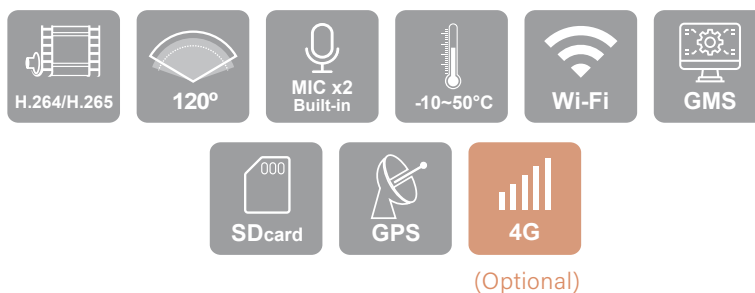


# VVA-MDE68

## User Manual



2024 OCT V1.0



# CAUTION

---

Dear User:

The prompt and accurate services will be carried by the dealer. We will reserve the right to make any software or hardware modification and physical improvements to this series of products without making prior notice.

Please read the manual carefully before using this product:

## System Installation Precaution

- Please learn the electric wiring of the device before installation.
- Please select storage devices that are recommended by the dealer and meet the demands for the device to operate, to accomplish long-term IOPS needs with large amounts of data. Meanwhile, please purchase from certificated access to ensure the quality of the storage device.
- If you have any questions or require assistance, please get in touch with the Technician from the authorized dealer.

## In-Vehicle system precaution

- Do not let any liquid or foreign material enter, drop or soak into the machine.
- Do not detach, repair or replace any components on one's own.
- If you encounter any malfunction, please contact the dealer or manufacturer, and we will provide solutions to cope within the smallest amount of time possible.

## Operating Environment

- Please place or use this device under the operating temperature and avoid direct sunlight or being near heat.
  - Do not place the device in humid or moist environment.
  - Do not expose the device to smoking or dusty environment.
  - Avoid strong collision and drop.
  - Please install the device in a well-ventilated place and avoid any block to the vent.
  - Please operate the device under the rated range of current and Voltage input and output.
  - The device is a mechanization device design for long term use, do not place it near flammable or explosive items.
-

# Menu

Operation precautions

- A. Product Accessories ..... 1
- B. Appearance ..... 2
- C. Buttons Instruction ..... 3
- D. Buttons and Indicator Lights ..... 4
- E. 4G-Ways to connect to GMS ..... 5
- F. Memory Card Precaution ..... 7
- G. WIFI connection (from APP) ..... 8
- H. Wi-Fi Web page Settings ..... 16

## A. Product Accessories

Please check the containing items for the following accessories before use.  
Please contact the retailer if the containing items.

- **This product contains the following accessories**

1. Body-cam\*1
2. Multi-turn Chest Clip\*1
3. Mini USB Charging Cable\*1

- **Optional**

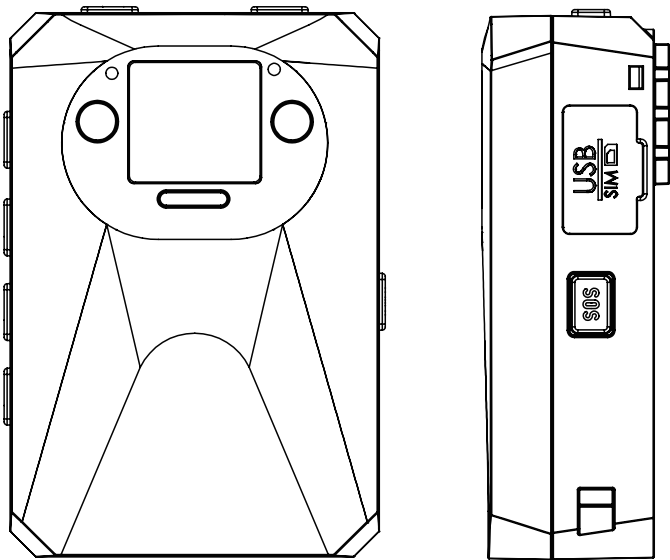
1. IP/LAN Dock VVP-EB350 \*1



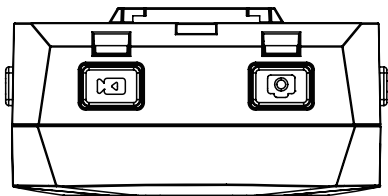
B. Appearance

- Device

Plan view

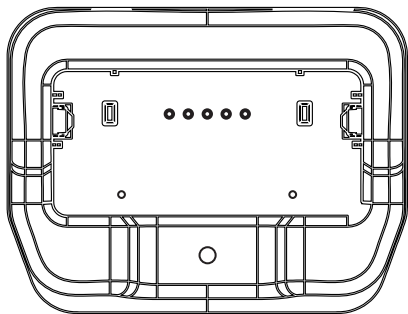


Vertical view

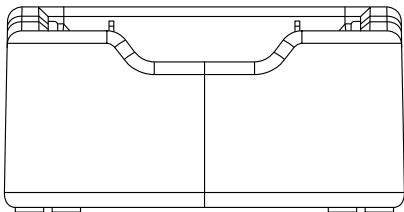


- LANDock

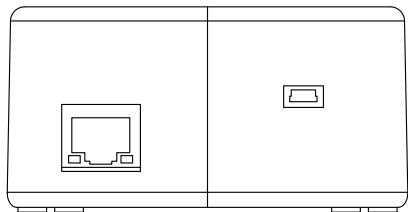
Plan view



Vertical view



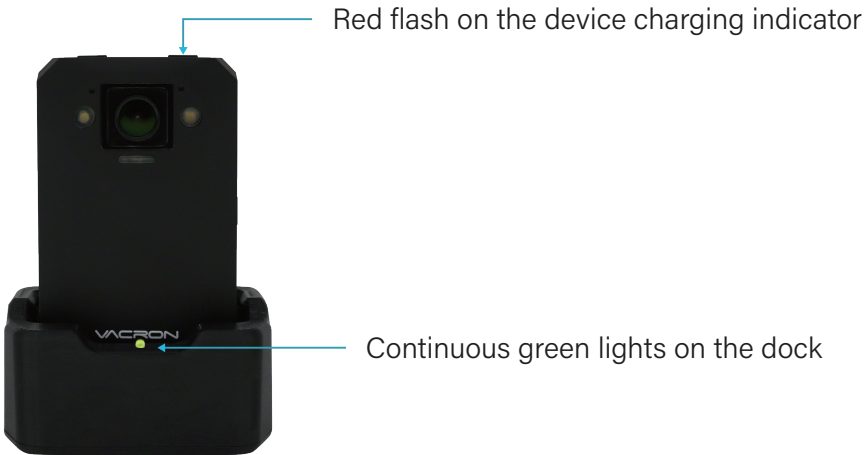
back view



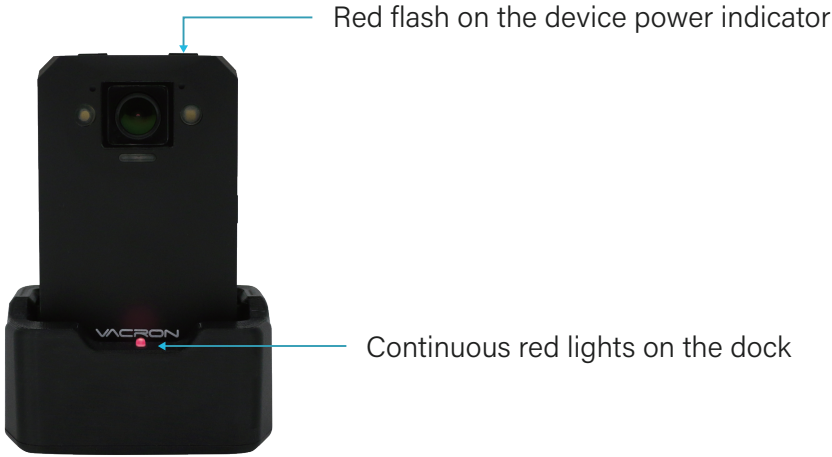
C. Buttons Instruction








Not connected to RJ-45



Connected to RJ-45



## D. Buttons and Indicator Lights

Function	Buttons	Operations	Indicators
Power Supply		Press 2 seconds to boot. Press 5 seconds to shutdown. * Low-power alert: When the battery is lower than 10%, there will be a "beep" sound every 15 seconds as alert.	Recording indicator: Green flashes in every seconds. No indicator
Audio Recording		When the device is on, short press to start the audio recording, and another press to end.	Recording indicator: Continuous orange light Front indicator : Continuous green light
Fill Light		One press to start light-filling, another press to end when the device is on.	No indicator The fill light will light continuously.
Menu		When the device is on, Press 2 seconds to open the WiFi Web GUI service, and another 5 seconds to close it.	Red continuous light for recording indicator, power indicator and front Indicator
Recording		When the device is on, short press to start recording and another press to end.	Recording indicator and Front indicator Flashes every two seconds.
Snapshot		When in recording or none recording, Press to take a snapshot.	One orange flash on the Recording indicator, and one orange flash on the Front indicator.
Emergency	<b>SOS</b>	When the device is on, press two seconds to start recording and report to GMS, another press one the recording key to end.	Recording indicator and Front indicator Flashes every two seconds.

Charging state	Device power indicator
Charging	Red LED : Flash every seconds
Charging complete	Red LED : Continuous lit

## E. 4G-Ways to connect to GMS

### SIM card installation guideline

Insert the nano-SIM card into the MDE68 Card Slot. The SIM card will be fixed in the slot when it is placed and can be synced to the assigned server ([gms.vacron.com](https://gms.vacron.com)).

(Way to retreat the SIM card: push the SIM card to the end with a tool to retreat the card from the card slot.)



IP	
DHCP <input type="radio"/>	Full Hostname <input type="text"/>
	MTU <input type="text" value="1500"/>
Static IP <input checked="" type="radio"/>	IP address <input type="text" value="192.168.1.221"/>
	Subnet mask <input type="text" value="255.255.255.0"/>
	Default Gateway IP <input type="text" value="192.168.1.254"/>
	MTU <input type="text" value="1500"/>
3G/4G <input type="radio"/>	Enable <input checked="" type="checkbox"/>
	User Name <input type="text"/>
	Password <input type="text"/>
	Dial <input type="text" value="*99#"/>
APN	<input type="text" value="internet"/>
DNS Assignment	<input checked="" type="radio"/> Auto <input type="radio"/> Manual
Primary DNS Server	<input type="text" value="8.8.8.8"/> <span>Secondary DNS Server <input type="text"/></span>

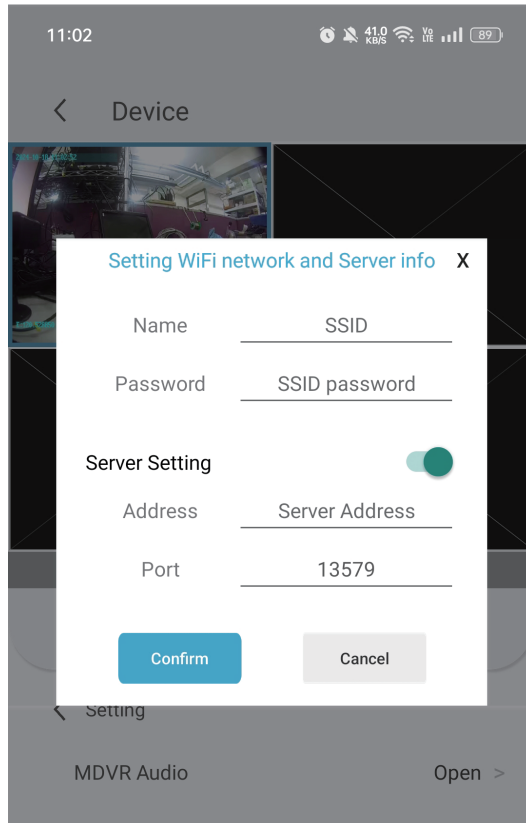
WiFi	
Enable	<input checked="" type="checkbox"/>
SSID	<input type="text" value="SSID-068012"/>
Password	<input type="text" value="12345678"/>
Use Static IP in Client Mode	<input type="checkbox"/>
Channel	<input type="text" value="6"/>
Encryption	<input type="text" value="WPA2"/>
WPA Cipher Suite	<input type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
WPA2 Cipher Suite	<input type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
LAN IP	<input type="text" value="192.168.5.254"/>
Subnet mask	<input type="text" value="255.255.255.0"/>

Platform	
Server Address	<input type="text" value="211.75.207.242"/>
Port	<input type="text" value="13579"/>

MAC	
Factory Default MAC Address	<input type="text" value="62841B4D6BC7"/> <input type="button" value="Restore"/>
Current MAC Address	<input type="text"/>

To modify via the VACRON LINK APP, it is required to enter the WiFi name and password and open the settings server ( it is defaulted to be closed).

Enter the server URL and port to modify.



## F. Memory Card Precaution



### CAUTION

- (1) It is recommended to format the device with the APP before use, otherwise, the device will erase all data in the memory disk before recording with the default setting.
- (2) There is a life span issue within the memory card, please check the memory card and play it on the App regularly, along with formatting the memory card to ensure it is still functioning.
- (3) Collision or high vibration may cause physical damage to the memory card and lead to stammering records or inability to play, please check and keep a backup for important data.

G. WIFI connection (from APP)

(a) Download vis QR Code:

VACRON LINK iOS

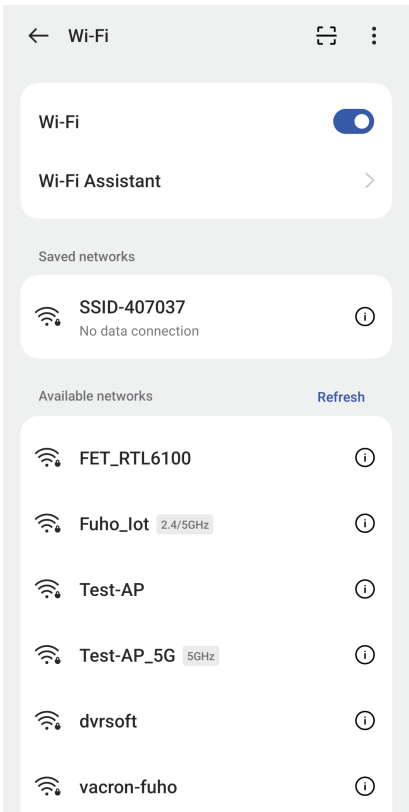


VACRON LINK Android

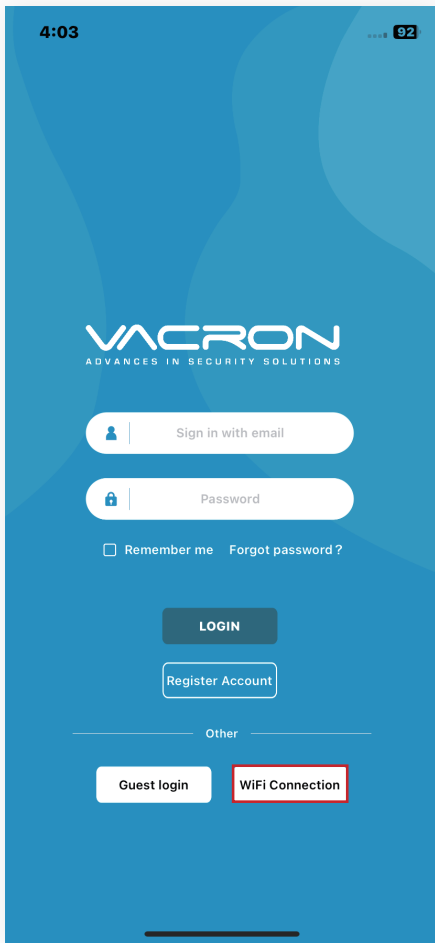


(b) App operation:

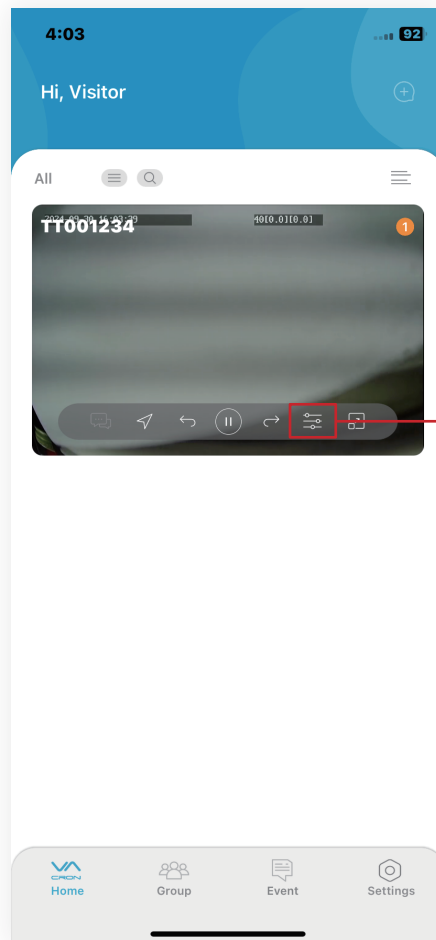
- 1. Search "VACRON LINK" on APP store for downloading.
- 2. Open WiFi on the smartphone and connect to SSID-XXXXXX.  
Enter the default password 12345678.



3. Open "VACRON LINK", and click the "WiFi connection" in the main interface.

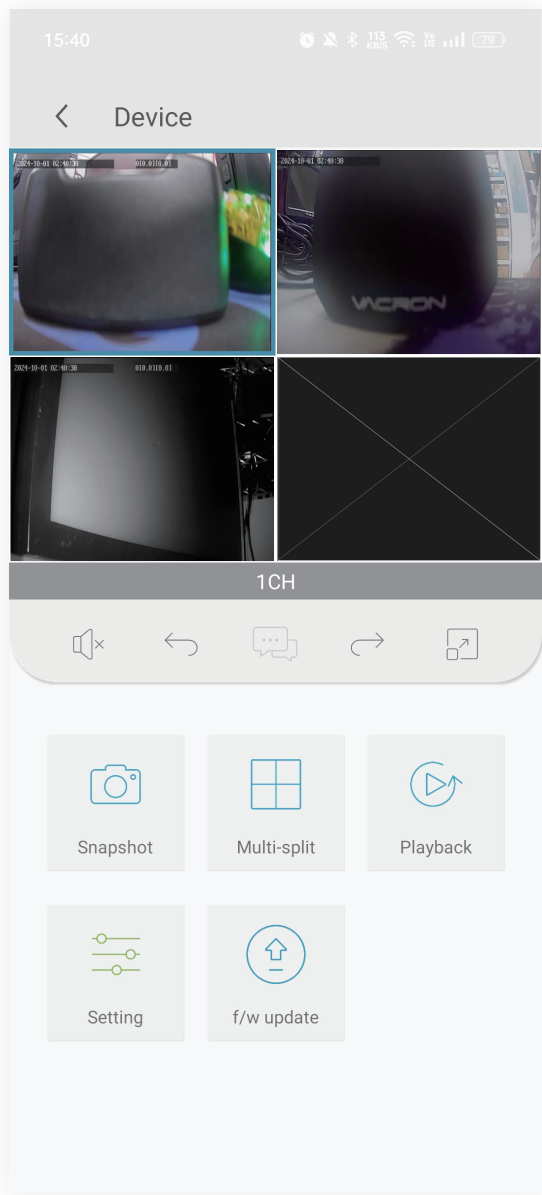


The image of the device will be shown after entering.  
Click the red frame to start settings.



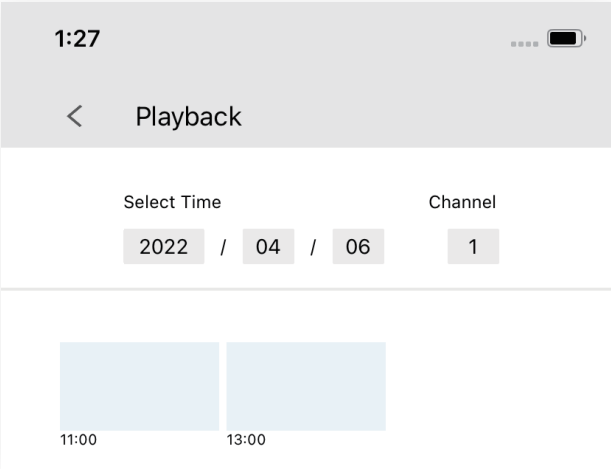


4. App main interface

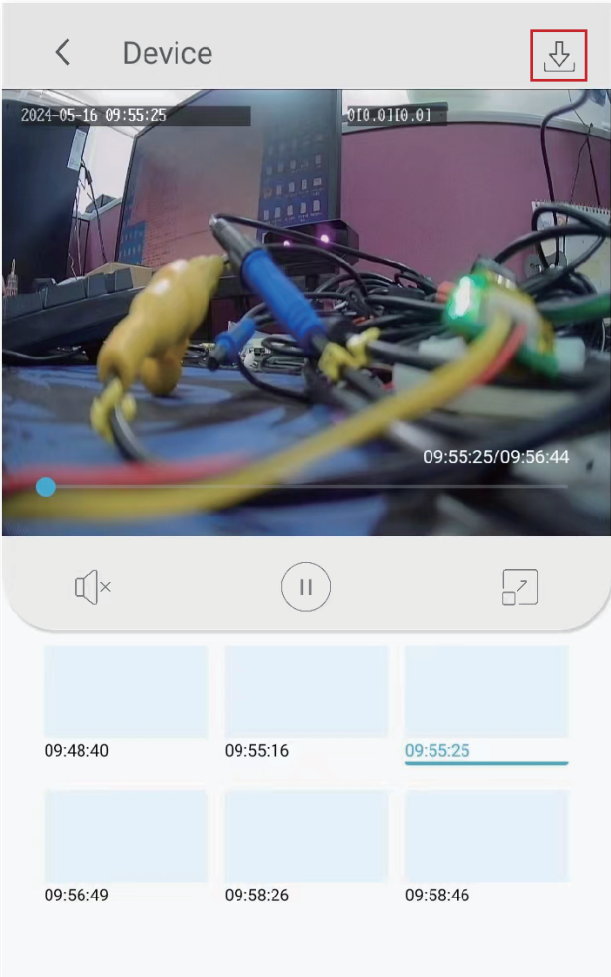


Snapshot / Multi-split / Playback /  
Settings / Firmware update

5. Playback



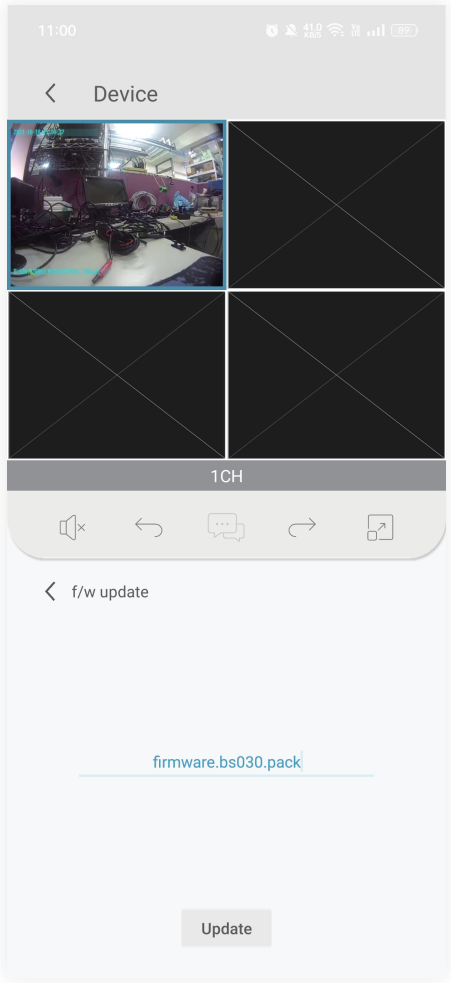
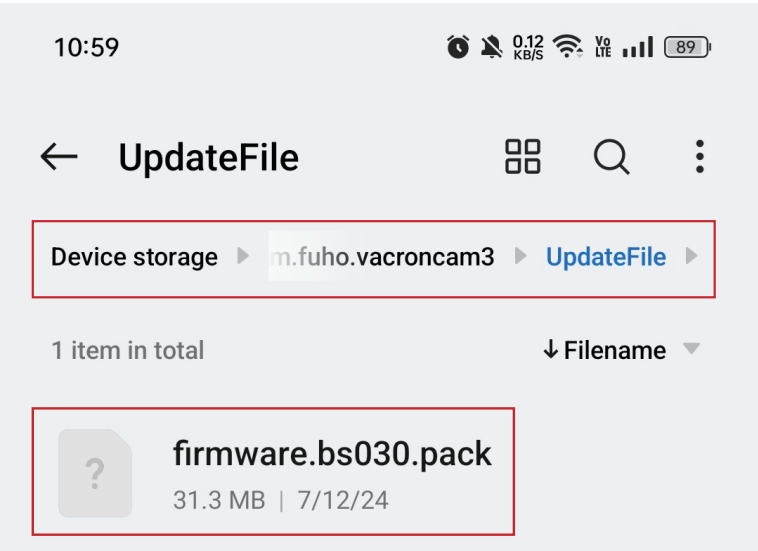
Select the playback time stamp after clicking Playback to play the video.



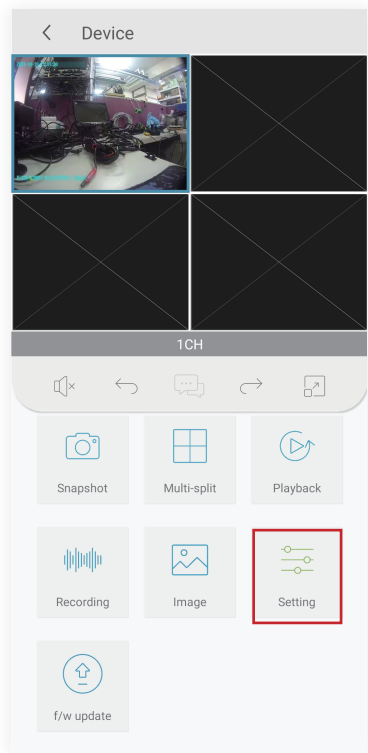
Click the upper right to download

6. Firmware Update

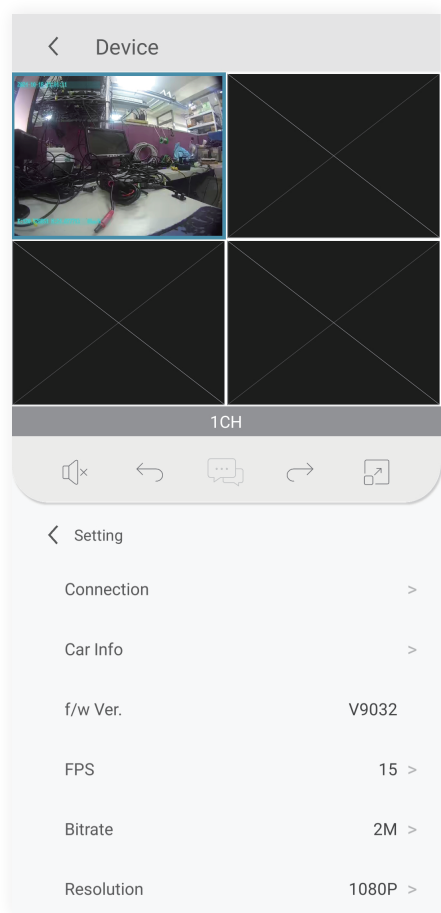
Please make sure the file name is entered correctly, the path should be identical as shown in the picture.



7. APP Wi-Fi Settings

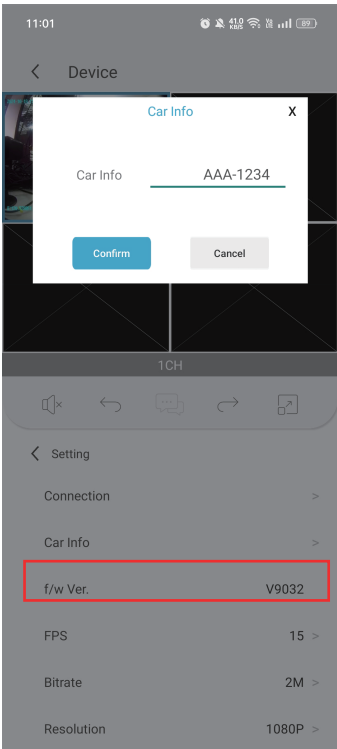


Click to enter.

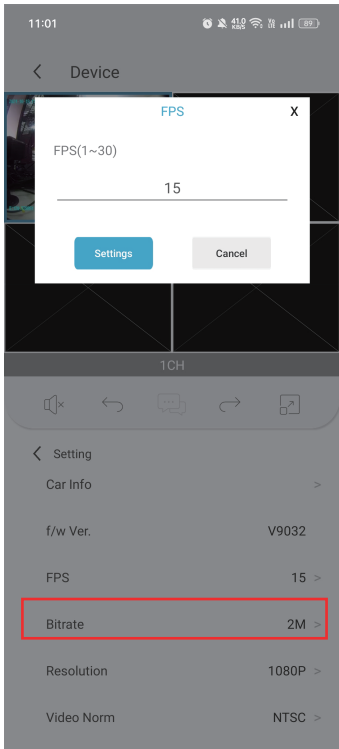


WiFi settings / Device information / Versions / FPS  
Bit-rate / Resolution  
Specification / GPS\_OSD / UID / MDVR\_ID / Battery capacity  
Memory card health status  
Audio settings / Time correction / WiFi settings  
Server Configuration / Format the memory card / Default

8. Device information settings

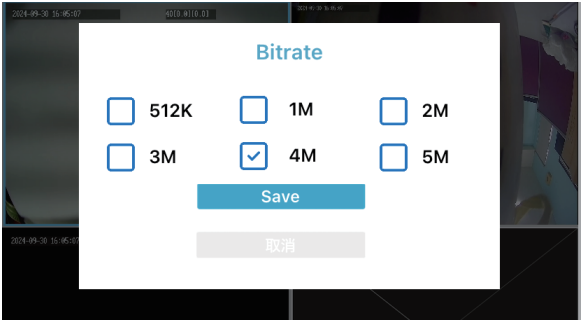


9. FPS Settings



10. Bit rate Settings

Could select from 512k, 1M, 2M, 3M, 4M to 5M.  
Click "Save" to save settings.



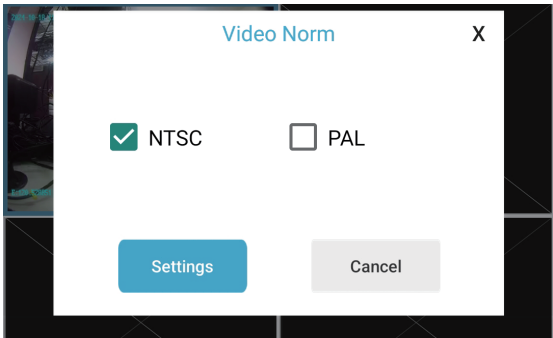
11. Resolution Settings

Supports 720P and 1080P

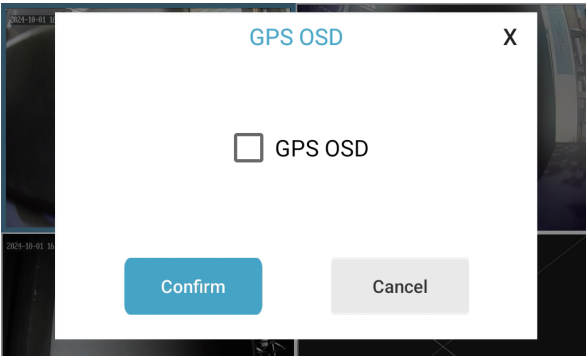


12. Specification Settings

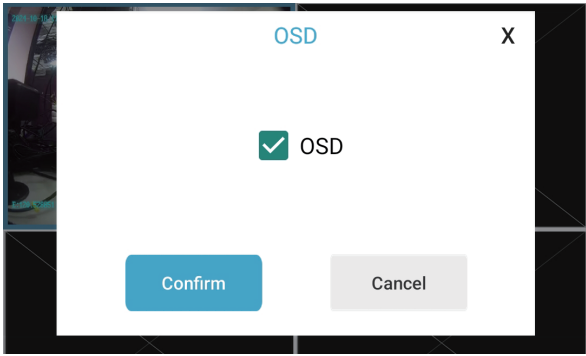
Supports NTSC / PAL



13. GPS OSD Settings

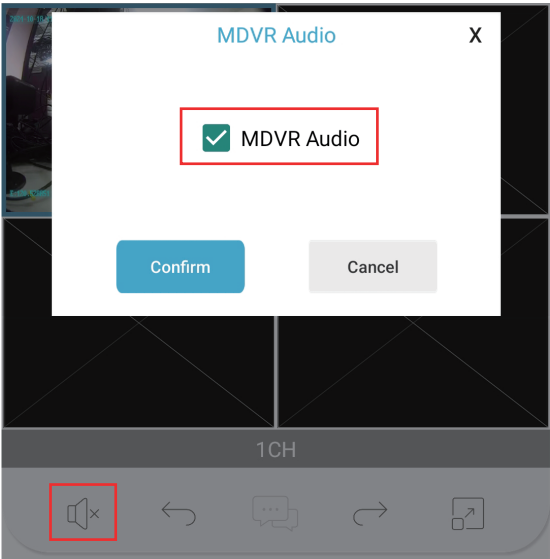


14. OSD Settings

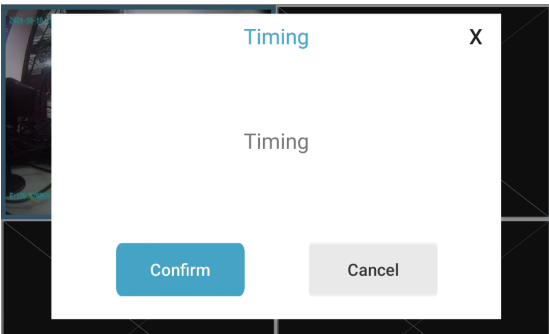


15. Audio Settings

If wish to activate the audio settings, both sections in the red frame need to be switched on.



16. Time Correction

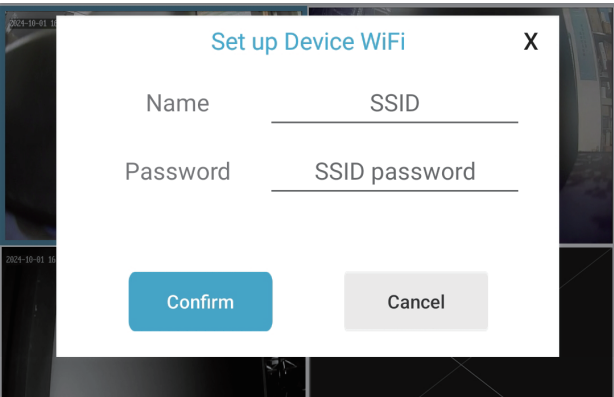


17. Change the WiFi name and password.

The name is preset as SSID-XXXX.  
The name and password could be changed in this section.

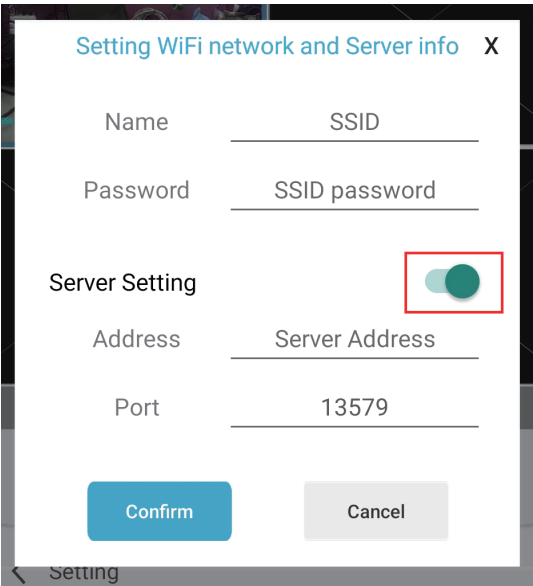
The App will withdraw and reconnect after the setting.

New Wi-Fi name and password could be applied then.



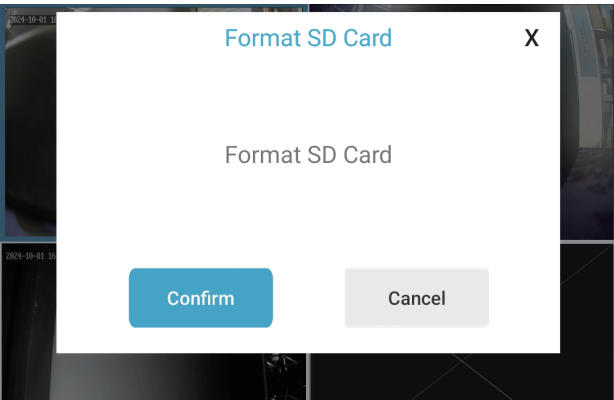
18. Change the assigned server

It is required to enter the WiFi name and password and open the settings server ( it is defaulted to be closed).  
Enter the server URL and Port to modify.



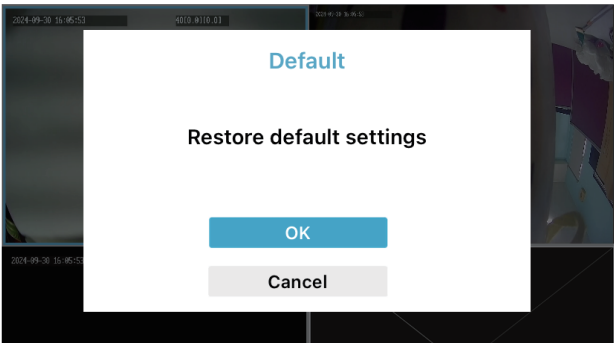
19. Format the memory card

Click "Confirm" "to delete all datas.




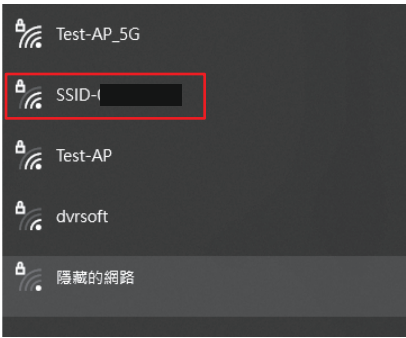
20. Default Settings

Click "Confirm" "to restore default settings.

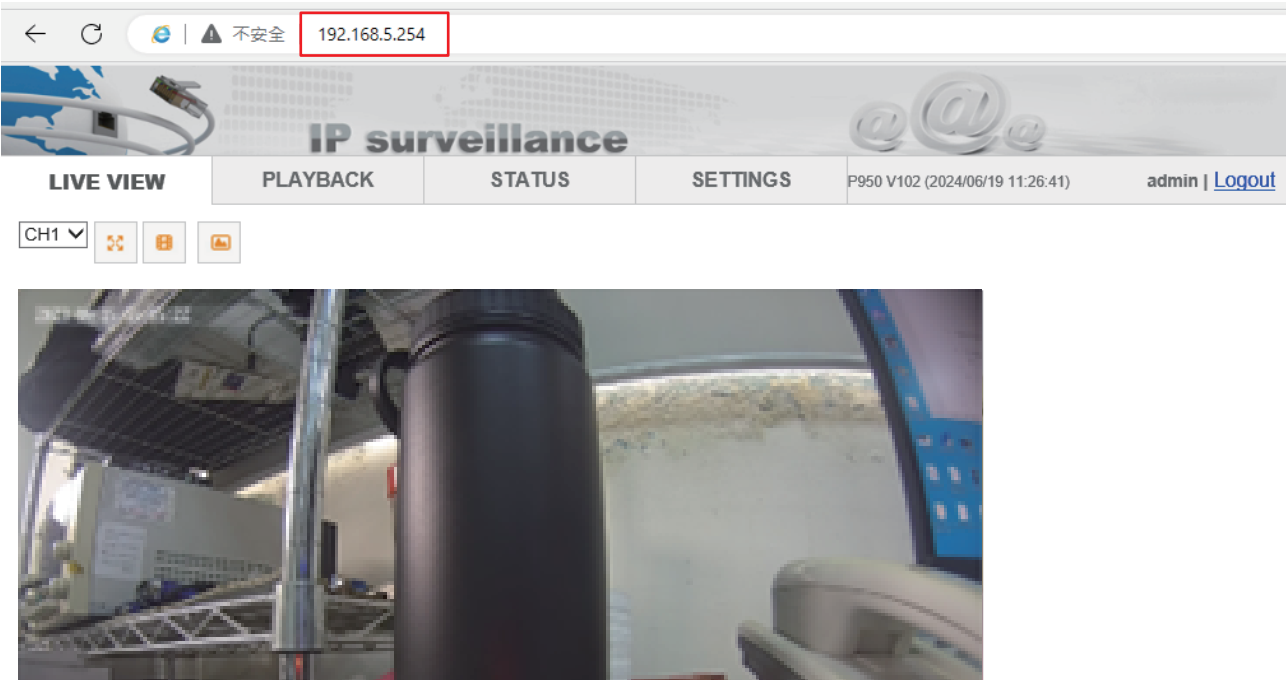


H. Wi-Fi Web page Settings

- (1) Open the WiFi mode via the device  main menu.
- (2) The WiFi of the device (SSID-XXXX) will be shown on the computer WiFi.  
(A computer will require a WiFi SIM card to connect to WiFi)



- (3) Enter 192.168.5.254 on IE to enter streaming.



Network Settings

LIVE VIEW

PLAYBACK

STATUS

SETTINGS

P907 V9032 (2024/10/16 14:18:02)

admin | [Logout](#)

Settings

Video

Audio

Network

Maintenance

User Account

Playback

Firmware Update

Restart

Language

Network

IP

DHCP

Static IP

3G/4G

Full Hostname

MTU

IP address

Subnet mask

Default Gateway IP

MTU

Enable

User Name

Password

Dial

APN

DNS Assignment

Primary DNS Server

Secondary DNS Server

WiFi

Enable

SSID

Password

Use Static IP in Client Mode

Channel

Encryption

WPA Cipher Suite

WPA2 Cipher Suite

LAN IP

Subnet mask

Platform

Server Address

Port

MAC

Factory Default MAC Address

Current MAC Address

Accept

Reset

Default

Network Settings: For users to modify the connecting internal IP via IE.

WIFI : New WiFi name and password could be modified.

Platform : To activate the reporting function of the central server, send the camera image via the internet.

          This function is only applied to devices with WiFi functions and users with built servers.

MAC: The section is reserved for the manufacturer to check the producing date and the model number.



Image Settings

LIVE VIEWPLAYBACKSTATUSSETTINGS

P907 V9032 (2024/10/16 14:18:02)admin | Logout

SettingsVideoAudioNetworkMaintenanceUser AccountPlaybackFirmware UpdateRestartLanguage

Video

Resolution	1080P
Framerate	15
Bit Rate	2048K
Flicker Control	OFF

AcceptResetDefault

Can modify the resolution / frame rate / data rate / illumination control

Resolution : Supports 720P and 1080P

Frame Rate : Supports 5/10/15/20/25/30

Data Rate : Supports 512K / 1024K / 2048K / 3072K / 4096K

Illumination control : 60HZ/ 50HZ/ OFF

Audio Settings

LIVE VIEWPLAYBACKSTATUSSETTINGS

P907 V9032 (2024/10/16 14:18:02)admin | Logout

SettingsAudioNetworkMaintenanceUser AccountPlaybackFirmware UpdateRestartLanguage

Audio

Input Gain [0 - 100]	100
Output Volume [0 - 100]	90

AcceptResetDefault

Could modify the input/output audio gain.



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*<https://www.vacron.com.tw>*

*Made in Taiwan*

---

User account

LIVE VIEW

PLAYBACK

STATUS

SETTINGS

P907 V9032 (2024/10/16 14:18:02)

admin | [Logout](#)

Settings

Video

Audio

Network

Maintenance

User Account

Playback

Firmware Update

Restart

Language

User Account

Admin User Name	<input type="text" value="admin"/>		
Admin Password	<input type="password" value="*****"/>	Confirm Password	<input type="password" value="*****"/>
Operator User Name	<input type="text" value="admin"/>		
Operator Password	<input type="password" value="*****"/>	Confirm Password	<input type="password" value="*****"/>
Viewer User Name	<input type="text" value="admin"/>		
Viewer Password	<input type="password" value="*****"/>	Confirm Password	<input type="password" value="*****"/>

Accept

Reset

Default

Set the user account and password.

Playback

LIVE VIEW

PLAYBACK

STATUS

SETTINGS

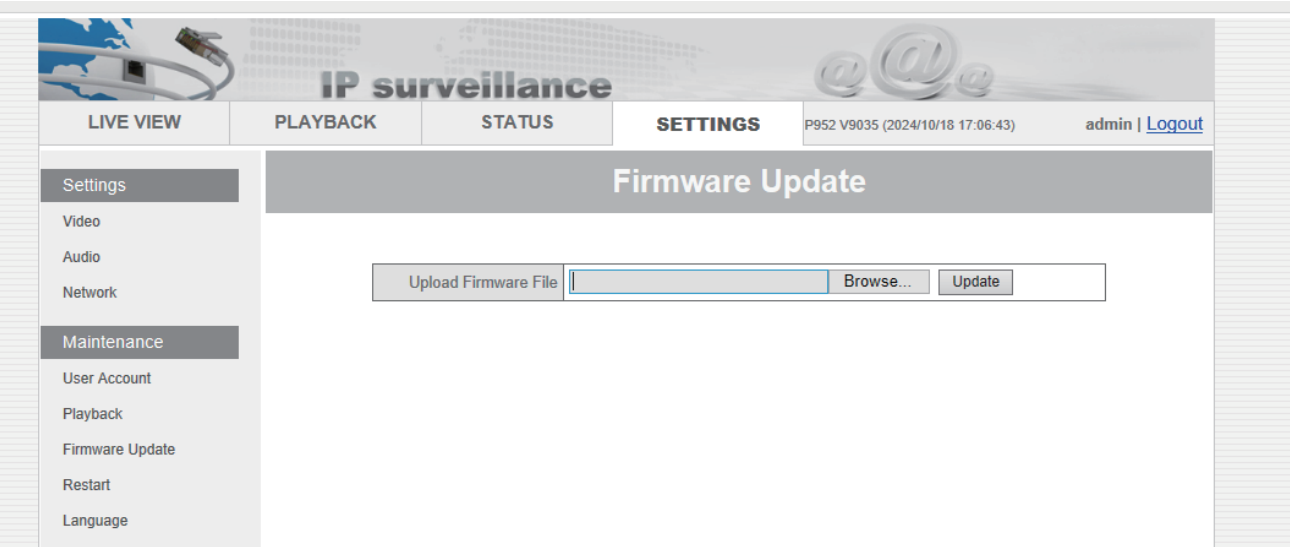
P907 V9032 (2024/10/16 14:18:02)

admin | [Logout](#)

Filelist of Memory Card				
#	Start Time	End Time	Duration	Type
1	2024-08-19 10:53:45	2024-08-19 10:54:05	<a href="#">00:00:20 Download</a>	0
2	2024-08-19 10:54:05	2024-08-19 10:55:01	<a href="#">00:00:56 Download</a>	0
3	2024-08-19 10:55:18	2024-08-19 10:55:47	<a href="#">00:00:29 Download</a>	0
4	2024-08-19 10:55:47	2024-08-19 10:56:18	<a href="#">00:00:31 Download</a>	0
5	2024-08-19 10:56:18	2024-08-19 10:56:27	<a href="#">00:00:09 Download</a>	0
6	2024-08-23 08:33:27	2024-08-23 08:33:44	<a href="#">00:00:17 Download</a>	0
7	2024-08-26 08:39:47	2024-08-26 08:39:55	<a href="#">00:00:08 Download</a>	0
8	2024-08-26 13:54:51	2024-08-26 13:55:39	<a href="#">00:00:48 Download</a>	0
9	2024-08-26 13:55:35	2024-08-26 14:19:42	<a href="#">00:24:07 Download</a>	0
10	2024-08-26 14:19:42	2024-08-26 14:20:17	<a href="#">00:00:35 Download</a>	2
11	2024-08-26 14:20:17	2024-08-26 14:20:36	<a href="#">00:00:19 Download</a>	0
12	2024-08-26 14:21:07	2024-08-26 14:21:23	<a href="#">00:00:16 Download</a>	0
13	2024-08-26 14:41:52	2024-08-26 14:41:56	<a href="#">00:00:04 Download</a>	0
14	2024-09-04 09:29:14	2024-09-04 09:29:45	<a href="#">00:00:31 Download</a>	0
15	2024-09-04 09:29:47	2024-09-04 09:30:03	<a href="#">00:00:16 Download</a>	0
16	2024-09-18 11:22:31	2024-09-18 11:22:31	<a href="#">00:00:00 Download</a>	0
17	2024-09-18 11:38:42	2024-09-18 11:38:59	<a href="#">00:00:17 Download</a>	0
18	2024-09-18 11:40:42	2024-09-18 11:40:51	<a href="#">00:00:09 Download</a>	0
19	2024-09-18 11:44:24	2024-09-18 11:45:11	<a href="#">00:00:47 Download</a>	0
20	2024-09-18 11:46:06	2024-09-18 11:59:23	<a href="#">00:13:17 Download</a>	0

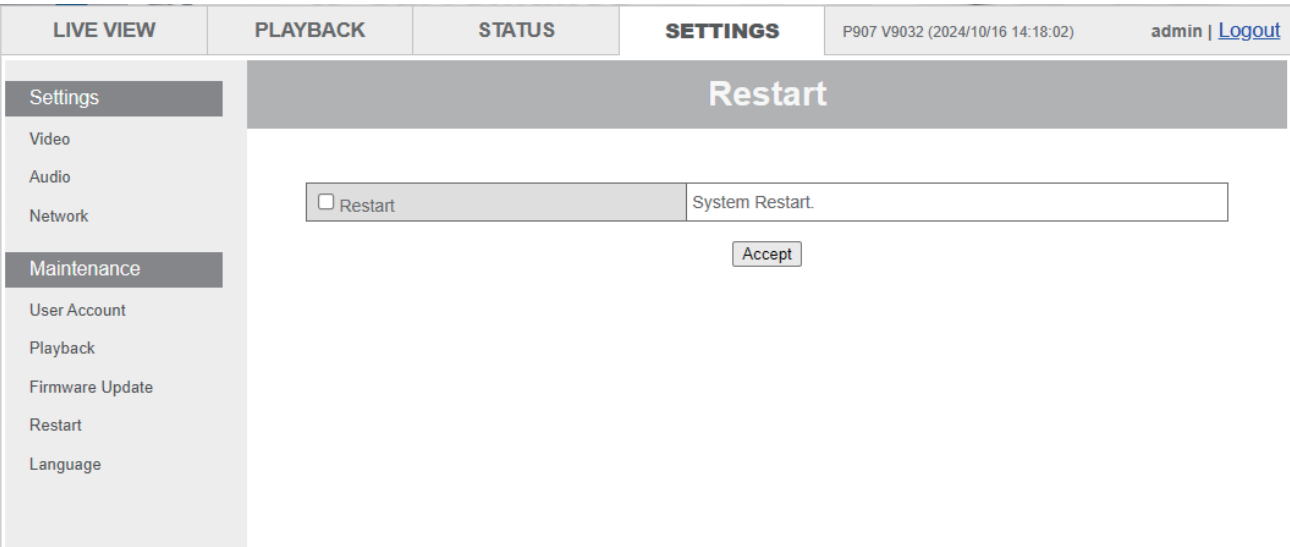
View the playbacks and download recordings, the snapshot images can be viewed below.

Firmware update



There will be various upcoming updates firmware on the VACRON official website, please download the latest version of firmware to update if required.

Reactivate



For reactivating the device, there will be 50 seconds of waiting time after selecting.

Language

LIVE VIEW

PLAYBACK

STATUS

SETTINGS

P907 V9032 (2024/10/16 14:18:02)

admin | [Logout](#)

Settings

Video

Audio

Network

Maintenance

User Account

Playback

Firmware Update

Restart

Language

Language

Web UI LanguageEnglish

AcceptReset

Can switch the languages by the pull-down list.



CAUTION

- (1) Live streaming may lag due to wireless transmitting and receiving.
- (2) The remote operation function is limited to only the data in the storage device. If the data in the SD card has been overwritten, the data for that period cannot be searched.
- (3) When the operation is over, please remember to disconnect the WiFi connection with the machine; otherwise, the mobile phone will not connect to the external network.
- (4) If there is no head-up display indicator, it is recommended to regularly check and use a computer to play images to ensure the regular operation of the recording system.