OCTAVUE SIMBIOS LUXICAM FENNEC SERIES

GSD GROUP

SECURING YOUR WORLD

USER MANUAL

PVM (PUBLIC VIEW MONITOR)

Catalog

Version History

Version	Description	Note
V1.00		standard version

Chapter 1 Product Introductions

1.1 Outlook instructions

No.	Name	Descriptions
A	PIR	120°,3m
B	Screen	10.1,21.5 and 27 inch etc.
C	Sensor	1080P
D	Indicators	Blue and white indicators
E	VASE holes	75mm*75mm,100mm*100mm
F	Wiring Duct	TF card slot,alarm in and out,power,RJ45 etc.

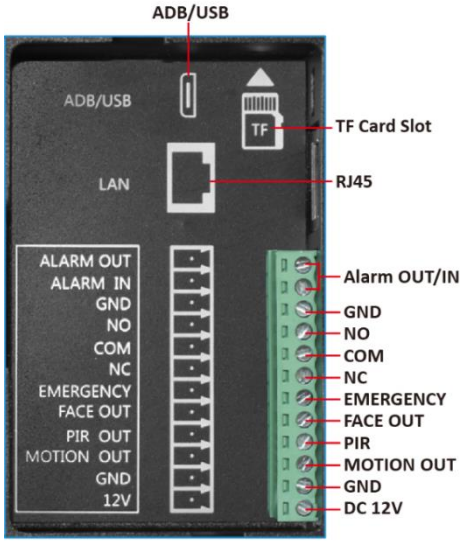
Note

- Here is an example of 10.1 inch landscape screen PVM, and other modules could be comparable to this module.

1.2 External Ports

Name	Description
ADB/USB	It is used to download the firmware.
TF	TF card slot,(max. 1TB)

LAN	RJ45，100MB
ALARM OUT	Alarm output interface. The default state is low level;high level is the trigger state.
ALARM IN	Alarm input interface, two modes of open circuit or short circuit are optional
GND	GND
NO	Normal open contact point of the relay
COM	common contact point of the relay
NC	Normal close contact point of the relay
EMERGENCY	Emergency mode trigger interface, external trigger level DC3~48V
FACE OUT	Face detection alarm output, the default state is low level;high level is the trigger state
PIR OUT	PIR detection alarm output, the default state is low level;high level is the trigger state
MOTION OUT	Motion detection alarm output, the default state is low level;high level is the trigger state
GND	DC power GND
12V	DC power 12V+



Chapter 2 Basic Operations

2.1 Device Connections

2.1.1 Wired Connection

Here is the wiring diagram of connecting the PVM to the client computer (or server) through a switch.

2.1.2 WiFi Connection

After the wired connection of 2.1.1, you could set up the WiFi based on chapter 4.6.

Warning

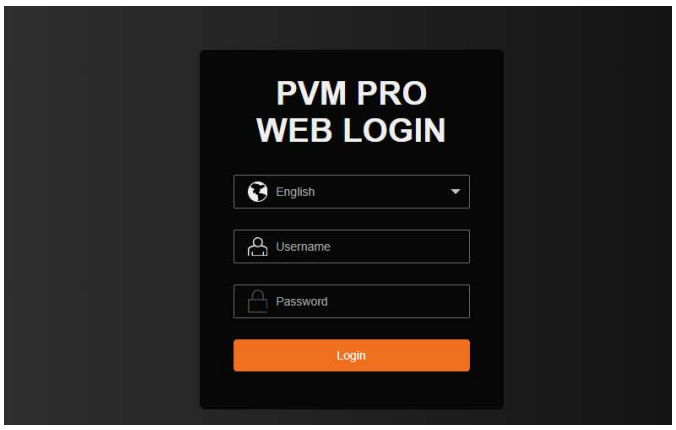
- It may lead to additional risks when the device is connected to the internet, which will include but not limited to network attack, hacker attack, virus infection etc. Our company will not be responsible for any abnormal work and information leakage caused by this situation, but the company will provide you with relevant technical support in a timely manner.

2.2 Log In and Log Out

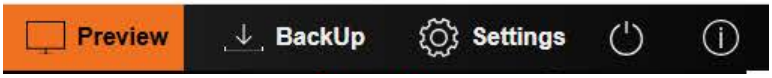
Access to browser（Chrome,Edge,Firefox etc.）and enter the IP address to log in.

Note

- By default, the IP address of PVM will be obtained automatically ;
- the default user account is ‘admin’ and the password is ‘admin123.’;
- When you log in to the device for the first time,please set the password as prompted.

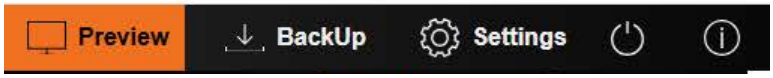


Click the logout icon in the upper right corner to log out.



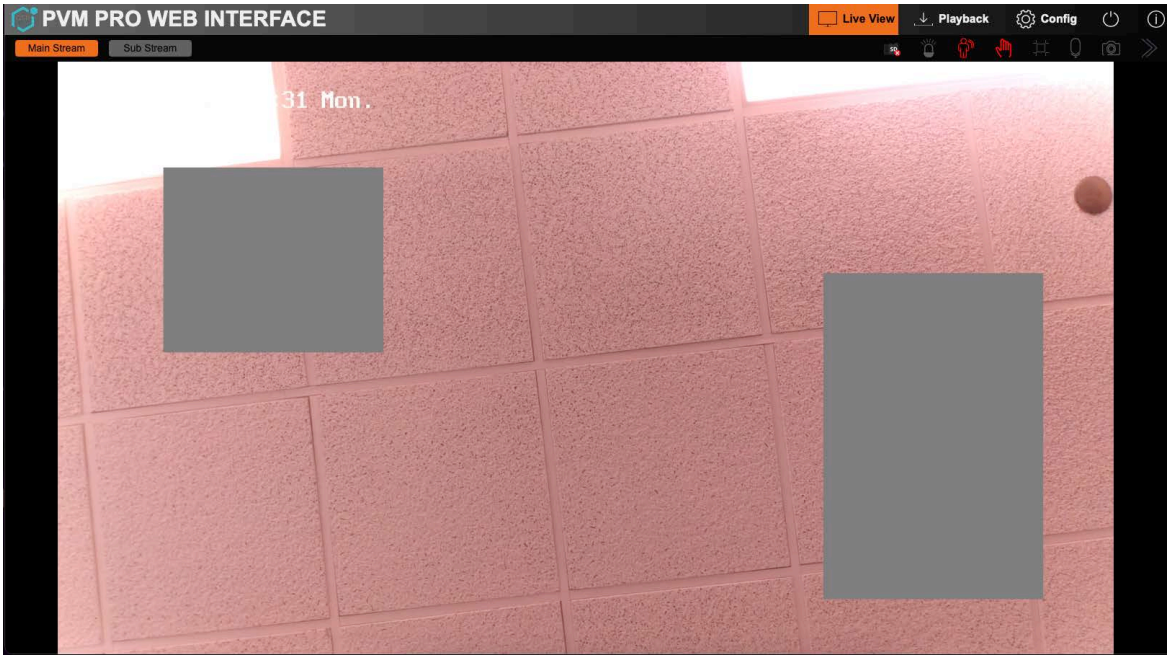
Chapter 3 Web Interface Instructions

Web interface contains three main modules: preview interface, backup interface and settings interface.



3.1 Live View Interface

The Live View interface is divided into real-time video display window at the bottom and toolbar (red mark) . To the left of the toolbar are the main stream and sub stream buttons. To the right are the SD card icon, alarm probe icon, motion detection icon, video blind alarm icon, full screen, audio enable and screenshot function.



Main Stream-- Displays 1080P standard video by default. Details of output specifications can be viewed or set in “Configuration”-> “Config Media”-> “Audio Video” interface.

Sub stream icon-- the default sub stream video is 720P . The output details could be checked and changed in the interface of “Configuration” - >“Config Media” ->” Audio Video” .

Alarm display icon -- After alarm input enabled , this icon will be red. Once triggered, the icon will be flashing.

Motion detection icon： After motion detection enabled , this icon will be red. Once triggered, the icon will be flashing.

Video blind icon： After video blind enabled , this icon will be red. Once triggered, the icon will be flashing.

Video stretch icon -- When this is enabled, the icon will be red and the video display window will automatically fill up with the current browser's display zone. Notice that when this is enabled, the video will deform accordingly.

Screenshot capture icon --Click to capture a frame of the video and to save it to the local folder.

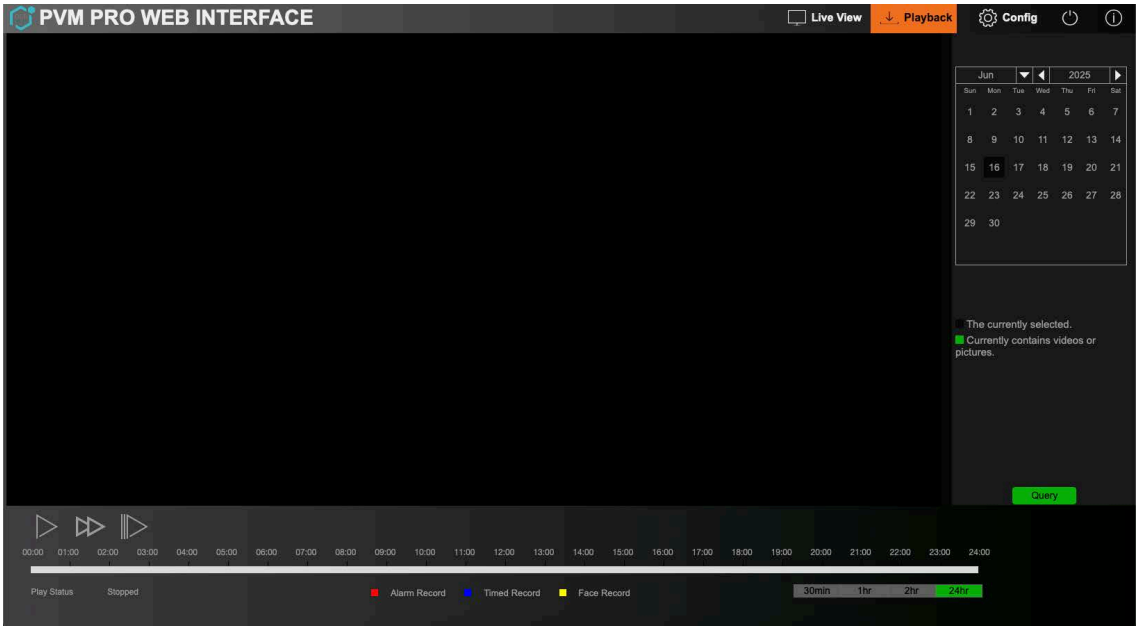
Folding button : After clicking, the focusing interface of electric lens will be opened. Some products are fixed-focus lens without this icon.

3.2 The Playback page

You could view, play and export all the videos in the “Playback” page which is in the memory card . The “Playback” page consists of three parts, the playback window, the playback control area and the video search area.

Note

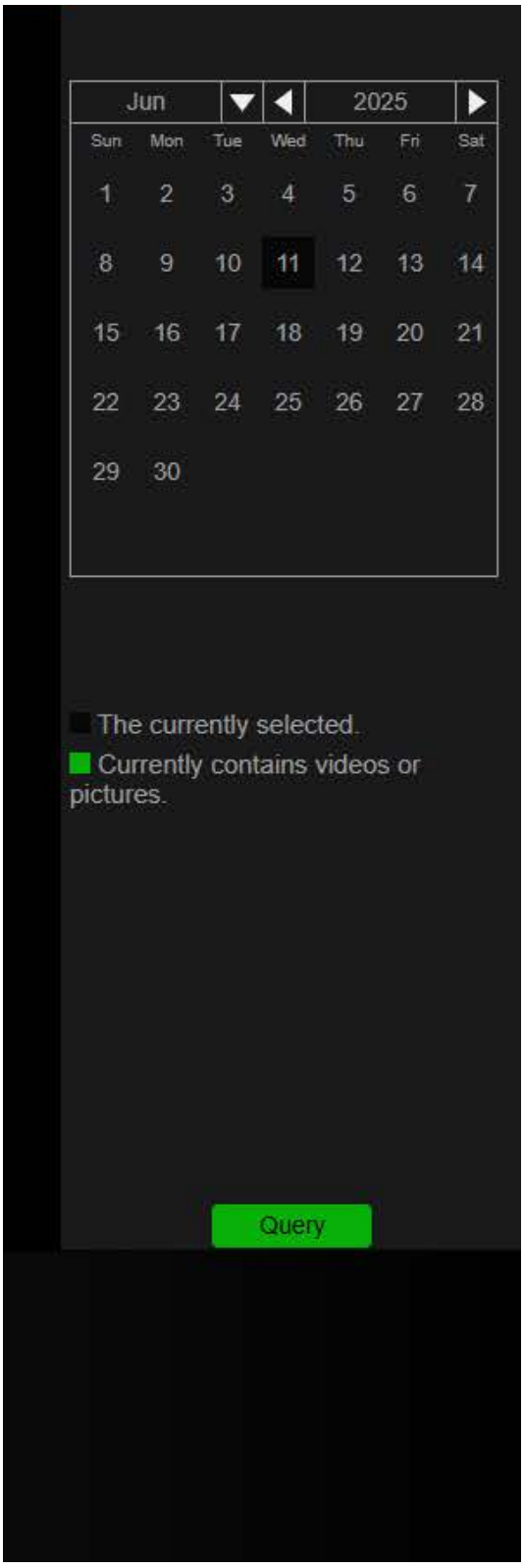
- The recording function requires a TF memory card in the terminal.



Video playback window-- It is used to play the recorded videos.

Video playback control area-- It contains play control buttons and timeline. Playback control buttons, from left to right in turn, are play/stop ,slow down and speed up icons. On the timeline, red ,green and blue segments represent video segments of the alarm records, timing records and face records. You could switch to a 2 hours, 30 minutes, 1 hour or 24 hours timelines.

Video search area-- Search the video of any day. When selecting a specific day, click “Query” to get the videos and photos of that day.

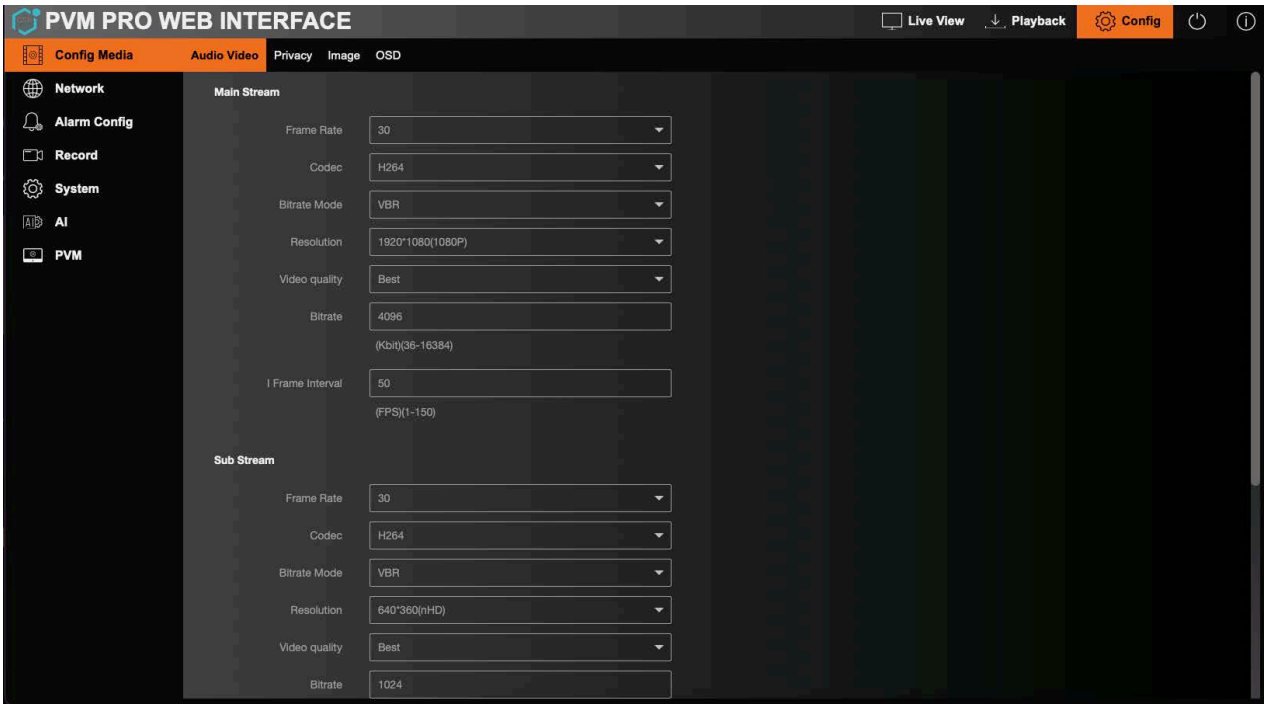


Download Format-- The download file formats include IVD, MP4 and JPG .

Download-- Download the videos or pictures to a local folder.

3.3 Configuration Interfaces

The page contains media configuration, network Settings, alarm configuration, storage settings, system related configurations and PVM related settings.



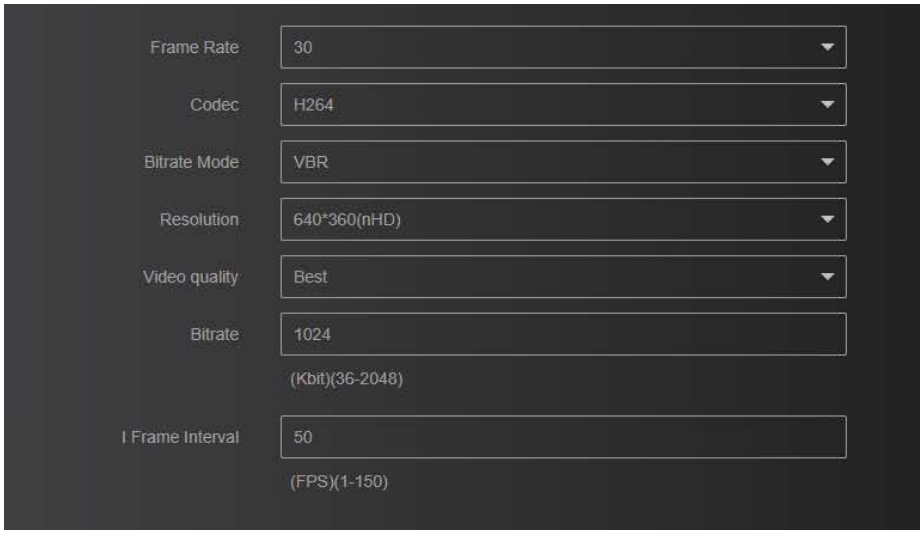
Chapter 4 Media settings

Go to “Config” -->”Config Media “ interface. Media settings include audio and video settings ,image parameters and OSD etc..

4.1 Audio and Video Settings

4.1.1 Video Parameter Configurations

Video parameter settings include main stream parameters and sub-stream parameters.



Frame Rate-- It ranges from 1 to 30 frames per second.

Codec-- H264B, H264, H264H and H265 are supported (H264 by default).

Bitrate Mode-- It contains 2 modes, CBR and VBR.

Resolution-- The video resolution of the main stream is 1080P and 720P, which can be switched freely, and the default is 1080P. There are two sub-stream video resolutions, CIF and nHD, which can be freely selected.

Image quality-- The image quality is divided into five grades, including ”Worst”, “Normal”, ”good”, ”Better” and “Best” (the default grade is “best”.).

Video Rate-- The range of the main stream is 36~10240Kbit, and the default rate is 8192Kbit; Sub-stream is 36 ~2048Kbit, and the default rate 512Kbit.

I Frame Interval-- The default value is 50FPS and the value range is 1 ~150 FPS.

4.1.2 Audio settings

Go to "Config" --> "Config Media" --> "Audio Video" interface. Audio and video configuration allows customers to set audio and video parameters accordingly.

Audio parameters mainly include encoding type and output volume.

Codec--The current device supports two audio encoding types, G711U and G711A

Output Level-- Adjust the output volume of the speaker from 0 to 5 levels; the default volume level is 5.

After modifying the parameters, click “Save” to complete the configurations.

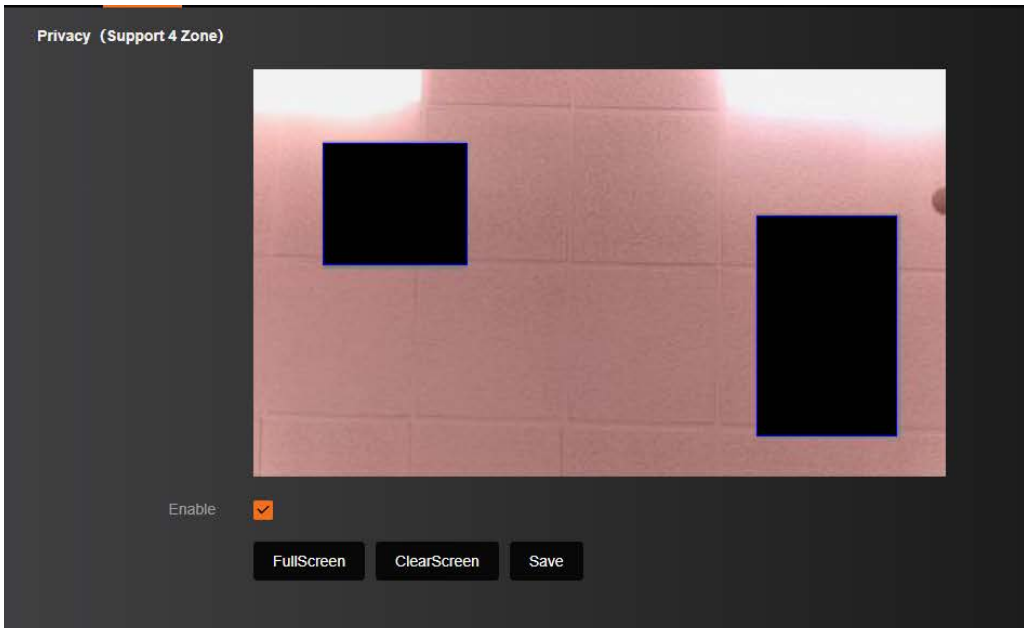
4.2 Privacy Mask Settings

Go to "Config" --> "Config Media" --> "Privacy" interface. Privacy mask allows you to mask sensitive areas in the monitoring screen and not display them in the screen. The device supports a total of 4 areas of occlusion.

Press and hold the left mouse button in the screen and drag the mouse, then release the left mouse button to complete the drawing of an occluded area. After drawing the occlusion area, select "Enable", and click "Save" to complete the setting.

Full Screen-- The privacy shielding area could be set as the entire monitoring screen.

Clear Screen-- All the set privacy shielding areas will be deleted.



4.3 Image Settings

Go to “Config”-- >”Config Media”-- >”Image”. The default parameters of the PVM satisfy the requirements of most application scenarios and, generally, are not recommended to be modified.

If your terminal is used in special scenarios and the default parameters is not suitable for your requirements, the parameters can be adjusted by security professionals according to the field environment.

Warning

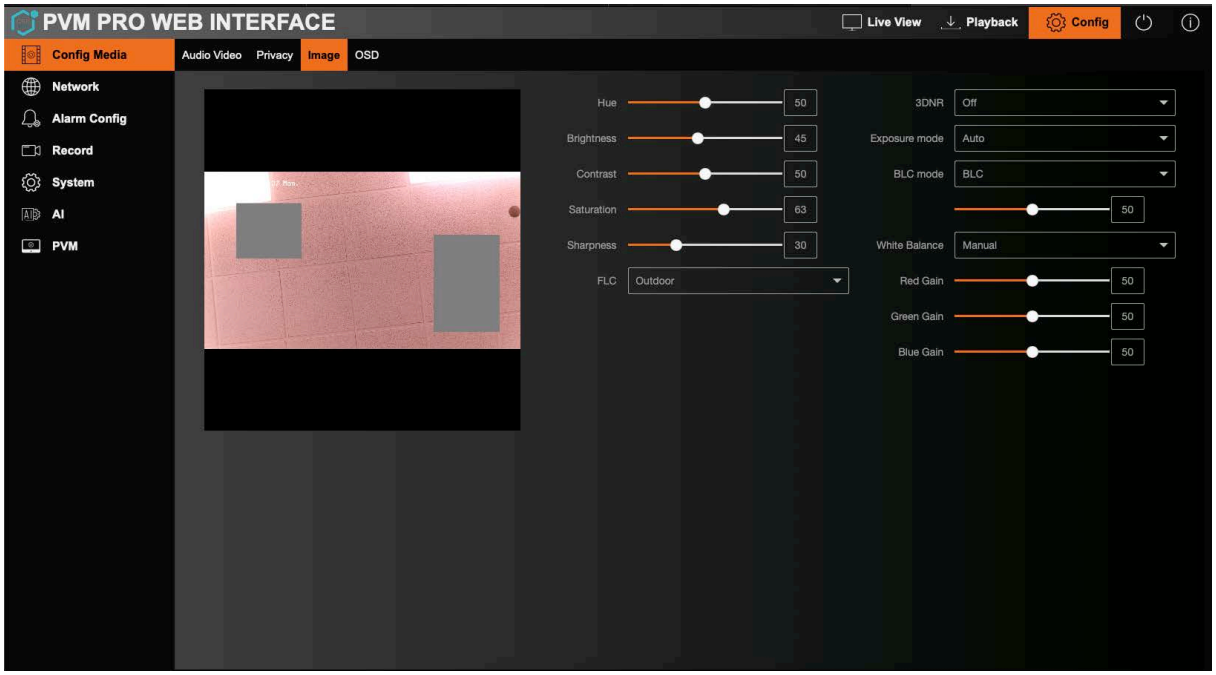
- The change of parameters here may have affects on the detection effect of persons.

3D noise reduction-- The 3D noise reduction algorithm is to compare the images of the two frames before and after, find out the position of the noise, and then control its gain. The 3D digital noise reduction function can reduce the noise interference of weak signal images. 7 levels from 0 to 6 are optional, and the default level is 2. The higher the level, the less image noise, but it will relatively reduce the image contrast.

Exposure mode-- Exposure mode can be selected as Auto or manual. If the auto mode is selected, the device will automatically adjust the exposure parameters according to the

environment; if the manual mode is selected, the device will run according to the shutter speed set by the customer.

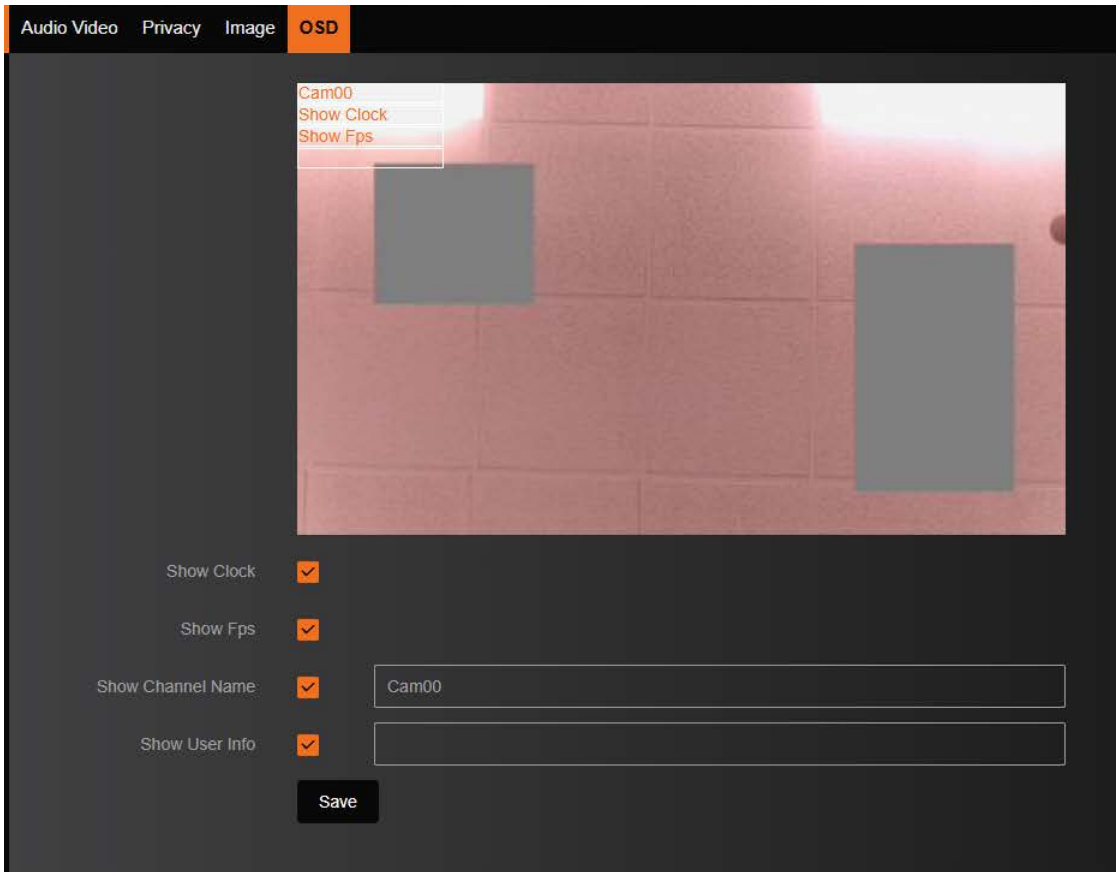
BLC mode-- "Backlight Compensation" can be set to one of off, BLC, HLC and WDR modes. "BLC" is backlight compensation, which is beneficial to compensate the darkness of the front backlight environment; "HLC" is backlight compensation, which is beneficial to the compensation of darkness in the rear backlight environment. WDR, the full name is wide dynamic range. Wide dynamic range means that very bright parts and particularly dark parts in the scene can be seen clearly at the same time.



4.3 OSD

Go to “Config”-- >”Config Media”-- >”OSD”.

You can set OSD (On-screen Display) information such as device name, time,color, and text overlay displayed on video stream. Every OSD box can be dragged freely. After modifying the parameters, please click "Save" to complete the settings.



Show Clock--After enabled, time information will be displayed in the monitoring screen.

Show Fps-- After selection, the frame rate and code rate information will be displayed on the monitoring screen.

Display Channel Name--After filling in the channel name, the corresponding name will be displayed.

Show User Info.-- Type in the customized information of the monitoring screen.

Chapter 5 Network settings

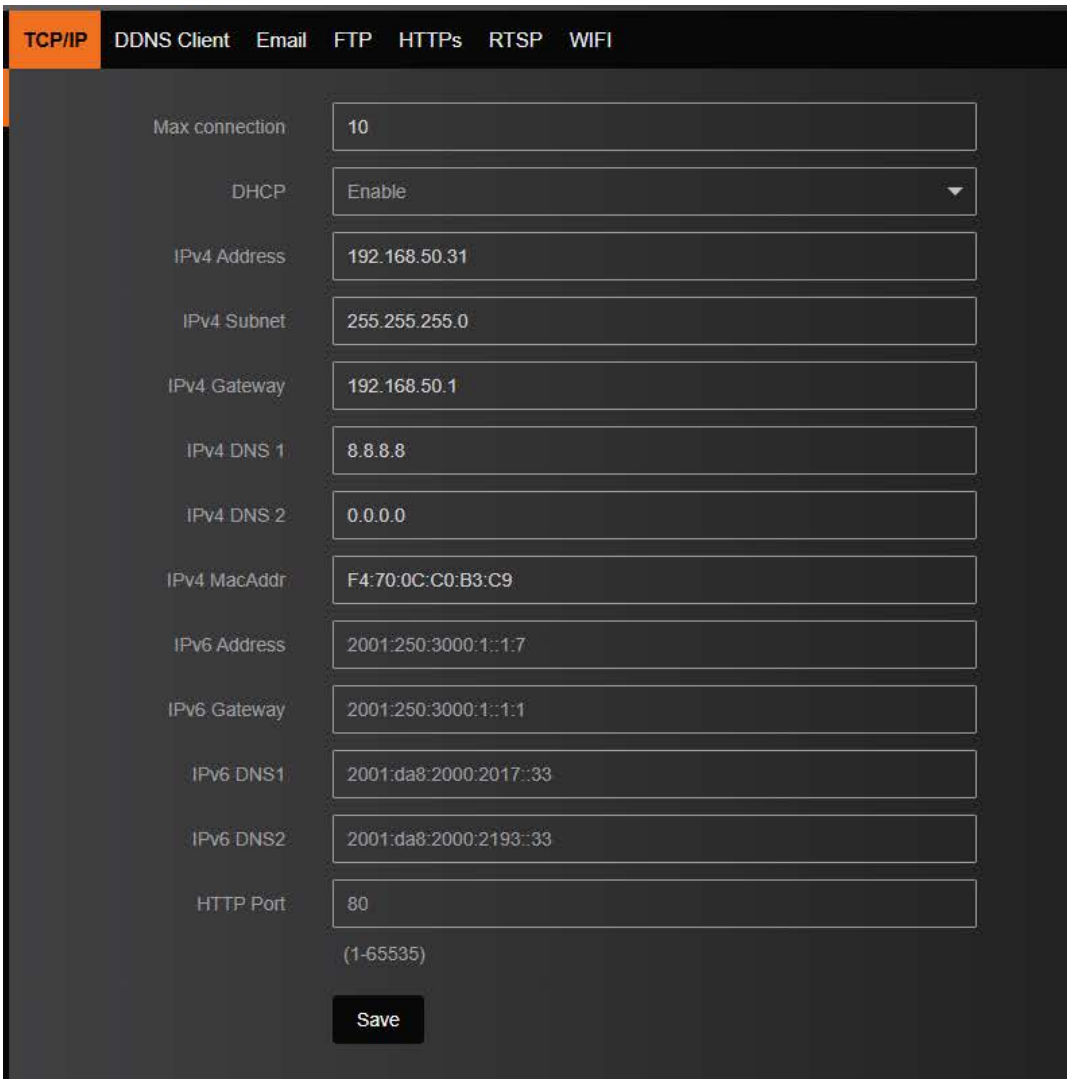
Go to "Config" -> "Network",here you can configure parameters such as TCP/IP, DDNS, E-mail, FTP, RTSP, WiFi, etc.

5.1 TCP/IP Settings

Go to “Config” -->”Network”->"TCP/IP" interface. You could change the network parameters accordingly. If DHCP is enabled, the device will get its own IP address in the LAN; if DHCP not enabled, you could set the network parameters manually.

Note

- When changing the IP address to another segment, please configure the IP gateway to the same network segment as well.



5.2 DDNS

Go to “Config” -->”Network”->"DDNS Client" interface. In the public network environment, most users use dynamic IP addresses. Using DDNS (Dynamic Domain Name Resolution) to access PVM can effectively solve the problem of PVM public network access.

Enable --Check it to enable DDNS function.

Provider-- The system provides "3322.org", "DynDDNS" and "Noip" for domain name resolution. "3322.org", "DynDDNS" and "Noip" are third-party domain name resolution servers.

Server-- The server address of the domain name resolution software operator.

Host name-- the domain name applied by the user on the software operator website.

User name-- The user name corresponding to the user registration account

Password-- The password corresponding to the user's registered account.

After modifying the parameters, click "Save" to complete the setting.

5.3 E-mail settings

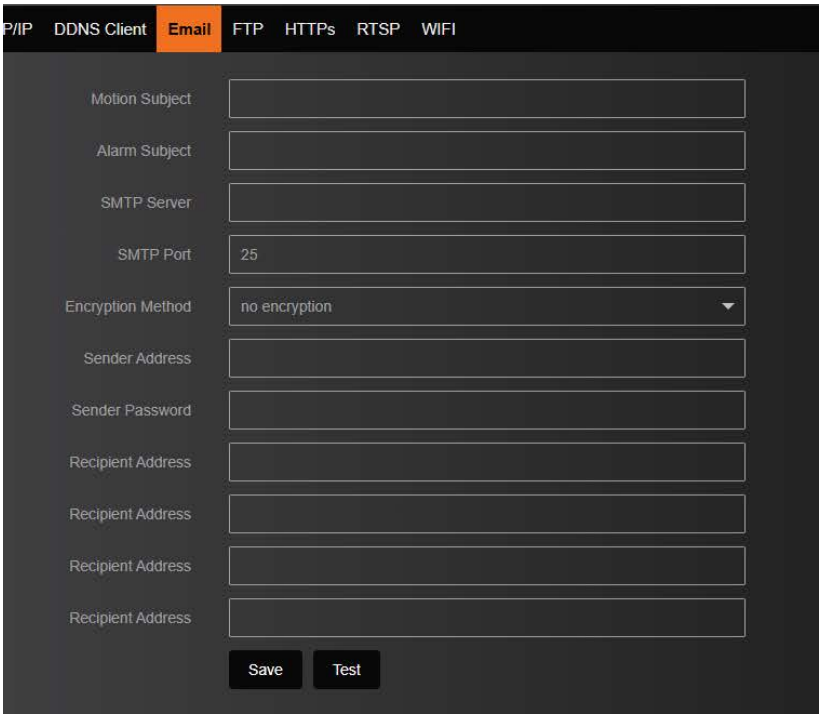
Go to “Config” -->”Network” -->”Email”. After setting the Email parameters, if there is an alarm event, an email will be sent to the designated mailbox.

Sender’s mailbox information-- It includes the “SMTP Server” ,”SMTP Port “ and email address.

Encryption Method-- The device supports “SSL”, “TLS” and “no encrypt” modes.

Recipients mailbox information-- It is for the recipient email addresses and there are 4 of these. Click the “Test” icon below to confirm whether the recipient addresses and the sender's information are correct.

After setting the parameters, click “Save” to complete the settings.



5.4 FTP settings

Go to “Config” -->”Network”- >”FTP”. If the FTP parameters are filled, the device can upload the captured pictures and recorded videos to the specified FTP server.

Enable-- Enable FTP.

Sever,Port--FTP Server and port.

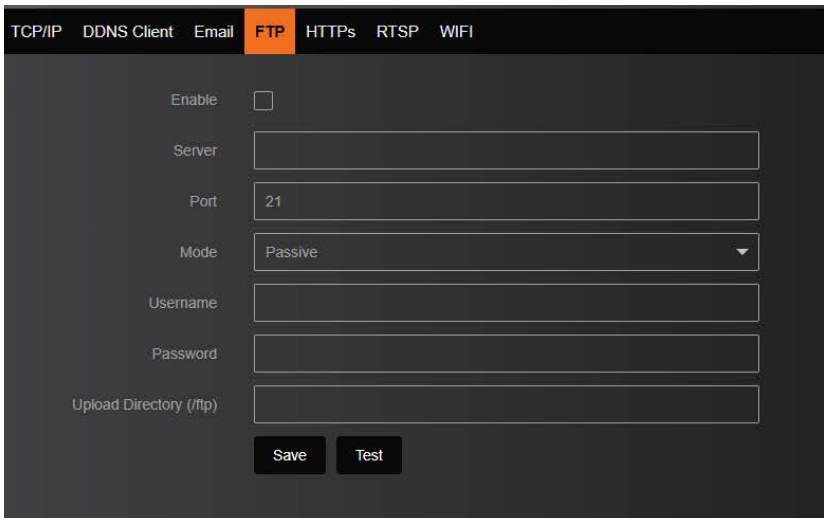
Mode-- Active and passive mode are optional, and the default mode is passive.

User Name, Password-- The username and password of the FTP server.

Upload Directory(/ftp)-- The path to upload of the FTP server.

Before using the FTP function, it is recommended to set up the FTP server. If your FTP server has been set up, please click the “Test” option to test FTP communication. If the Settings

are correct, a prompt of successful test pop-up will show. Click “Save” to complete the settings after filling in all the information.



5.5 RTSP settings

Go to “Config” --> “Network” -->”RTSP”. This will allow you to get real-time video streaming from your device.

RTSP Port-- The RTSP port.

RTSP Authentication-- RTSP authentication can be set to “enabled” or “disabled” mode as required.

After filling in the information, click “Save” to complete the settings.

5.6 WiFi settings

Go to “Config” -- >”Network” -- >”WiFi” interface.

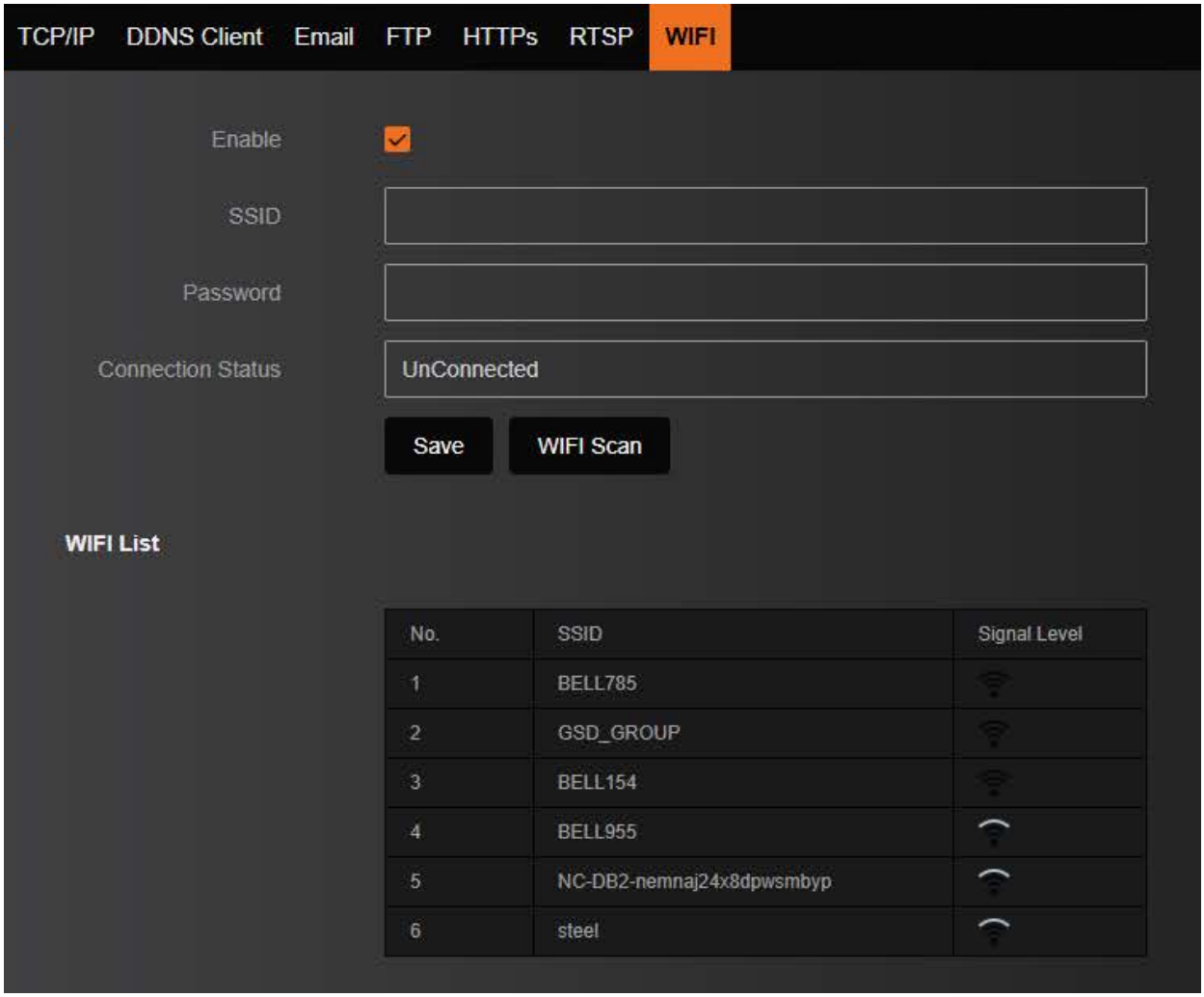
Enable-- Enable WiFi.

WiFi Scan-- Click “WIFI Scan” , the device will search the surrounding WIFI signals.

SSID-- WiFi account.

Password-- WiFi password.

After type in the “SSID” and “Password” of the WIFI, click “Save” to connect.

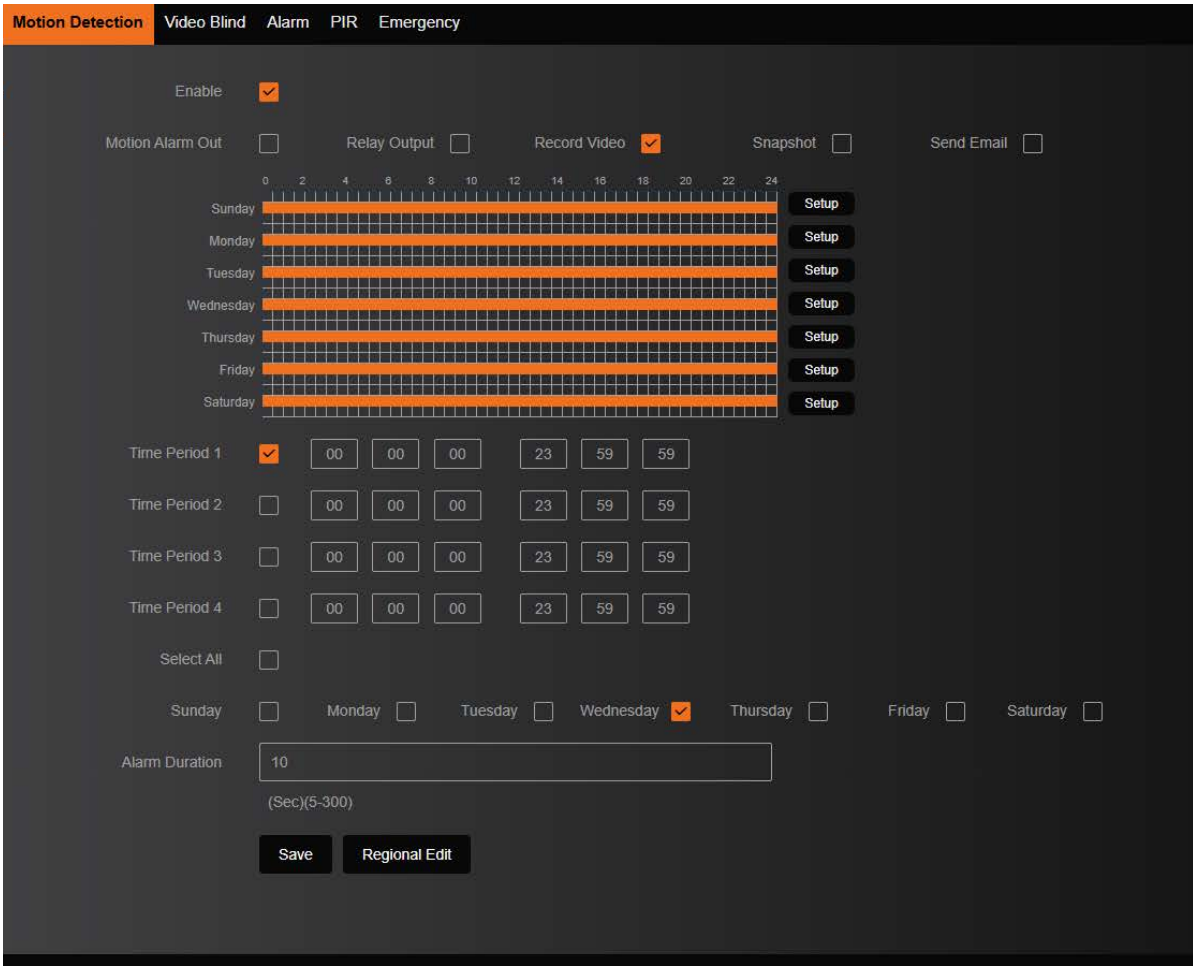


Chapter 6 Alarm settings

Go to “Config”-->”Alarm Config” page. Alarm configurations will allow users to set motion detection,video blind, alarm input and output, PIR and emergency mode.

After setting the alarm plans, the device will automatically perform the alarm task according to the configurations of the motion detection,video blind, alarm input and output, PIR and emergency mode to trigger the alarm output,video record, sending emails, emergency mode etc.

6.1 Motion detection settings



Go to “Config”-->”Alarm Config” -->”Motion Detection” page, you can set the linkage output and plan of motion detection.

Enable-- Motion detection enable.

Regional Edit-- After clicking, you can set the motion detection area in the screen, see the figure below for details.

Motion Alarm Output-- After enabled, if motion detection is triggered, the MOTION OUT interface will change to the high level.

Relay Output-- After enabled, if motion detection is triggered, the relay interface(NO ,NC) will be triggered in linkage.

Record Video-- After enabling, if motion detection is triggered, the recording function will be triggered. Among them, the video is 50MB.

Snapshot-- After enabling, if motion detection is triggered, the PVM will capture a picture.

Send Email-- After enabling, if motion detection is triggered, an email will be sent.

Alarm Time-- The duration of the alarm output, the optional time period is 5~300 seconds, and the default is 5 seconds.

Alarm Date Settings-- Any number of days from Monday to Sunday can be selected.

Sensitivity-- There are three options available: High, Medium, and Low, and the default is Medium.

Threshold-- The threshold range is 1~100.

Full Screen-- The full screen is the motion detection area.

Clear Screen-- Clear the set motion detection areas.

Note

- When setting the motion detection areas, move the mouse cursor to the right screen display area, and use the right mouse button to click and drag to set different motion detection areas.

6.2 Video Blind Settings

Go to “Config”-->”Alarm Config”--> "Video Blind" page, you can set the linkage outputs and plan of the video blind alarms.

Enable-- Video blind alarm enable.

Relay Output-- After enabling, if video is blinded, the relay interface (NO,NC) will be triggered in linkage.

Recording-- After enabling, if video is blinded, the recording function will be triggered. Among them, the video is fixed at 50M.

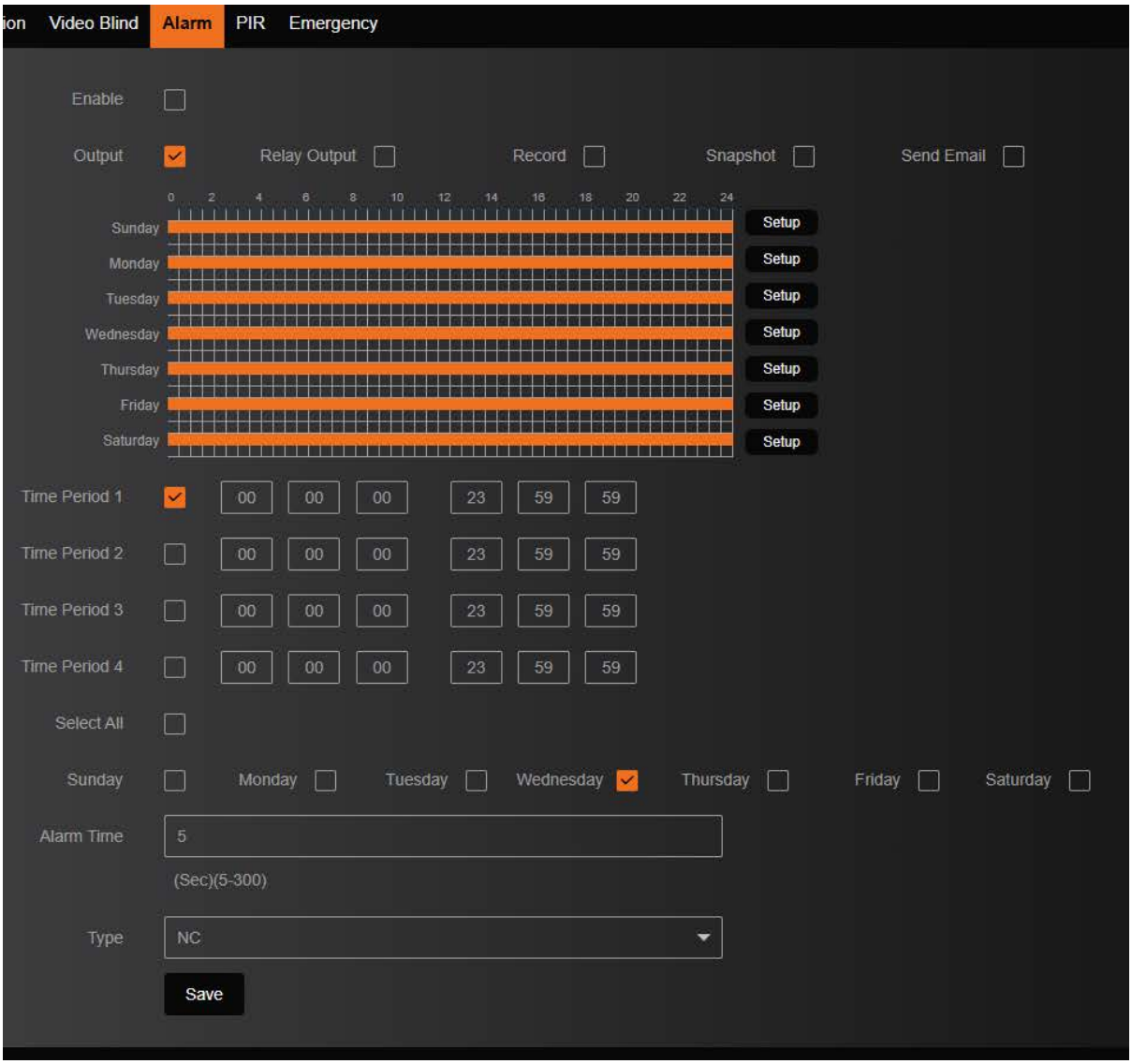
Snapshot-- After enabling, if video is blinded, the PVM will capture a picture.

Send Email-- After enabling, if video is blinded, an email will be sent.

Alarm Time--The duration of the alarm output, the optional time period is 5~300 seconds, and the default is 5 seconds.

Sensitivity-- There are three options available: High, Medium, and Low, and the default is low.

Alarm Date Settings--Any number of days from Monday to Sunday can be selected.



6.3 Alarm In Settings

Go to “Settings”-->”Alarm Config”-->"Alarm" page, you can set the linkage output and plan of the alarm input.

Enable-- Alarm input enable.

Alarm Out-- If enabled,once alarm input is triggered, the alarm output will be high level.

Relay Output-- After enabling, if alarm in port is triggered, the relay interface (NO,NC) will be triggered in linkage.

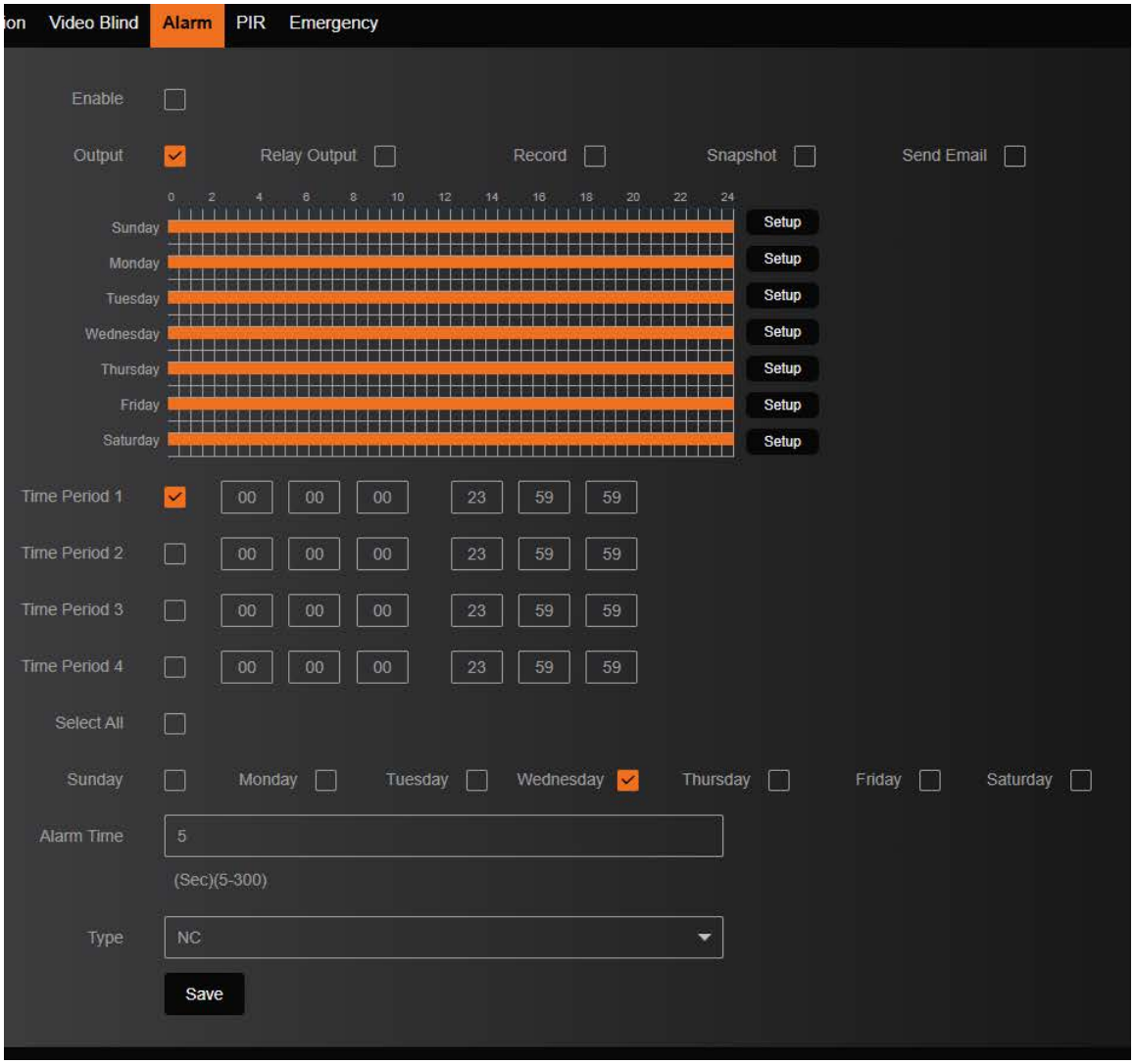
Recording-- After enabling, if alarm in port is triggered, the PVM will record a 50MB video.

Snapshot-- After enabling, if alarm in port is triggered, the PVM will capture a picture.

Send Email-- After enabling,if alarm in port is triggered, an email will be sent to alarm.

Alarm Time--The duration of the alarm output, the optional time period is 5~300 seconds, and the default is 5 seconds.

Alarm Date Settings--Any number of days from Monday to Sunday can be selected.



6.4 PIR Settings

Go to “Config”-->”Alarm Config”--> "PIR" page, you can set the linkage output of PIR.

Enable-- PIR enable.

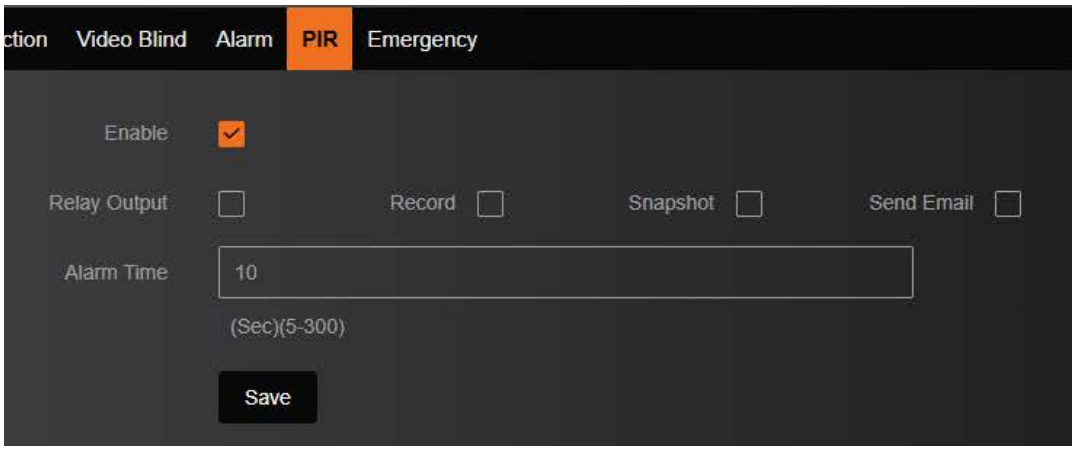
Relay output-- After enabling, if PIR is triggered, the relay interface (NO,NC) will be triggered in linkage.

Recording-- After enabling, if PIR is triggered, the PVM will record a 50MB video.

Snapshot-- After enabling,if PIR is triggered, the PVM will capture a picture.

Send email-- After enabling,if PIR is triggered, an email will be sent to alarm.

Alarm Time--The duration of the alarm output, the optional time period is 5~300 seconds.



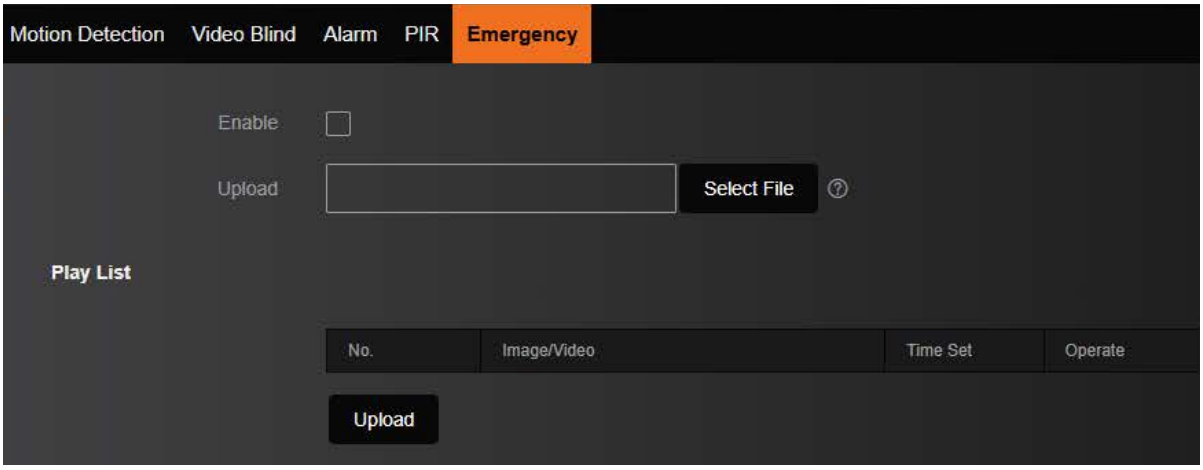
Note

Once the PIR sensor is triggered, the default linkage PIR alarm output port becomes high level.

6.5 Emergency Mode Settings

6.5.1 Emergency Mode Software Settings

Go to "Config" --> "Alarm Config" --> "Emergency" page, you can set the linkage output file of the emergency event. When the EMERGENCY port input level of DC3~48V, the emergency mode is triggered, and the terminal will play the uploaded emergency file; once the EMERGENCY port trigger signal disappears, the device will automatically return to the original display mode.



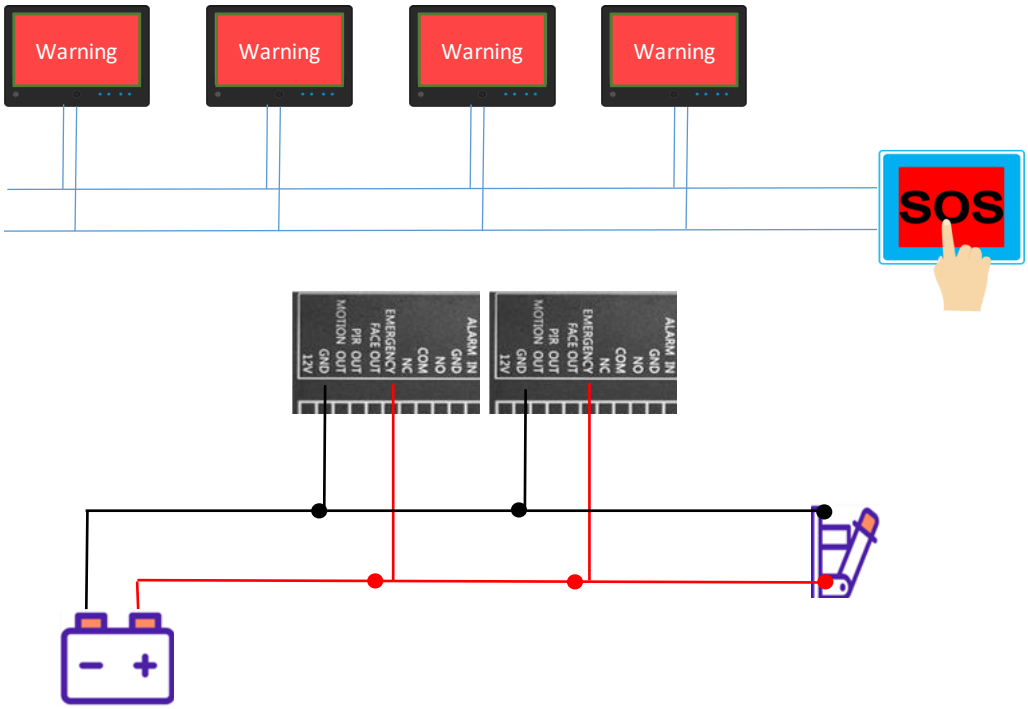
Note

- Emergency files support JPG, PNG, BMP, GIF, MP4, MKV, MOV formats;

- It is recommended to upload the advertisement with the corresponding resolution according to the prompt of the device, otherwise the display screen will be compressed or stretched when the terminal plays urgent files;
- Only one urgent document should be uploaded;
- Once the emergency mode is triggered, the brand image will be displayed at the same time when the PVM plays the file.

6.5.2 Emergency Mode Hardware Wiring

In actual use, it is generally necessary to connect multiple terminals in parallel to trigger multiple devices to enter emergency mode with one key or button. The schematic diagram of the usage scenario and the schematic diagram of the wiring are shown below.



Chapter 7 Storage Settings

Go to "Config" --> "Record" page. Storage settings include video recording schedule, SD storage, snapshot, storage management, NAS, system log etc.

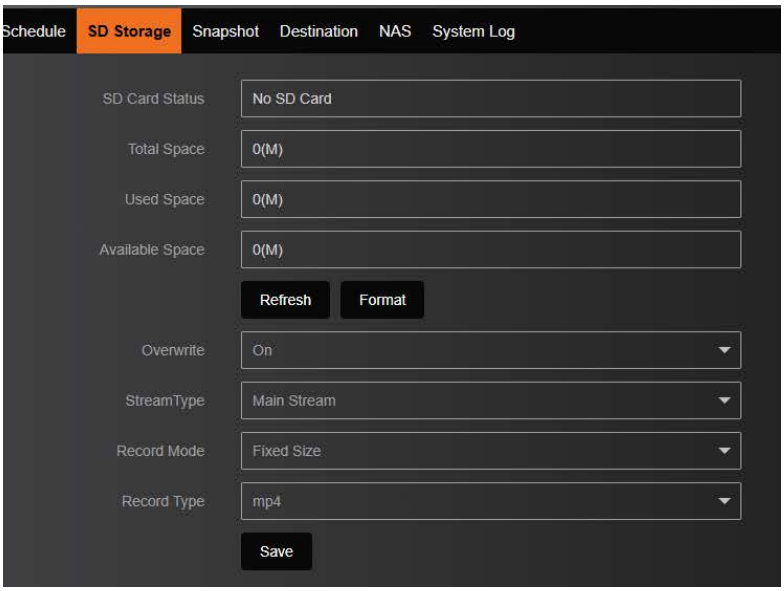
7.1 Recording plan settings

Go to "Config" --> "Record" -->”Schedule”. After the configuration of the recording schedule completed , the terminal will automatically execute the recording task within the configured time, and save the recording files to the storage location. The recording task could be set in four different time periods.

After setting the recording schedule, tick “Enable” and click “Save” to complete the setting.

7.2 SD Storage

Go to "Config" --> "Record" -->”SD Storage ”. SD Storage allows user to get the status of the memory card and set the format of the videos stored in the SD card.



Refresh-- Click "Refresh" to query the internal usage of the SD card. It shows the total capacity of the SD card, the used amount of the SD card and the unused amount of the SD card.

Format-- Format memory card. If the memory card is used the first time in the PVM and cannot be used, click “Format”.

Overwrite-- when the SD card is full, there are two recording modes, loop recording and stop recording. “On” is for loop recording and “Off” for stop recording. If the device is in loop recording mode, when the memory card is full, the earliest recorded videos in the memory card will be automatically overwritten; if in stop recording mode, recording will be stopped when the memory card is full.

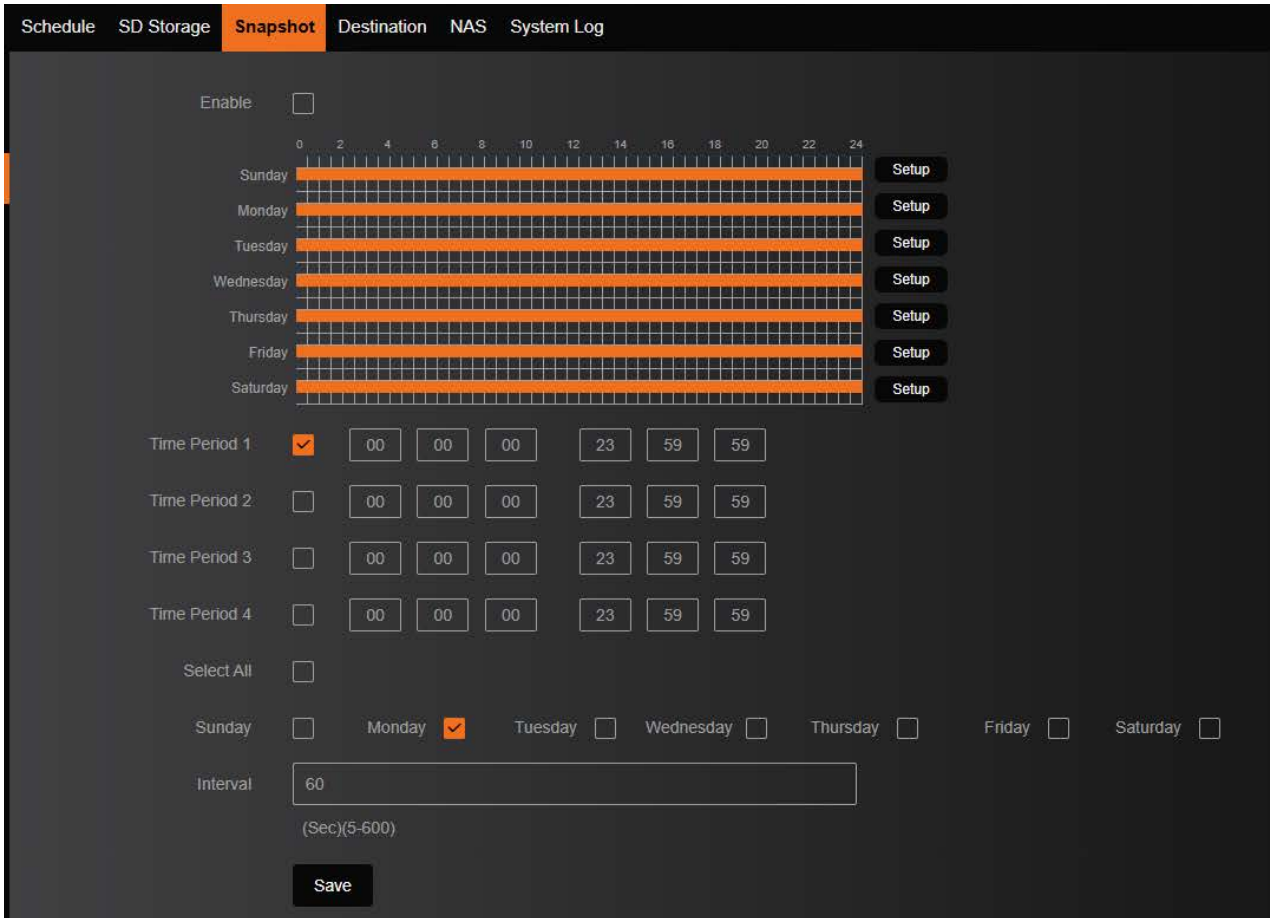
Stream Type-- The video stream options are main stream or sub stream.The specific parameters can be changed in “Config”-->”Config Media” -->”Audio Video”.

Recording Mode-- There are two optional modes: fixed size and fixed time, and the default is fixed size mode.

Record Type-- Supports MP4 and IVD formats.

7.3 Snapshot Settings

Go to "Config" --> "Record" -->”Snapshot ”. After configuring the capture schedule, the terminal will automatically perform the capture task according to the configured time periods and save the snapshots to the storage location. The captured task can be set in four different time periods.

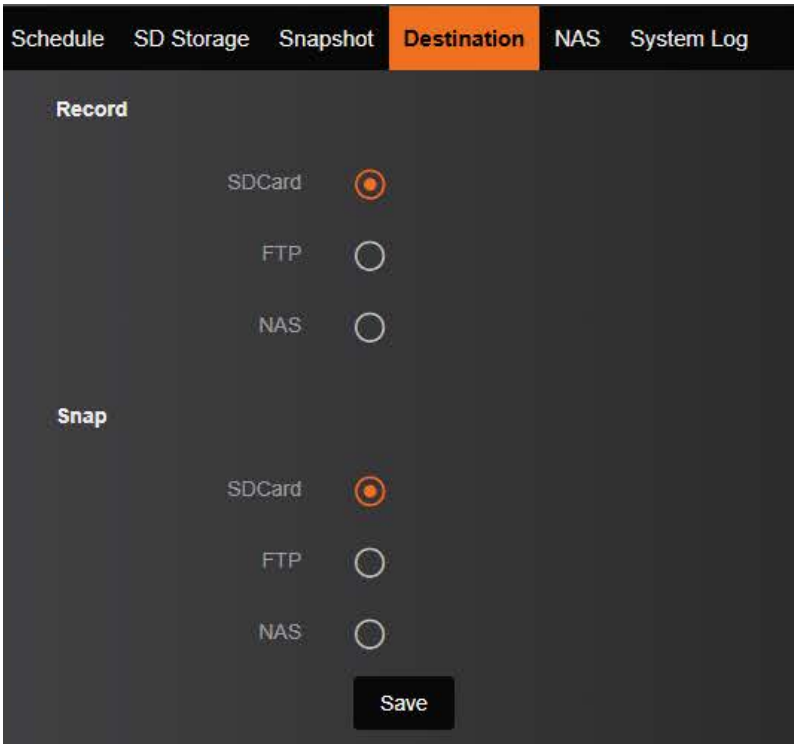


Interval--The interval can be selected from 5 to 600 seconds, 60 seconds by default.

After setting the snapshot schedule, select “Enable” and click “Save” .

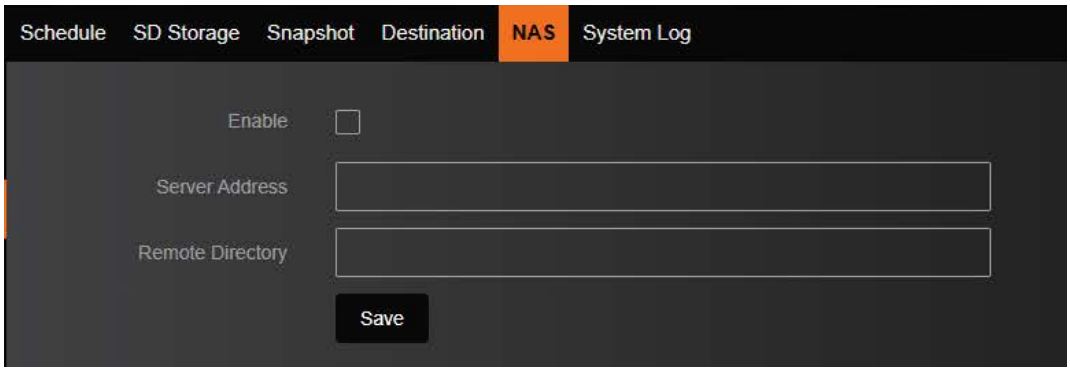
7.4 Storage Destination Settings

Go to "Config" --> "Record"-->”Destination ” page. You could set the storage destinations of videos and photos to SD card, FTP or NAS accordingly.



7.5 NAS Settings

Go to "Config" --> "Record"-->”NAS”. NAS network storage is based on standard network data transmission protocol, and provides file sharing and data backup for computers with different operating systems such as Windows/ Linux/Mac OS etc.



Server Address-- IP address of NAS network hard disk.

Remote Directory-- Save path of files in the network hard disk.

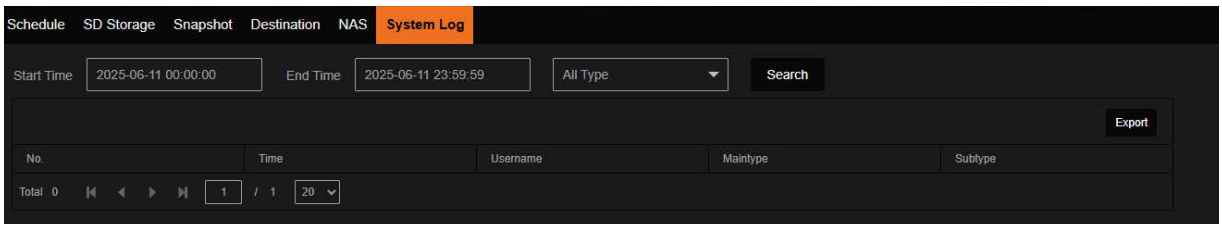
Fill in the address and directory information, then tick “Enable” and click “Save” .

7.6 System Log

Go to "Config" --> "Record"--> "System Log" page. Here you can check the system logs of the device, including operation logs, exception logs, alarm logs and system information etc.

Start Time and End Time-- Used to set the time range for searching logs.

Type-- Select the type of system logs, including operation logs, exception logs, alarm log sand system information.



Chapter 8 System Settings

Go to “Config” -->”System” page. System parameters include system maintenance, device information, set time and user admin.

8.1 System Maintenance Settings

Go to “Config” -->”System” -->”Maintenance” page. System maintenance includes auto reboot, reboot, factory default, configuration file download and upload and system firmware upgrade etc.

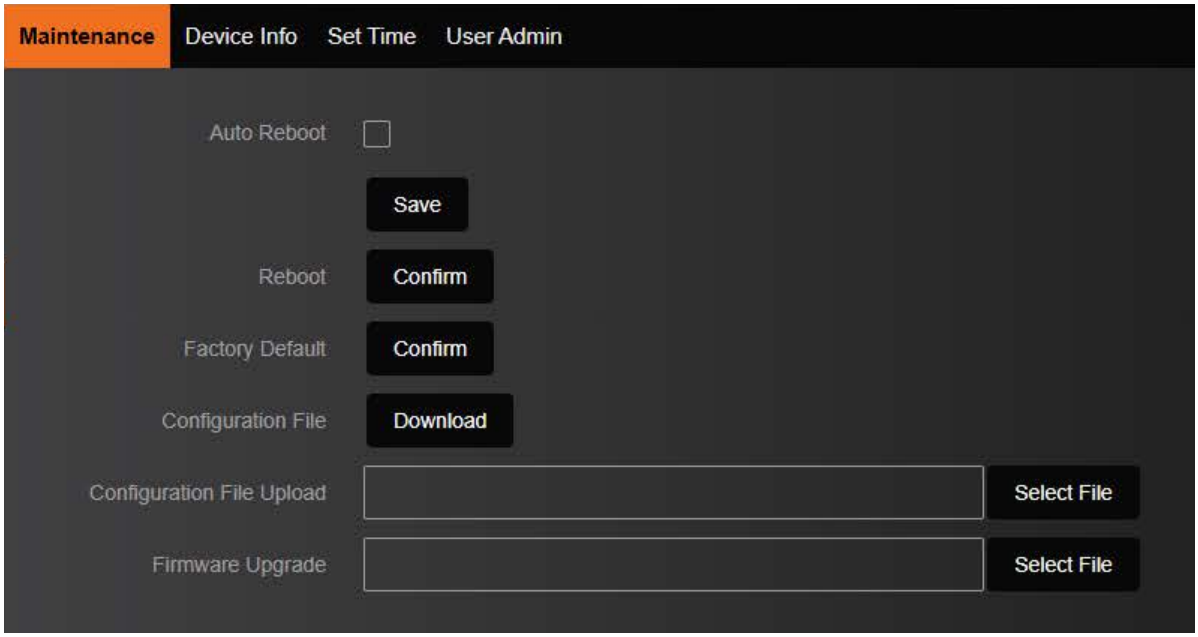
Auto Reboot-- Reboot the device at a specific time of day or any day of the week.

Reboot-- Click “Confirm”to reboot.

Factory Default-- Restore factory setting and all user data will be erased.

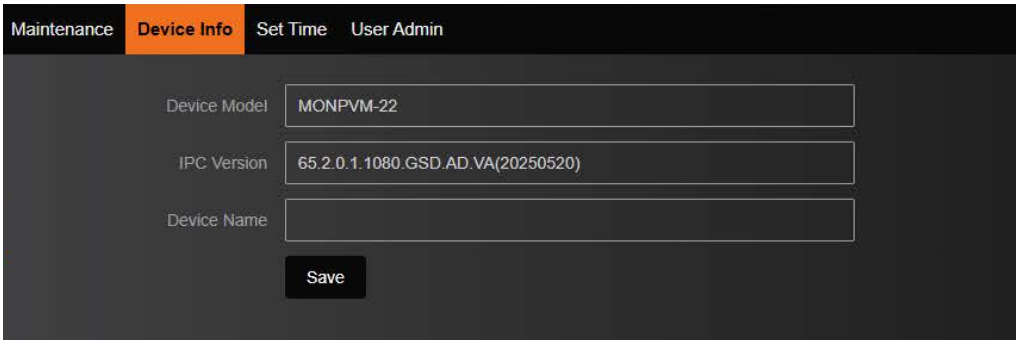
Configuration File-- After clicking "Download", audio and video parameters, image parameters, OSD, network parameters, alarm parameters, etc. will be exported to a configuration file.

Firmware Upgrade-- Click “Select File” to browse the latest firmware to upgrade.



8.2 Device Info.

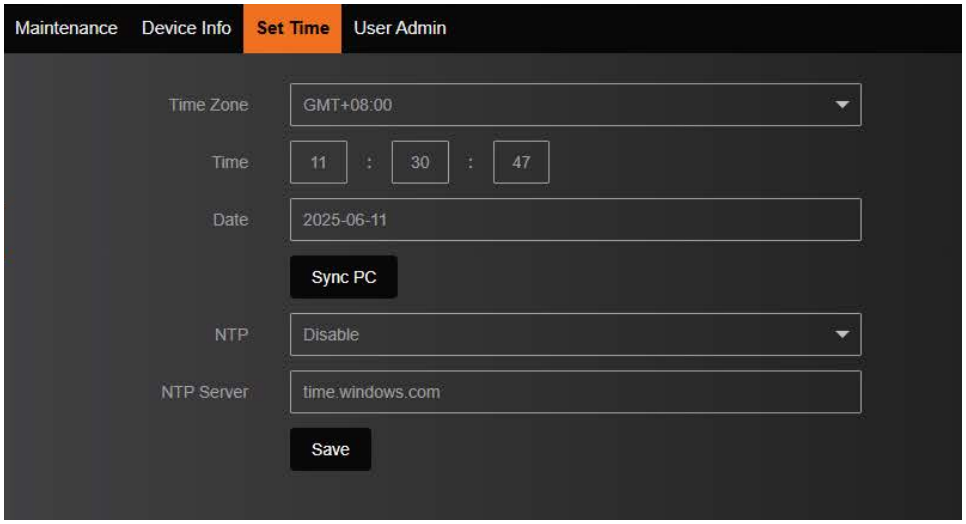
Go to “Config” -->”System” -->”Device Info.”. Device model and firmware version etc. could be checked here.



Device Name-- The device name could be named by end users, and click Save after entering the name.

8.3 Time Settings

Go to “Config” -->”System” -->”Set Time”. It is for setting the time related parameters.



Time Zone-- The time zone shows the current time zone of the device and it can be modified according to the actual situation.

Time-- It is used for manually entering and setting the time of the device.

NTP -- If NTP is enabled, the PVM will synchronize the time accord to the NTP server.

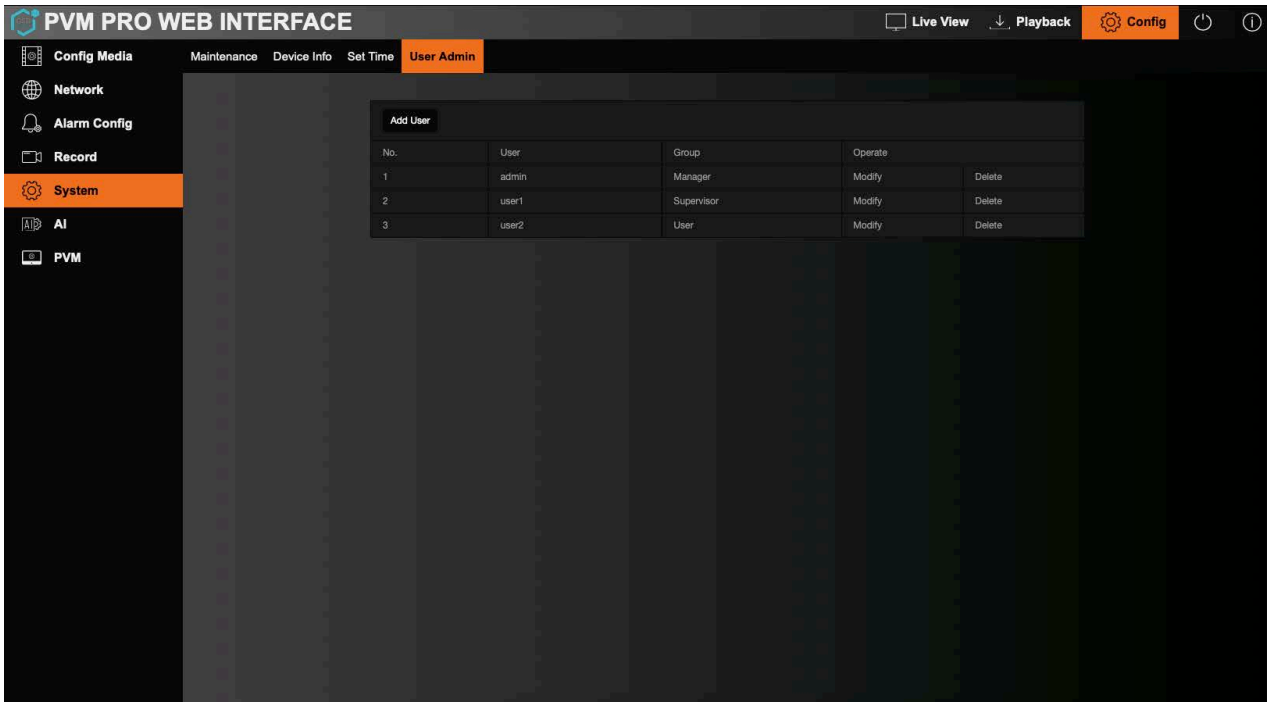
Note

- When there is an external device with a synchronous clock function, the time of the terminal may be modified. For example, the NVR will synchronize the time of the connected devices every once in a while.

8.4 User Managements

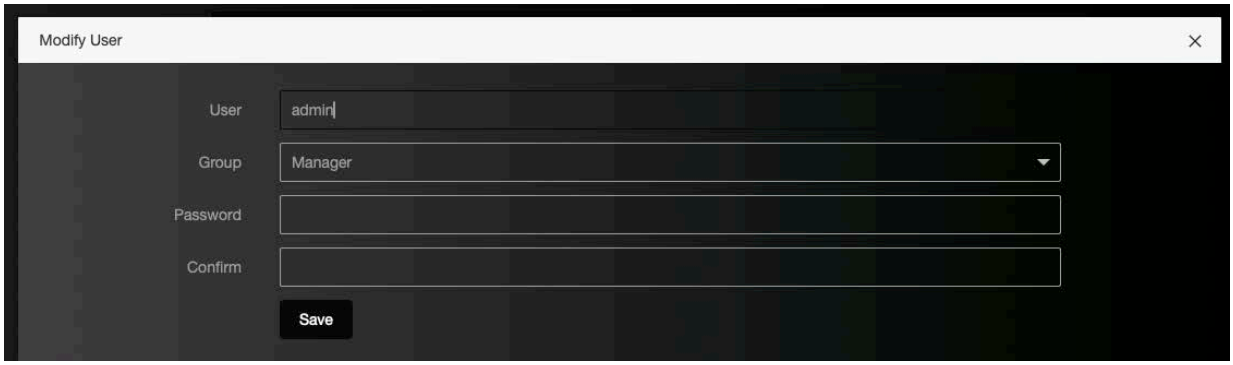
8.4.1 Add Users

Go to “Config” -->”System” -->”User Admin”. Click “Add User”, then type in user name and password to add a new user based on the information.



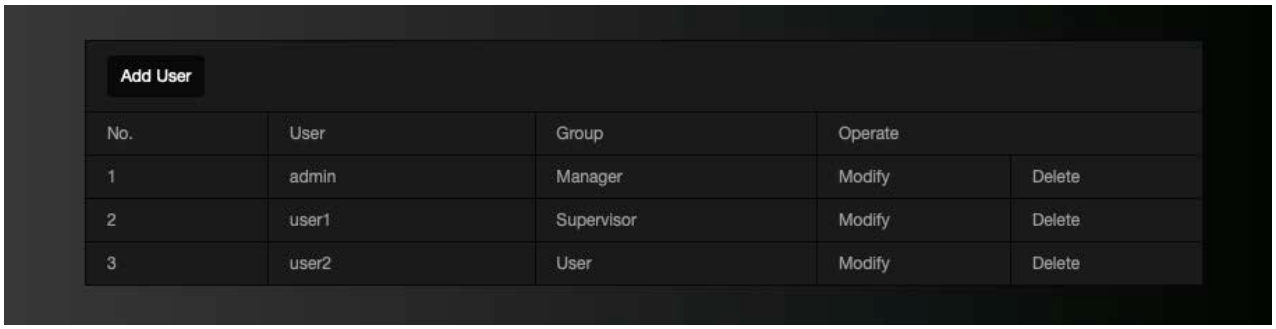
8.4.2 Modify the user information

Go to “Config” -->”System” -->”User Admin”. Click “Modify” of the corresponding user account, then click “Save” after modifying the user information.



8.4.3 Delete Users

Go to “Config” -->”System” -->”User Admin”. Click the “Delete” option of the corresponding user account.

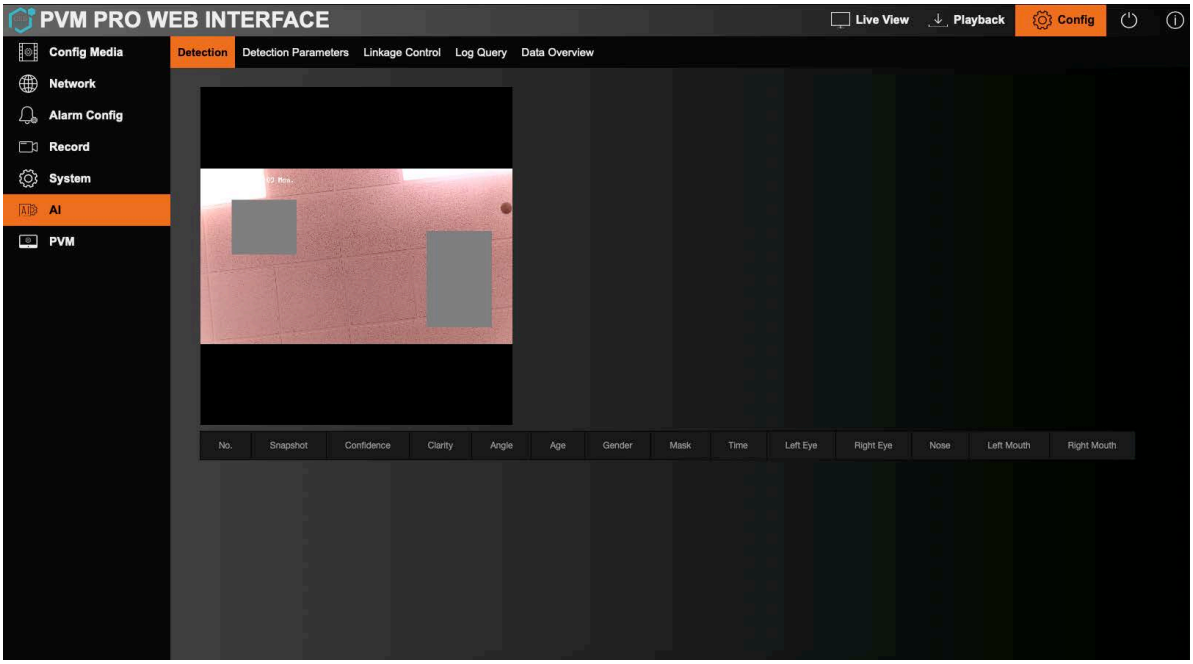


Chapter 9 Artifical Intelligence

Go to “Config” -->”AI”. You could set all the AI related functions like detection,detection parameters and the linkage control, log query, and data overview.

9.1 Target Detection Details

When a detectable target like a face, head or person appears on the screen, you can see the details about the target captured by the device on this page, such as the name and time of the captured picture. Among them, the captured pictures can be sent to the server through the API, and for your record , the device will not save these; the server address can be set in "9.3 Linkage Control Settings".



9.2 Detection Parameters Settings

Go to “Config” -->”AI” -->”Detection Parameters” page. The device intelligent detection algorithm supports three types of targets: face detection, human head detection

and human figure detection; each algorithm supports setting the parameters of maximum and minimum pixel size and confidence threshold respectively. After the targets detected, it can be linked with triggering alarm output (ALARM OUT port) and video output.

Face Detection,Head Detection,Person Detection--Three detection modes are optional, only one of them could be enabled at the same time.

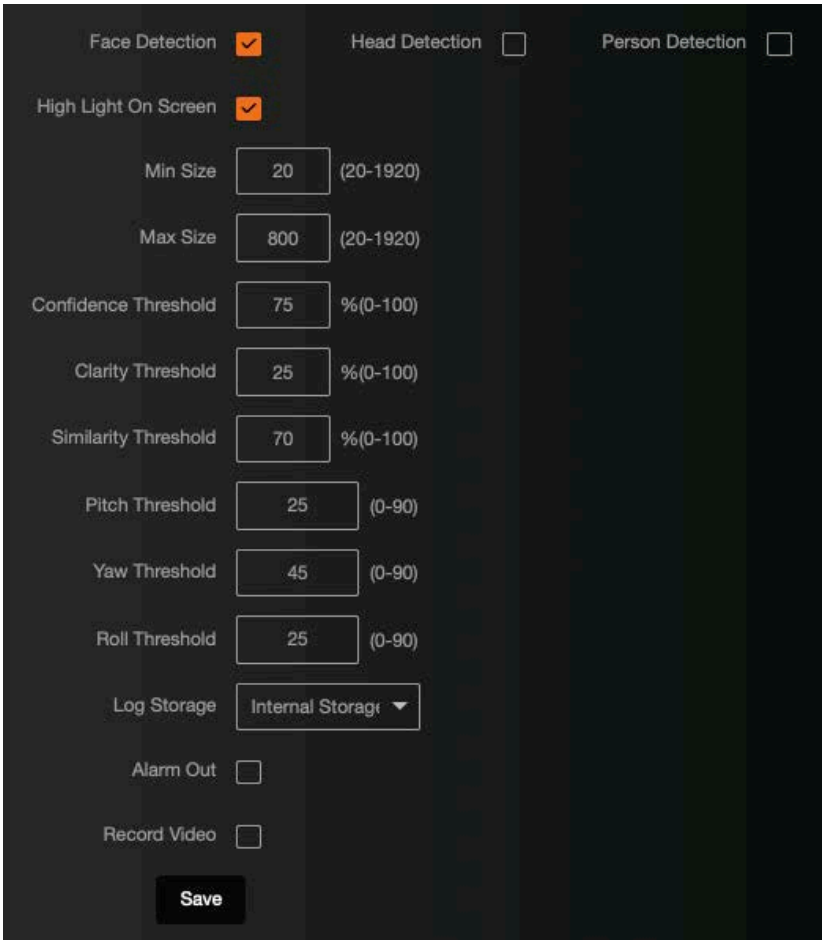
High Light On Screen-- After enabled, the detected targets will be marked bu a red frame on the LED screen.

Min Size,Max Size-- Set the smallest or largest detectable pixels of detected targets. When the value becomes larger, the farthest detectable distance for the targets will shorten accordingly.

Confidence Threshold-- When the confidence of the detected target is greater than or equal to this threshold, the target can be counted as detected.

Alarm Output-- After enabled, the detection of targets will triggers the alarm output (ALARM OUT port).

Record Video-- After enabled, the video will be recorded once the target is detected.

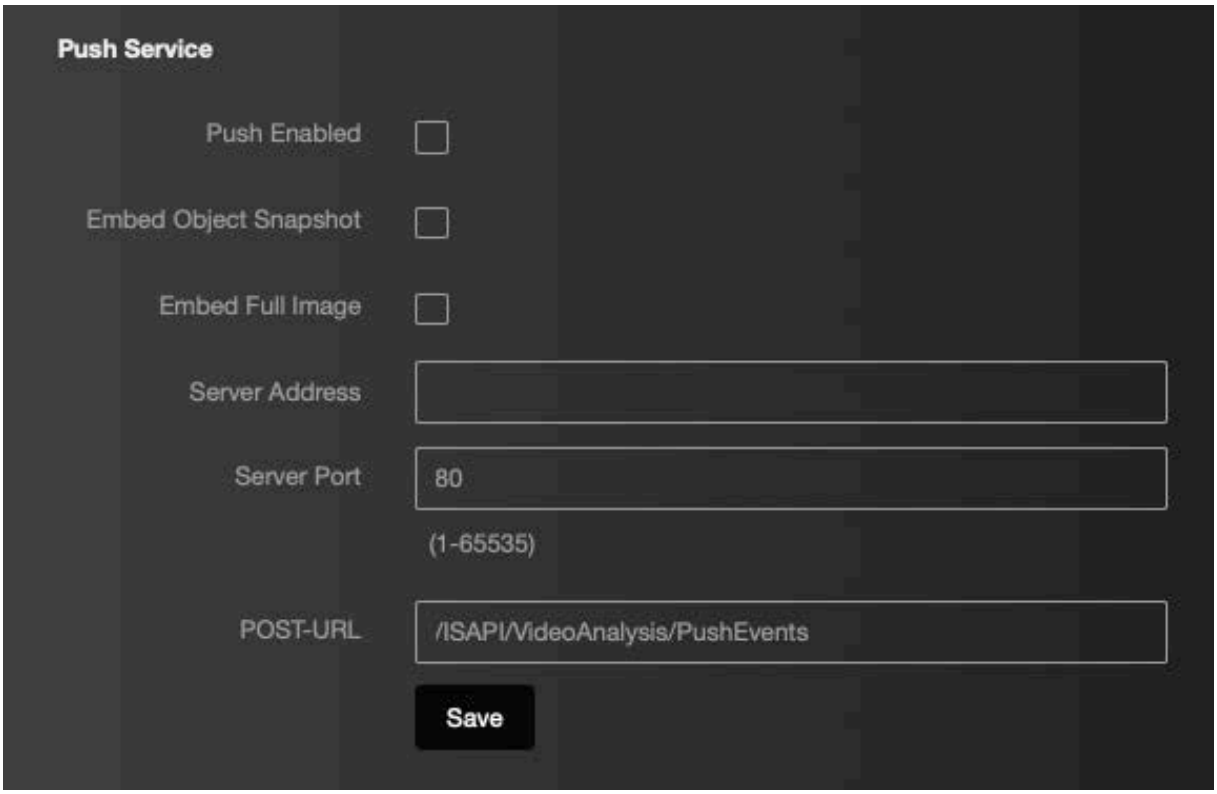


9.3 Linkage Control Settings

Go to “Config” -->”AI” -->”Linkage Control” page. The terminal will send the snapshots of detected targets to the server set here.

Push Enable-- Enable the function of pushing snapshots to server.

Embed Full image-- After enabled, the complete picture with the detected target will be pushed; otherwise, only the detected targets in the picture will be pushed.



Chapter 10 PVM Function Settings

Go to "Config" --> "PVM" page, you can set the brand picture, advertisement, deterrence message, welcome voice and screen related parameters of the terminal screen.

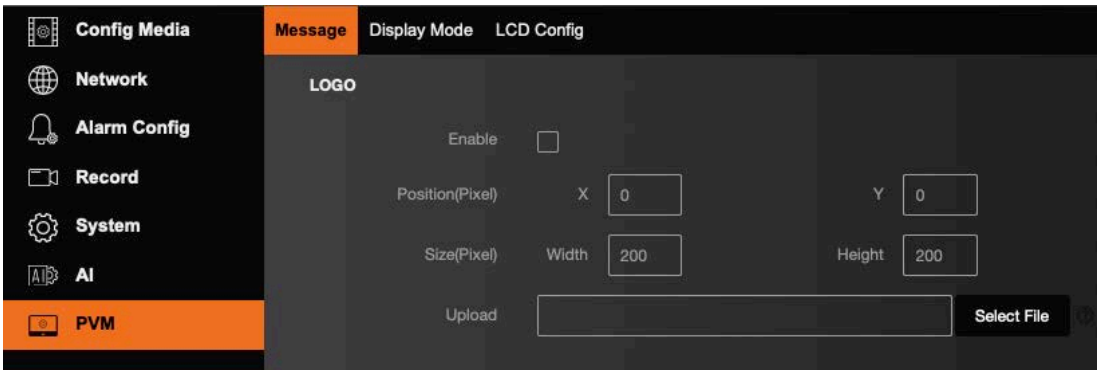
10.1 Brand Image Settings

Go to "Config" --> "PVM" --> "Message" page, you can set the logo, deterrence message and welcome voice of the terminal display.

Note

- Logos and deterrence message only support png format;
- The picture should be within 1MB;
- The resolution of picture is 1920*1920.

10.1.1 Logo



Enable-- Once enabled, the logo image will be displayed on the terminal screen.

PosX-- Adjust the horizontal position of the logo, and the default is 0.

PosY-- Adjust the vertical position of the logo, and the default is 0.

Width-- Set the width of the Logo image.

Height-- Set the height of the Logo image.

Select File-- Browse the image file that needs to be uploaded in the computer.

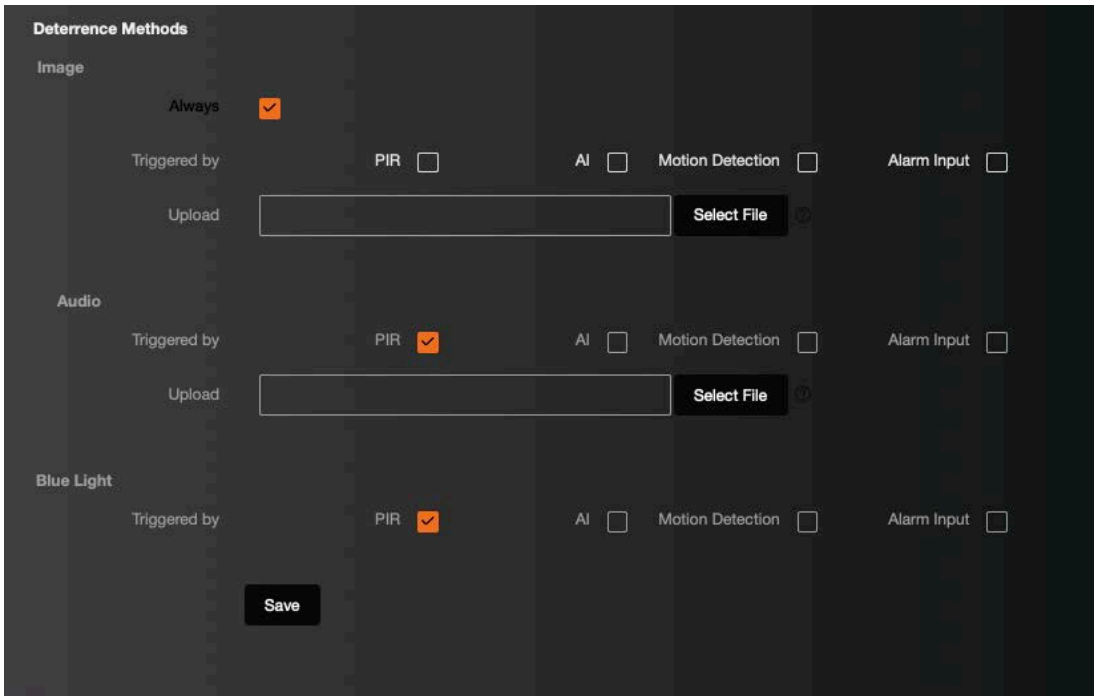
10.1.2 Deterrence Message and Audio Settings

PIR-- After enabled, the PIR signal can trigger the deterrence message pop-up and welcome voice.

Face detection-- After enabled, the device can trigger the deterrence message pop-up and welcome voice after detecting a face.

Motion detection-- After enabled, the motion detection signal can trigger the deterrence message pop-up and welcome voice.

Alarm input-- After enabled, the alarm input signal can trigger the deterrence message pop-up and welcome voice.



Note

- The format of the audio is WAV;
- The file size is limited within 1MB;
- Uncompressed PCM level, the sampling rate is 16000, and the sampling format is 16bit.

10.2 Advertisement Settings

Go to "Config" --> "PVM" --> "Display Mode" page, you can set the advertisement on the PVM. In this page, you can choose different working modes of the device.

Enable-- Enable the advertisement play function; if it is disabled, the PVM will display the

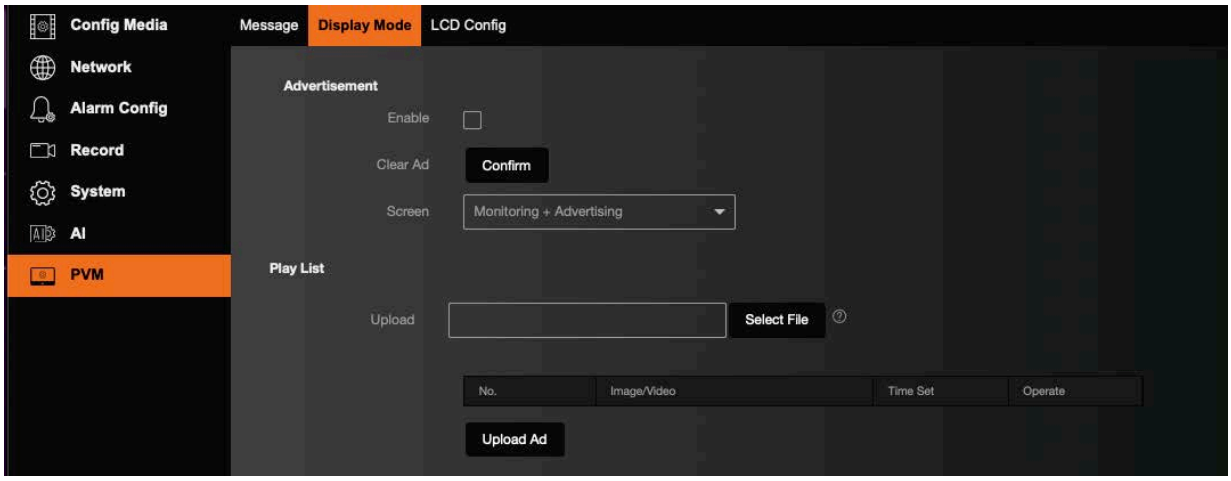
surveillance image on screen.

Clear Ad-- After clicking "Confirm", all advertisements in the terminal will be removed.

Screen-- Advertising banner mode and full-screen advertising mode are optional .

Switching-- It is configurable to switch the advertising mode to the surveillance monitoring image mode, including "no switching" mode and switching modes which could be trigger by the signals of "face", "motion detection" and "PIR". Once enabled “None”, only advertisements will be displayed.

Play List-- Displays a list of currently uploaded ad files. Among them, the play duration of the image advertisement can be set here, and the default period is 5 seconds.



Note

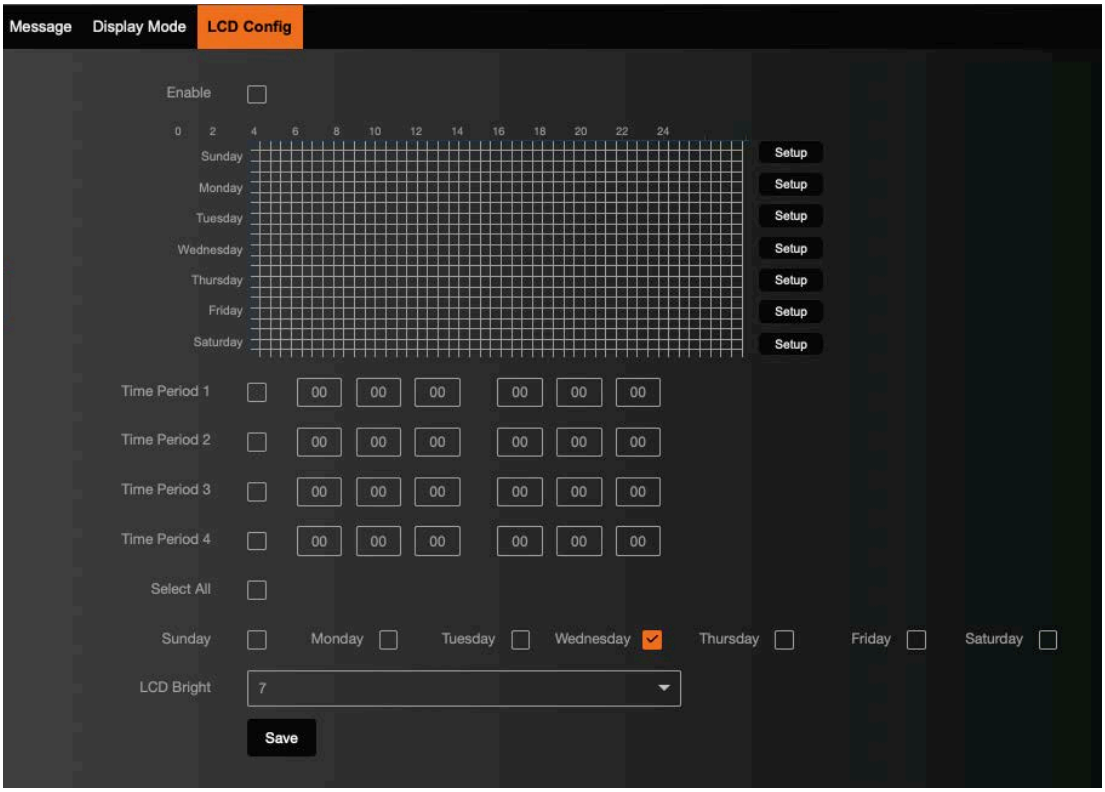
- The PVM can only work in one of the half-screen advertising mode or full-screen advertising mode. If you need to switch the advertising mode, you need to re-upload the advertising file of the corresponding mode;
- Uploading a new advertisement file will lead to the existing advertisement files removed ;
- Please upload advertisement files with a resolution similar to the resolution of the advertisement area displayed on the PVM screen of the corresponding advertisement mode, otherwise the videos or pictures will be stretched or compressed;
- PVM supports advertisement files in JPG, PNG, BMP, GIF, MP4, MKV, MOV formats;

10.3 LCD Settings

Go to "Config" --> "PVM" --> "LCD Config" page, you can set the brightness of the PVM screen and sleep time schedule. You can set four sleep time periods.

Sleep Enable-- Enable LCD screen sleep mode.

LCD Bright-- There are 10 brightness levels from 0 to 9, and the default level is 5.



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