (quantity of devices which can be connected), Frequency, Range, and Channel.

2. STA

Station (STA) mode means the camera is connected to an existing WIFI network. For example, if we have a wireless router, the SSID of router is as shown, then we input the related info, and the LITE will connect to that router. When the LITE is set with STA mode, the WIFI indicator also shows the status of connection. A flashing white indicator means camera is trying to connect. A steady white indicator means the camera is connected to the WIFI network.

3. P2P

Peer-to-Peer (P2P) mode means WIFI Direct Connection. We use the PIN CODE to connect as this is helpful when syncing multiple cameras.

Click the setting you prefer and click "Apply" to save.

Cam Manager-AES256 Encryption

Bluetooth

Click "Activate" drop down. Please select the settings to configure your Bluetooth connection. Specified Bluetooth accessories will be required.

Bluetooth

Activate: Address: Pair Name:

Pair Mac: Heart Rate: —

AES256 Encryption

AES256 Encryption provides a better way to keep your files safe. When we set the data encryption ON, we will need to use a specified player to browse the file content. Click the "AES256 Encryption" tab in Cam Manager.

CamManager PRO v1.0.8.7

PROFESSIONAL EYEVIEW

CAM MANAGER V2
Secure Data Protection

Camera Info Camera Settings WiFi&Bluetooth AES256 Encryption Change Password

Data Encryption:

AES Key:

Cam Manager-AES256 Encryption

Data Encryption

Click the "Data Encryption" drop down. There are four settings to choose from:

1. **Off: Do not encrypt files**
2. **File Encryption: Only encrypt local files**
3. **Streaming Encryption: Only encrypt WiFi streaming files**
4. **Both: Encrypt local and WiFi streaming files**

AES Key

Fill out the 32-character key to encrypt files.

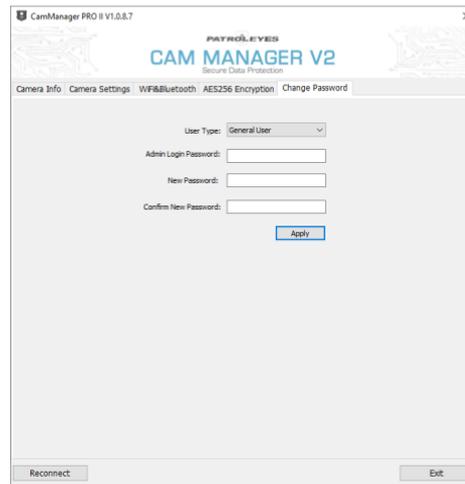
Encrypted Video Playback

For more information and instructions on how to play your encrypted files, please visit www.stuncams.com/lite.

Cam Manager-Change Password

Change Password

a. Click the "Change Password" tab in Cam Manager.



The screenshot shows the 'CAM MANAGER V2' interface with the 'Change Password' tab selected. The interface includes a navigation bar with 'Camera Info', 'Camera Settings', 'WiFi/Bluetooth', 'AES256 Encryption', and 'Change Password'. The main content area has a 'User Type' dropdown menu set to 'General User', and three password input fields: 'Admin Login Password:', 'New Password:', and 'Confirm New Password:'. An 'Apply' button is located below the input fields. At the bottom of the window, there are 'Reconnect' and 'Exit' buttons.

b. From here you can change device passwords. Select the user type for the password that you wish to change. Enter the admin password, then enter the new password you wish to set for the user type, and confirm the password.

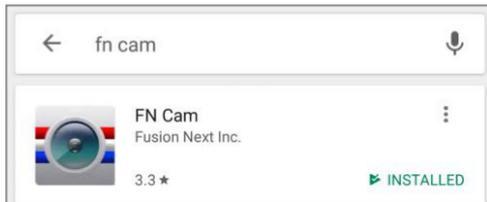
c. Click "Apply" to save the new password.

Note: Passwords can only be changed while logged in to the admin account. The admin password will always be required to make changes to any account passwords.

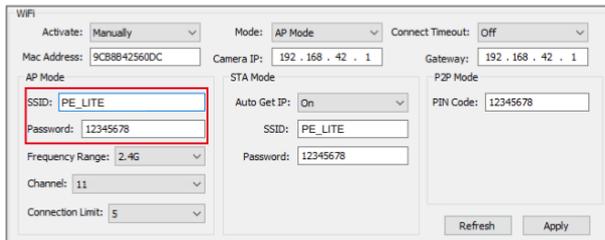
WiFi APP-FN Cam

FN Cam APP Installation

Download FN Cam in the App Store on your mobile device.



Set WiFi to AP mode, press and hold the photo button for about 3 seconds after the camera is powered on. The WiFi indicator will be steady white when WiFi is ON. The WiFi SSID and password can be found in Cam Manager as shown below. The default WiFi password is: **12345678**



We **STRONGLY** recommend changing the WiFi password immediately via Cam Manager for your camera to something secure if you plan to use the WiFi option.

Open the FN Cam app on your mobile device.



WiFi APP-FN Cam

Tap "Select Camera".

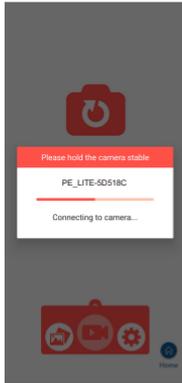


Find the SSID of camera (last 6 characters of MAC address will be added to the SSID) , and enter the password to connect to the wireless network created by the camera.



WiFi APP-FN Cam

Once connected, go back to the FN Cam App, tap "Open Camera" to connect to your camera, and you will see the following message while the camera is connecting.



After successfully connecting your camera to the app, you will be able to see the camera's livestream.

Please see our website www.stuntcams.com/lite for advanced instructions on connecting to your camera via the app.

WiFi APP-FN Cam



To start/stop recording, tap the lower middle Record icon.



To change mode or settings, tap the lower right Settings icon.



To view your already recorded videos simply tap the lower left Gallery icon.



WiFi APP-FN Cam

From this screen you can select the folder and then you will be able to review, download or delete your video/photo files in DCIM/100MEDIA. If you do not want users to have these privileges you can:

1. Keep the WiFi function disabled in Cam Manager.
2. Change the WiFi password so that it can only be used by an administrator.

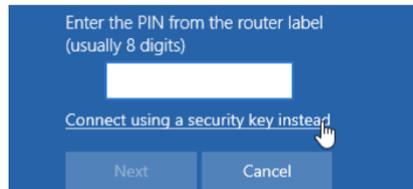
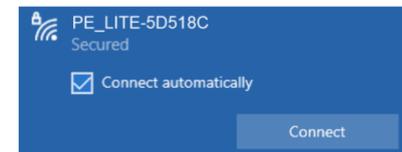


Review Files via Web Browser

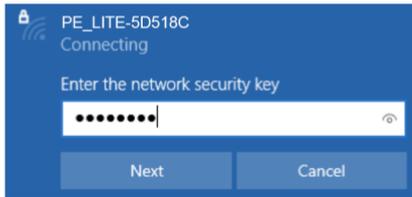
Set WiFi to AP mode, press and hold the photo button for about 3 seconds after the camera is powered on. The WiFi indicator will be steady white when WiFi is ON. The WiFi SSID and password can be found in Cam Manager as shown below. The default WiFi password is: **12345678**

A screenshot of a WiFi configuration interface. The "WiFi" section is active, with "Activate" set to "Manually", "Mode" set to "AP Mode", and "Connect Timeout" set to "Off". The "Mac Address" is "9C8B842560DC", "Camera IP" is "192.168.42.1", and "Gateway" is "192.168.42.1". Under "AP Mode", the "SSID" is "PE_LITE" and the "Password" is "12345678". Other settings include "Frequency Range" (2.4G), "Channel" (11), and "Connection Limit" (5). The "STA Mode" section has "Auto Get IP" set to "On", "SSID" "PE_LITE", and "Password" "12345678". The "P2P Mode" section has a "PIN Code" of "12345678". "Refresh" and "Apply" buttons are at the bottom right.

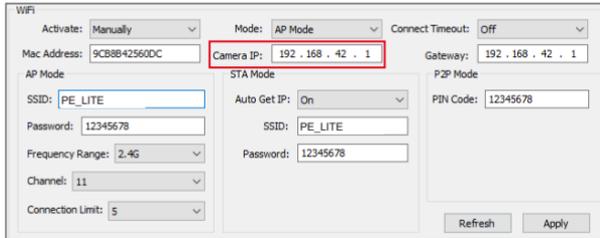
1. Connect to the WiFi network created by the camera (last 6 characters of MAC address will be added to the SSID) from your PC. Click "Connect using a security key instead" and enter the password.



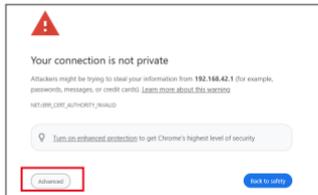
Review Files via Web Browser



2. Default camera IP can be found on Cam Manager.



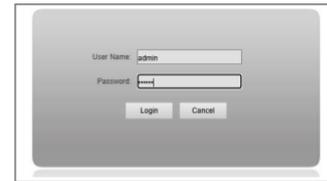
3. Fill out <https://192.168.42.1> in the address bar of web browser.



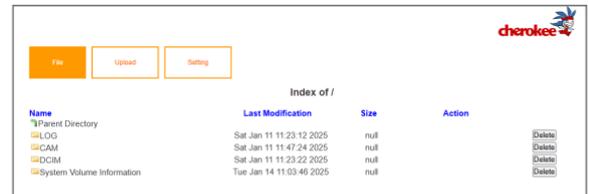
Review Files via Web Browser



4. Keep the username "admin", default password is 888888. It uses the same password of administrator for Cam Manager.



5. Once you have logged in, you will see a list of folders, click the folder name. Videos and photos are saved in **DCIM/100MEDIA**.



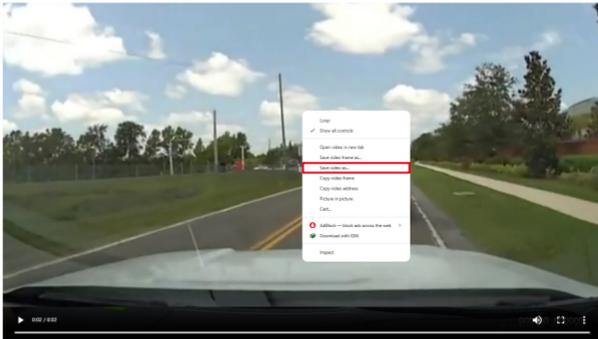
Review Files via Web Browser

6. Click the file name to play. The file will be played in a new tab.

Name	Last Modification	Size	Action
Parent Directory			
[[NCR_000000_000000_20250114115500_AA_N0001.MP4	Tue Jan 14 11:55:02 2025	20871520	Delete
[[NCR_000000_000000_20250114115520_MP4	Tue Jan 14 11:55:20 2025	20871520	Delete
[[NCR_000000_000000_20250114115519_AA_N0002.MP4	Tue Jan 14 11:55:02 2025	20871520	Delete
[[NCR_000000_000000_20250114115559_AA_N0003.MP4	Tue Jan 14 11:58:02 2025	20871520	Delete
[[NCR_000000_000000_20250114115704_AA_N0004.MP4	Tue Jan 14 11:57:06 2025	20871520	Delete
[[NCR_000000_000000_20250114115710_AA_N0005.MP4	Tue Jan 14 11:57:12 2025	20871520	Delete
[[NCR_000000_000000_20250114115743_AA_N0006.MP4	Tue Jan 14 11:57:46 2025	20871520	Delete
[[NCR_000000_000000_20250114115858_AA_N0007.JPG	Tue Jan 14 11:58:58 2025	632742	Delete
[[NCR_000000_000000_20250114115903_AA_N0008.JPG	Tue Jan 14 11:59:04 2025	840263	Delete

6. Right-click on the played file, and click “Save image/video as..” to download the file to your computer.

We recommend using VLC media player to playback videos.



Drop-in Charging Station and Accessories

Drop-in Charging Station

The included drop-in charging station allows you to charge the camera and transfer data to your PC. Plug in the included charger and connect the USB cable to the dock, and the blue light will turn on. Insert the camera by pushing it into the charging station until it clicks into place. The camera will then power on and begin charging.

Optional Accessories

- Suction Cup Mount
- Epaulette Mount
- Carrying Case
- Lens Protectors
- 10 Camera Docking Station
- PatrolEyes Protection Plus Program
- PatrolEyes DEMS
- PatrolEyes Cloud Storage
- PatrolEyes Video Redaction
- PatrolEyes Klick Fast Mounts

For a complete list of accessories and pricing, visit:
www.stuntcams.com/patroleyesone

For the latest news and firmware upgrades, please follow us at:
www.facebook.com/patroleyes
www.x.com/patroleyes

