AIRLINKVMS
User Manual

V2.4.1.7720

1, Instruction

1.1Instruction

AIRLINKVMS provides preview/playback/video services for small and medium network of IP camera Manager. This manual may contain technically incompletes, and its contents will be regularly updated without notice; the updated contents will be added in the new version of the user manual. We will improve or update the products described in this manual at any time. The features support P2P device addition and management simplify for CMS system, convenient to operate, centralized manage user, error management, system maintenance and TOP navigation. Provide streaming media distribution function, streaming media storage and playback, monitor playback connection status, and provide relevant status notification Operation System environment OS：Microsoft Windows XP sp1 or above CPU：Intel Pentium IV 2.4 GHz
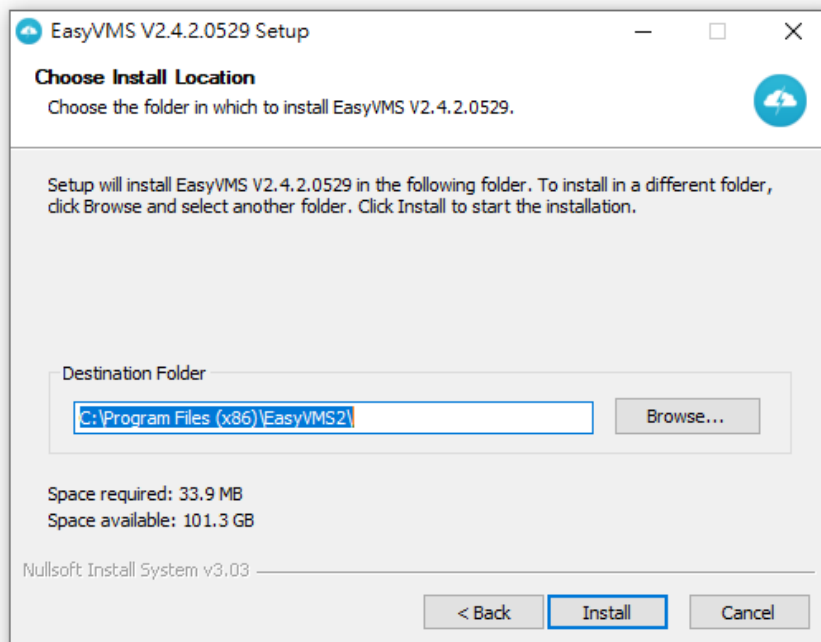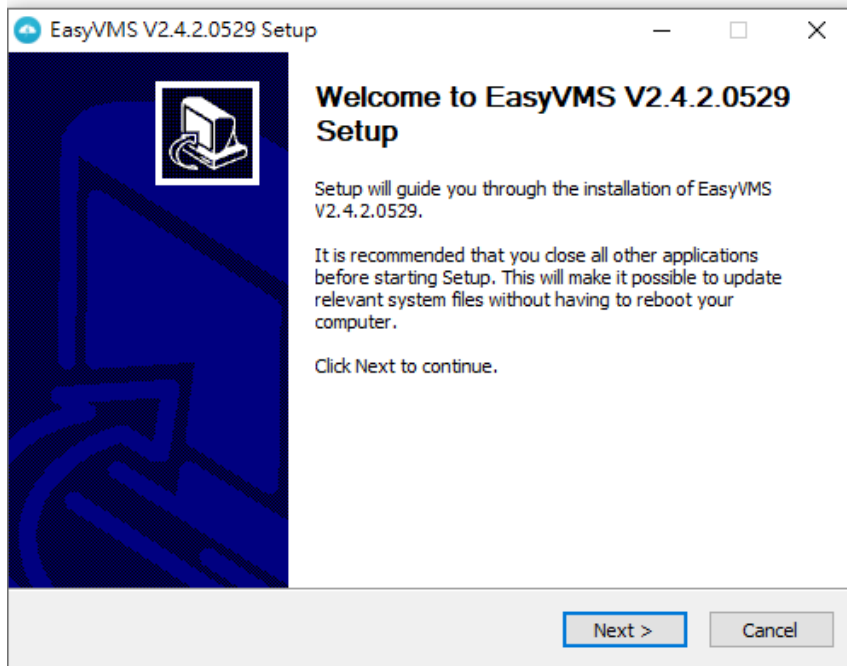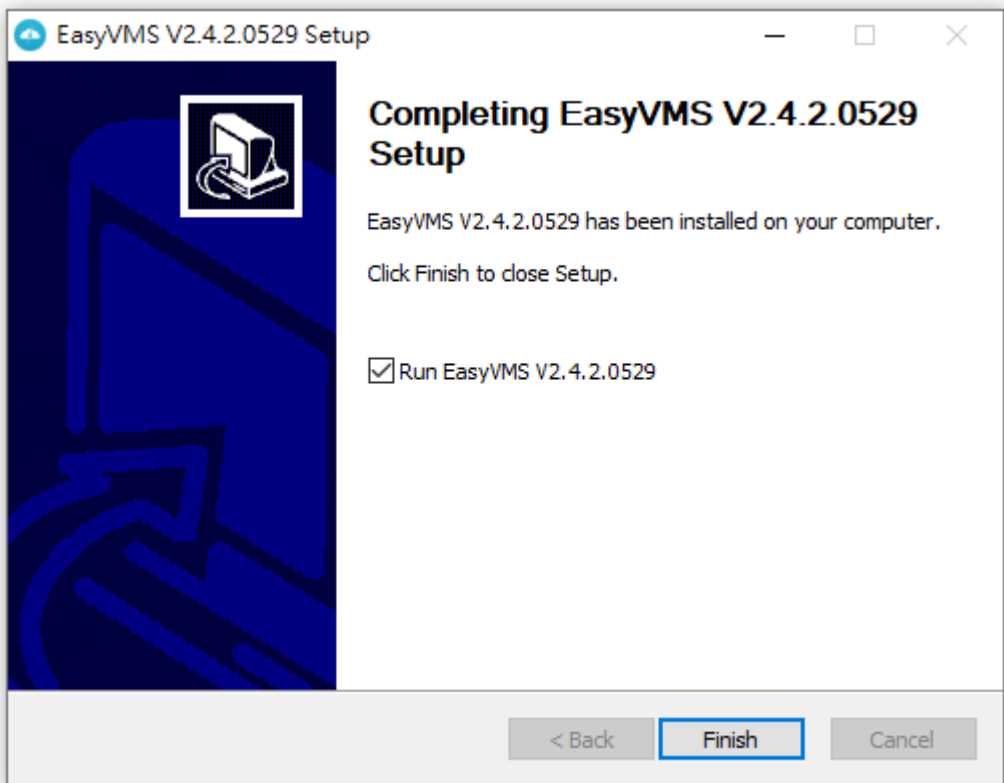
or above Memory：1G memory or above

2, Installation and Operation Installation

2.1.EASYVMS installation

Search the file in the software directory [EasyVMS], Running the software, it will step for Installation.

After finished the installation, press the program of ICON then you can run the program to login the system.

Username is admin, Password is empty

2.2. Interface for introduce

Running the CMS software, you can see the picture。

there have Live, Remote, Playback, Album, Device Manage, System Log, Alarm Information, Set main functions, press the button, it will change to Sub functions. for the left area is device navigation, for the right area is video screen, for the upper right corner, it is help, logout, minimize, maximize, close buttons.

2.3 Device Manage Click the device manage button to enter the device manage page, there have add, modify, delete operations for area and device.
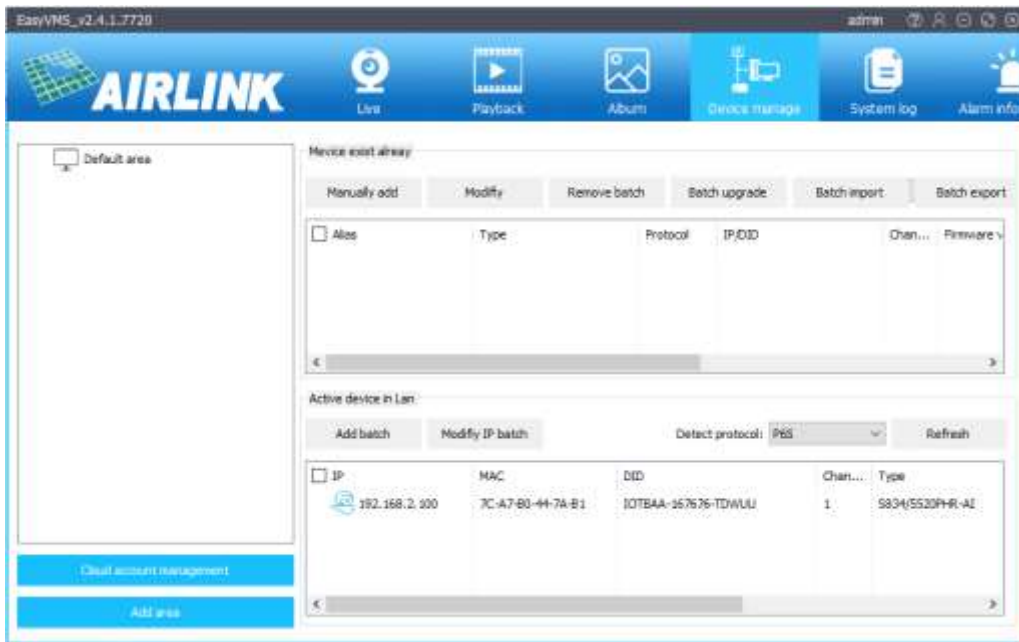
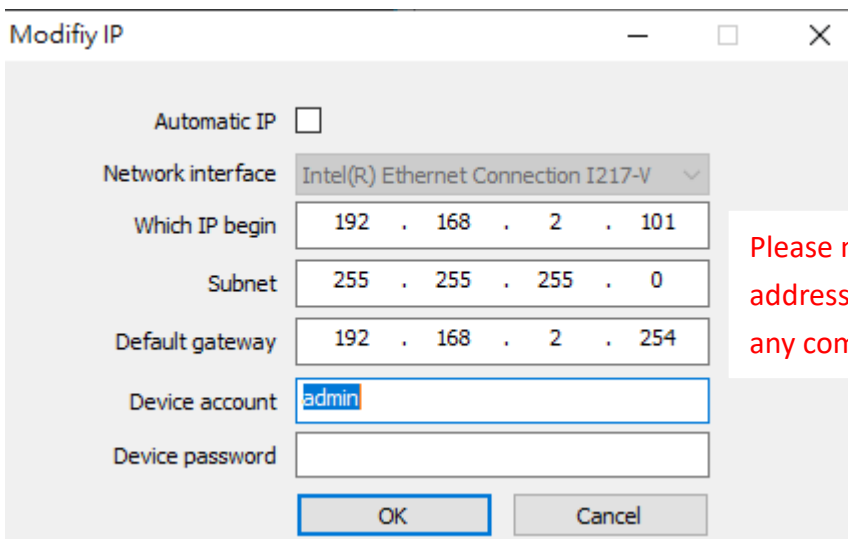2.3.1 Area Configuration Manage device in area, Add area

Also can press right key for custom new area.
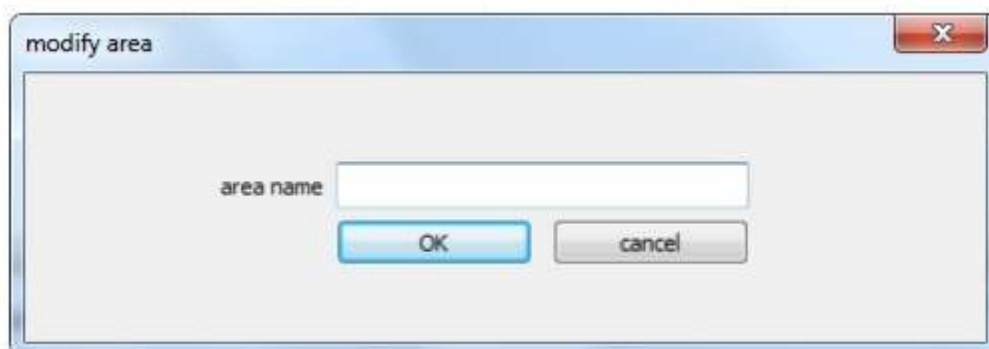
2.3.2 Device Add, Modify, Delete Click the Refresh button for search device.

Click the camera IP address and show "modify IP" dialog box for change the new IP address of camera.

Please make sure that the newly set IP address does not conflict with the IP of any computer or devices.

If you want easy, you can choose "Reference PC IP", it will default the IP address for your camera. You also can manually fill the IP address on it, but username: admin, password: empty (no password) After press "OK" button, save address and refresh IP.
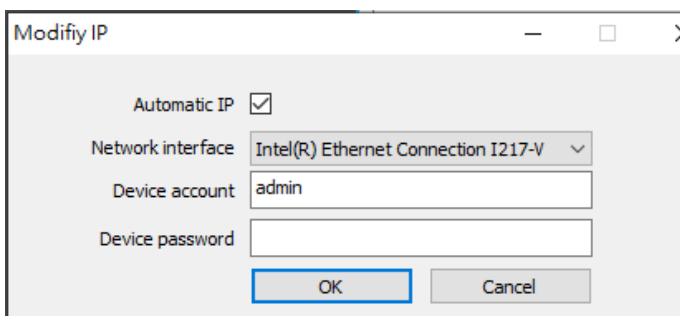
Press Live function, you see the preview the interface

Double click the left camera IP address, you can see the video on the right screen. If you want add more device, you can choose Device"> Default area(right key) Choose "Auto Open"/"Open by Area" Open all channels
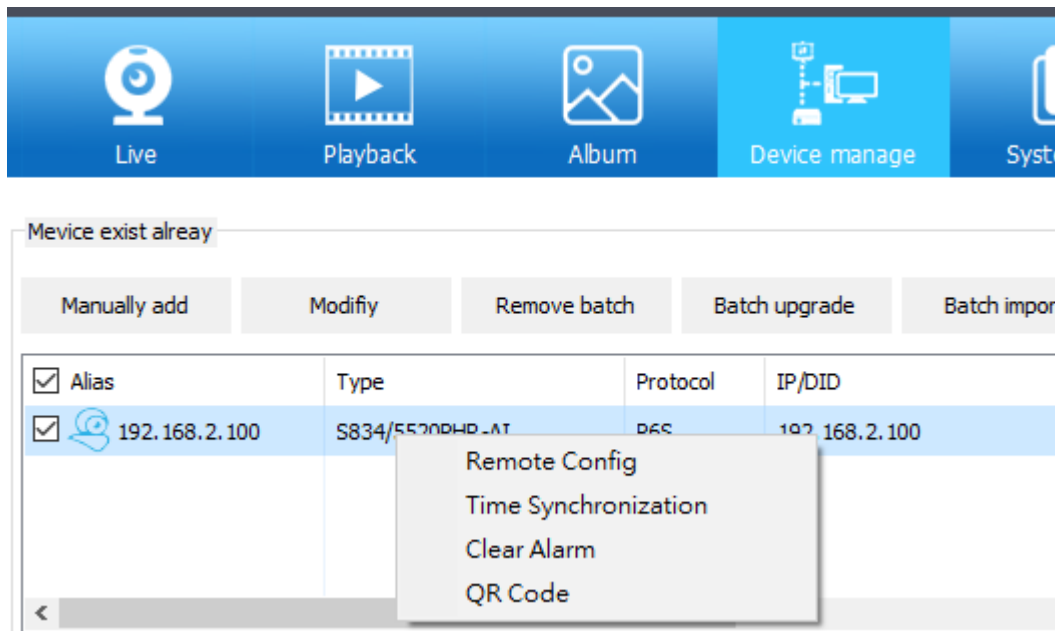

Delete Device：

2.3.4 Device Control

Device control have function include: Time synchronization, device restart, clean alarm Etc Time synchronization: Device manage> added device, Choose the device, Press Time synchronization button, then the device and the pc will same time.


You also can choose "Remote config" and "Clear Alarm" at the same time

2.3.1,System Configuration Press "Settings" Login System Configuration
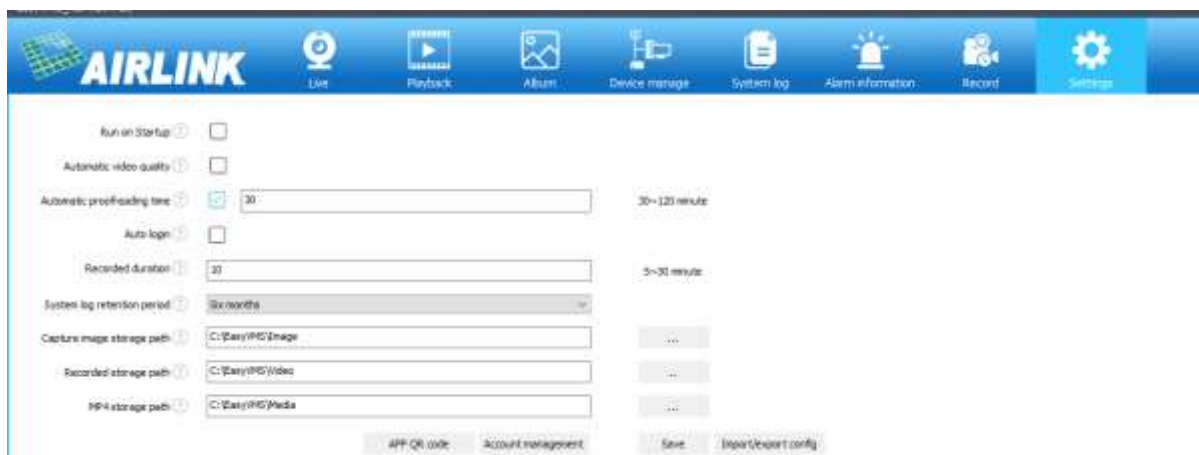
1,Support setting auto start running CMS AIRLINKVMS，Choose【auto startup】button and save. Then it will auto running in next restart computer. 2，Support Setting auto Proofreading interval time, Choose【automatic sync time to device】button， input the time (like: 120), and save it, then it will proofreading interval time after 2hours 3, Support Setting duration of local recording, Choose the dialog box of the duration and input the number(like 30), then it will recording half hours one file. 4，you can setting save time of the log file. 5，Setting the Snapshot and recording save path, Press choose the path，like （C:\ EASYVMS \Image/ C:\ EASYVMS \Video）. After save, the snapshot path is C:\

EASYVMS \Image， Recording path is C:\ EASYVMS \Video. Account Management: Login to system setting, you can manage local account for operation, include Create Administrator, Create Guest, Change password, Delete device and more. Press【account management】 button, Press【Create】，input new user name, password, and user group.
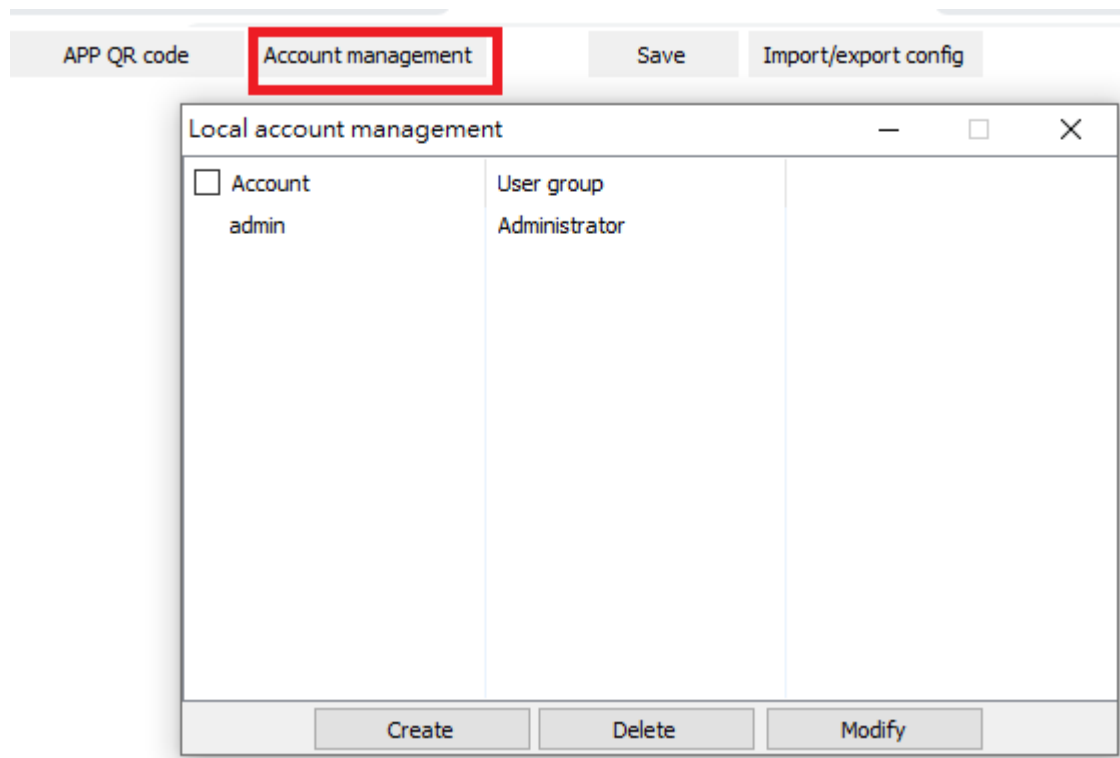
After save the operation, the group will see a user1 in the list
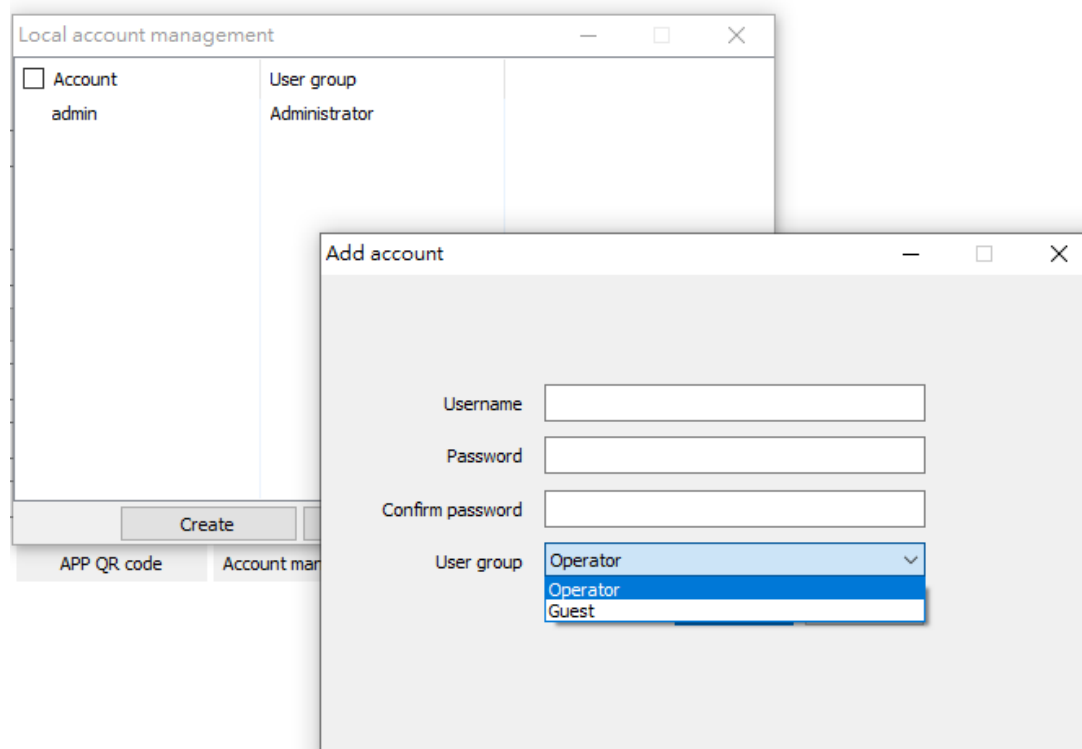
Press 【Account Management】button，choose operation user name is user1, Press

【Delete】, then the create user account will delete. The authority have three level for user: Administrator：Administrator authority can arrange device and user, live, playback, search log, change password, switching user, exit CMS. Operator：Live video, playback recording, search Log, switching user, change password. Guest user：Live video, switch user, change password.

2.5, Live Preview

2.5.1. Preview Control There have some function button on the preview,

Icon　　　　is close all channels live viewing.

Icon　　　　is screenshot, save capture picture to local storage.

Icon　　　　is full channels recording.
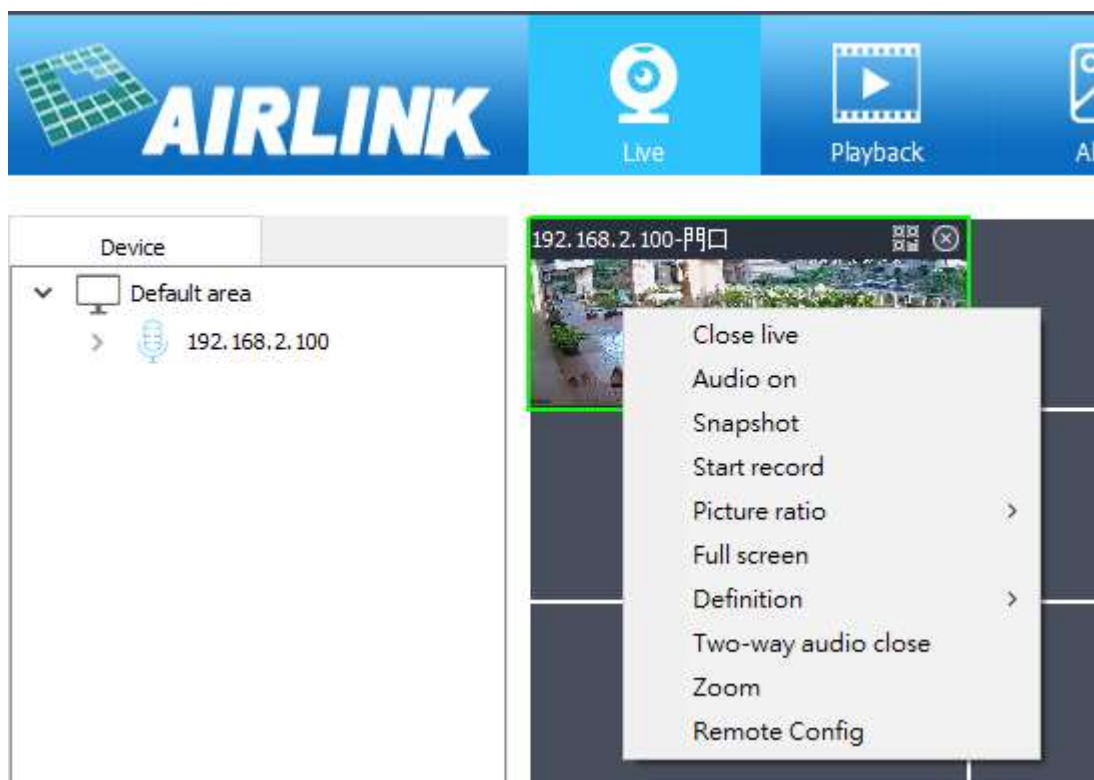
Icon　　　　is on audio.

Icon　　　　is mute.

Icon　　　　is setting multiple video on screen, single, 4/9/16/25/36 channels.

Icon　　　　is next screen.

Icon　　　　is full videos screen press ESC exit it.

2.5.2. Channel right key control menu For the preview, choose a channel for right key, it show the menu.

Press【close live】Button，close the channel preview。

Press【Mute】Button，close   the channel audio.

Press【snapshot】Button, snapshot picture of the channel save to local.

Press【start record】Button, recording video of the channel save to local.

Press【picture ratio】Button, setting preview video size.

Press【full screen】Button, make the preview video of the channel to full screen.

Press【definition】Button, setting the channel video quality (main stream/ sub stream, only use for p2p)

Press【Two-way audio close】Button，close all the audio voice.
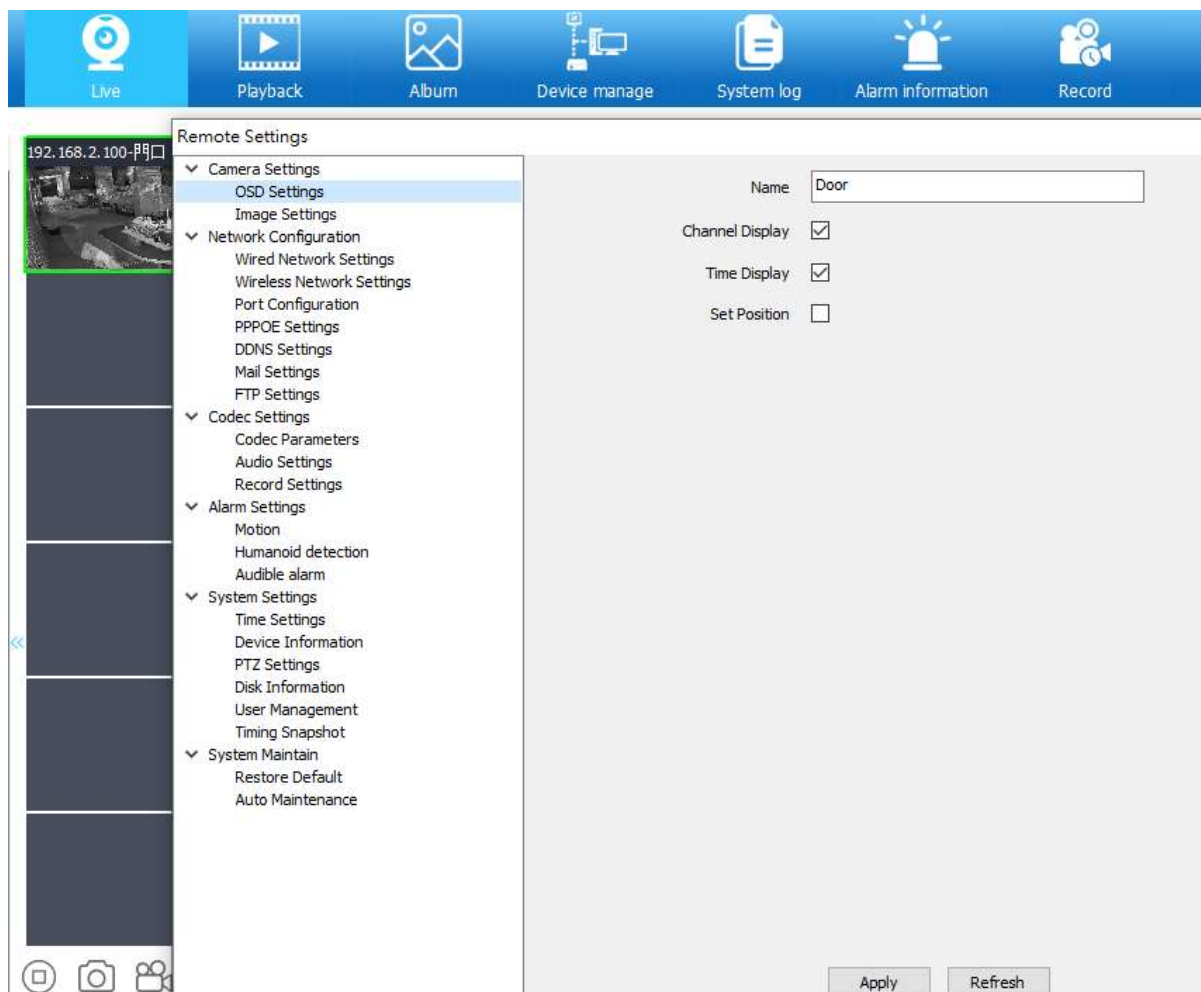
Press【zoom】Button，digital zoom for this channel.

Press【Remote config】,Configure remote camera parameters.

2.5.3, Remote Config

2.5.3.1, Camera settings

A, Channel Name, edit the channel name and Channel Display, Time display, Set Position

B, Setting parameter of camera video. Smart Night: Normal Mode. IR-CUT mode: auto (Passive mode), Day/Night, Auto (Active mode) IR-CUT Sensitivity: 0-50(The higher the number, the higher the sensitivity.) Image Mirror: close, Flip horizontal ,FlipVertical, Flip Center
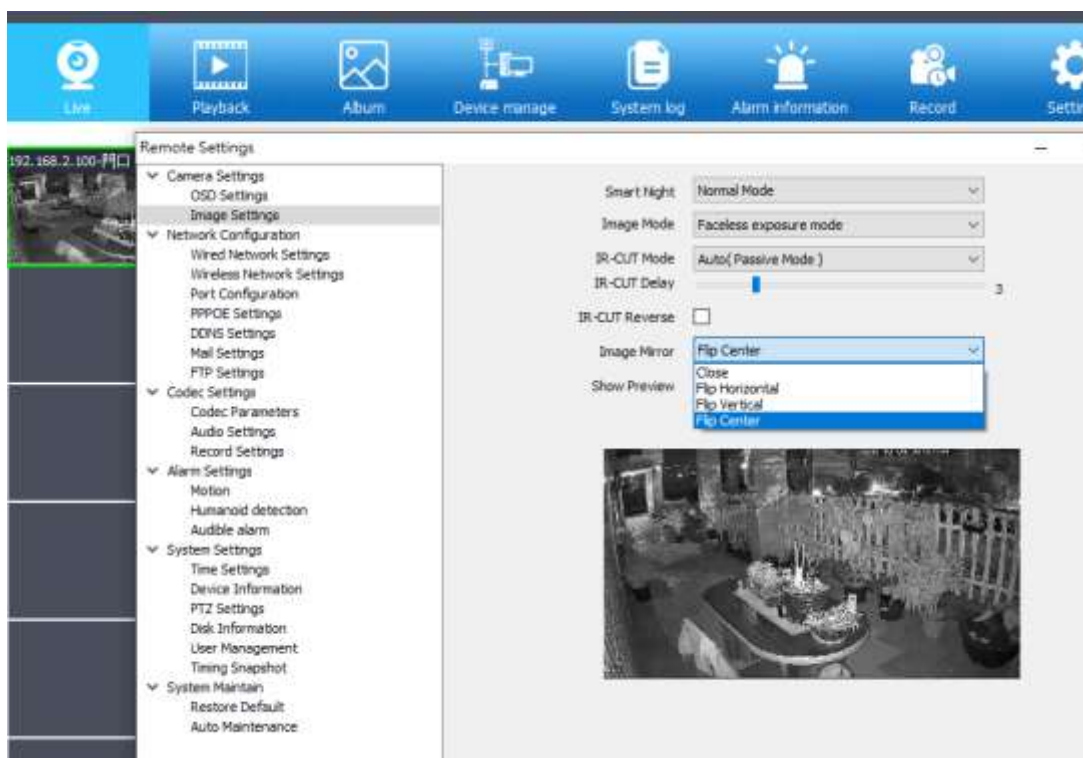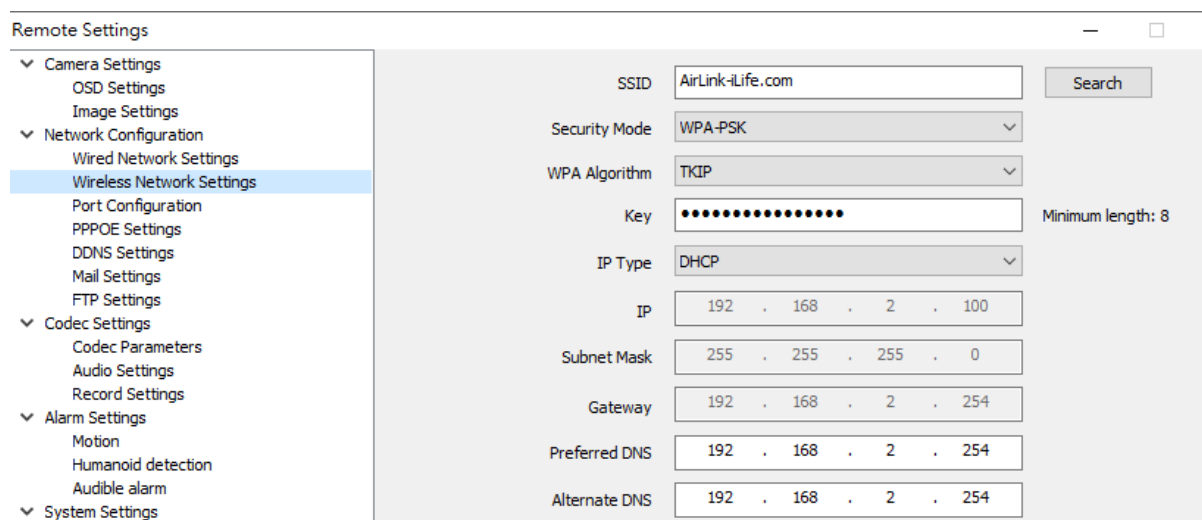
2.5.3.2, Network configuration

A, Wired Network Settings: You can choose the IP address type, manually and DHCP mode, and Modify the IP address parameters.
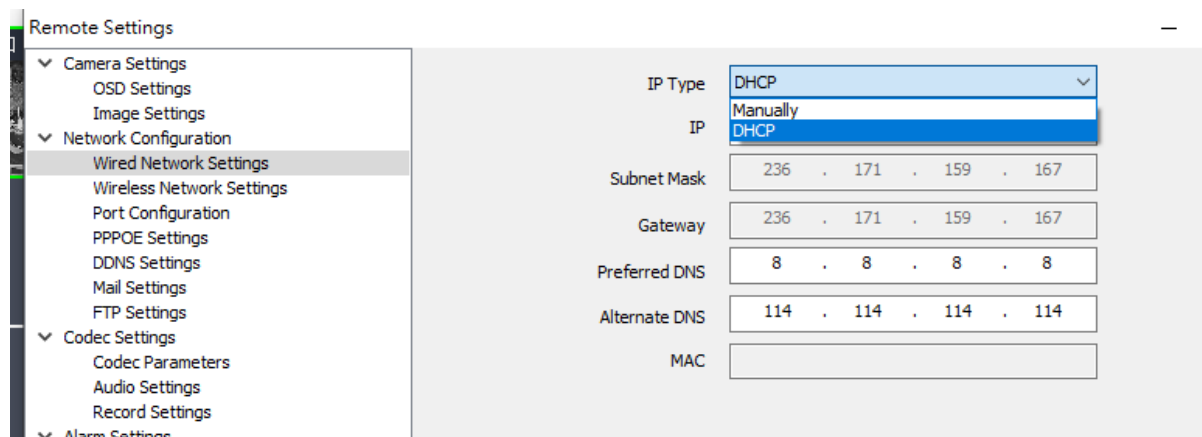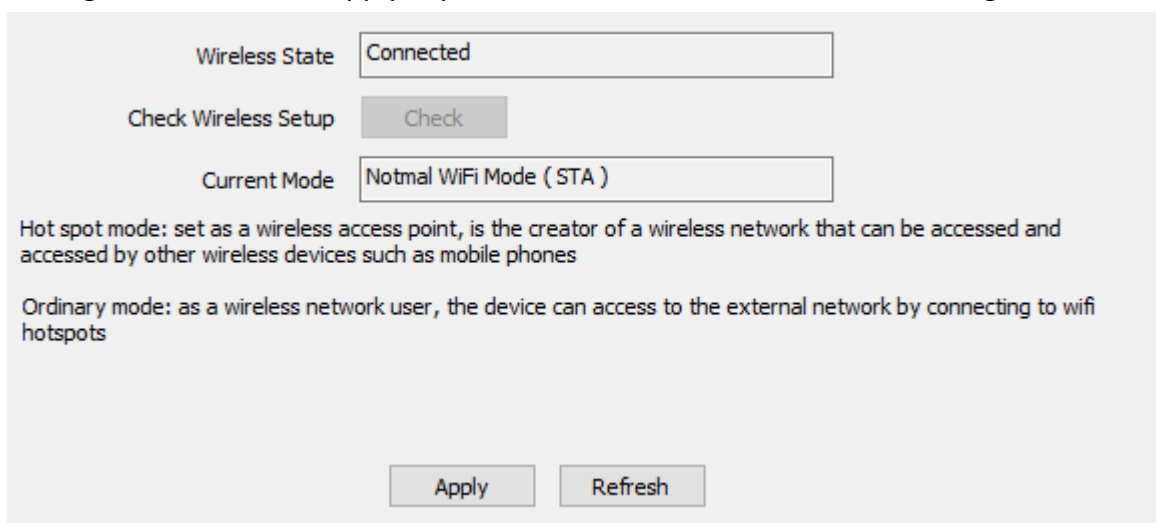

B, Wireless Network Settings: If you use the camera at first time, and your camera connect to your router through Ethernet cable, please Click "Search" for add your WIFI setting
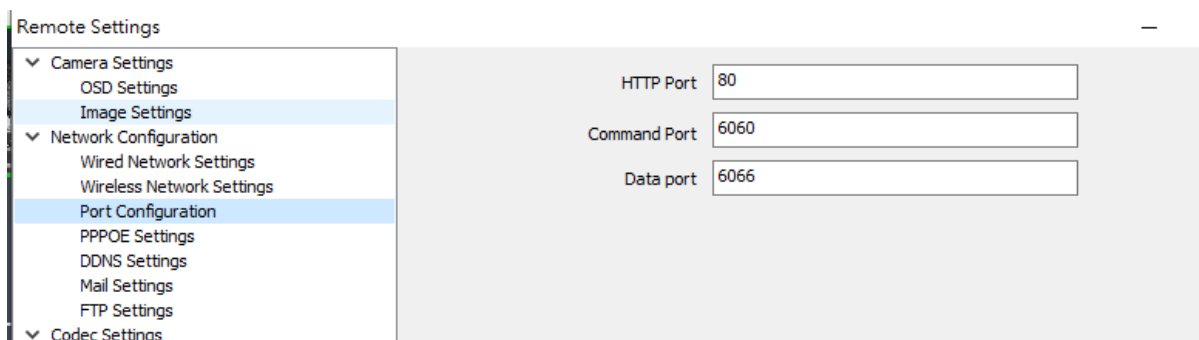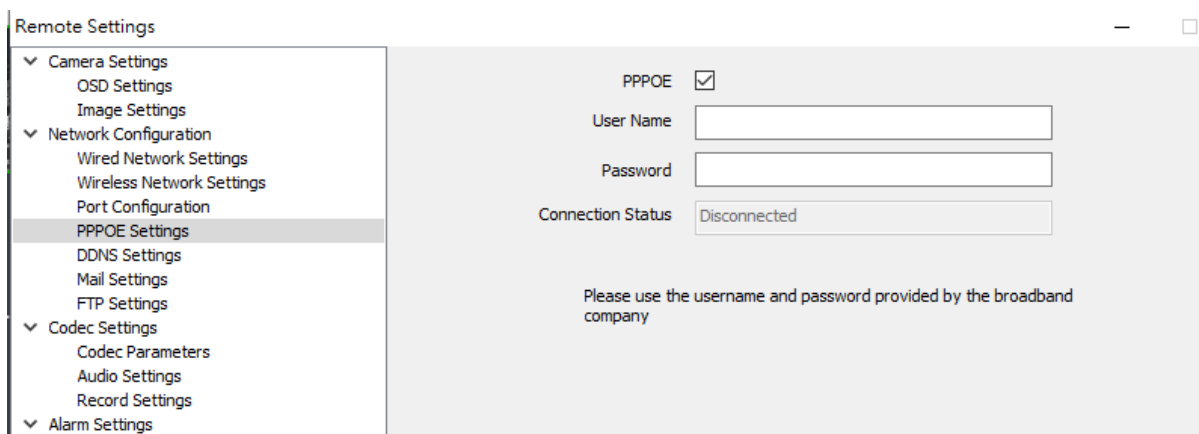
Setting WIFI successful, "apply" , you can remove wired Ethernet cable using in wireless.
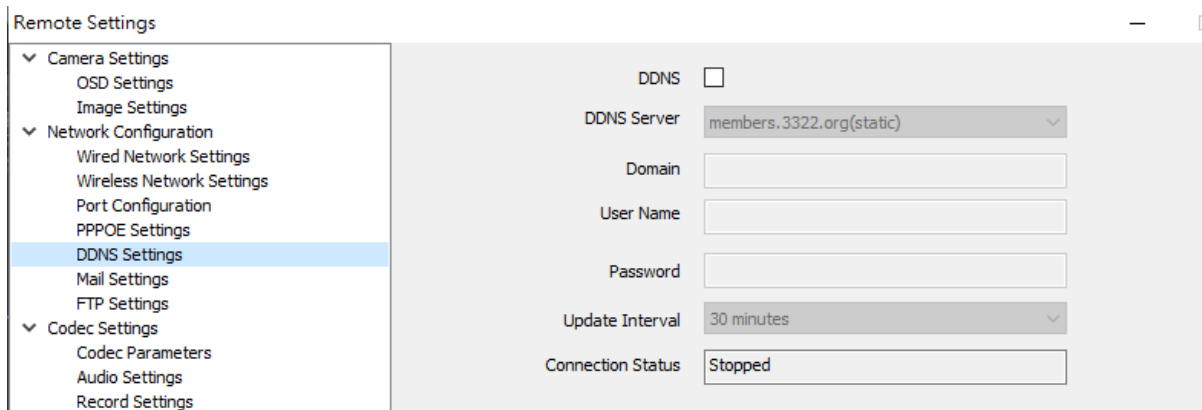

C, Port Setting, HTTP/ After the signaling/data port is modified in the corresponding access software, it is necessary to manually add the modified port number, otherwise it cannot be accessed effectively (nonprofessionals do not recommend modifying it to avoid adding devices)
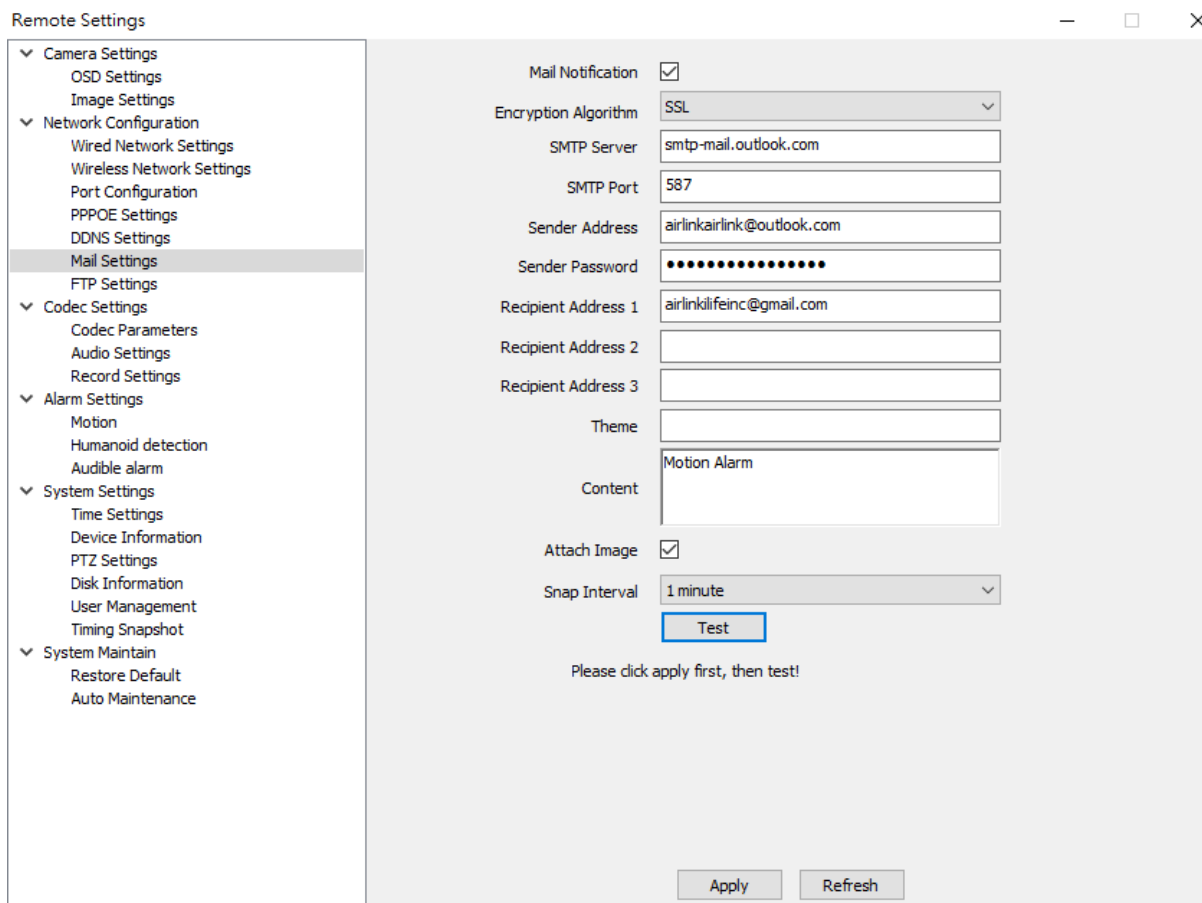

D，PPPOE Settings：Enable and configure, if need in this function for your network configuration.

E，DDNS Settings：Enable and configure, if need in this function for your network configuration.

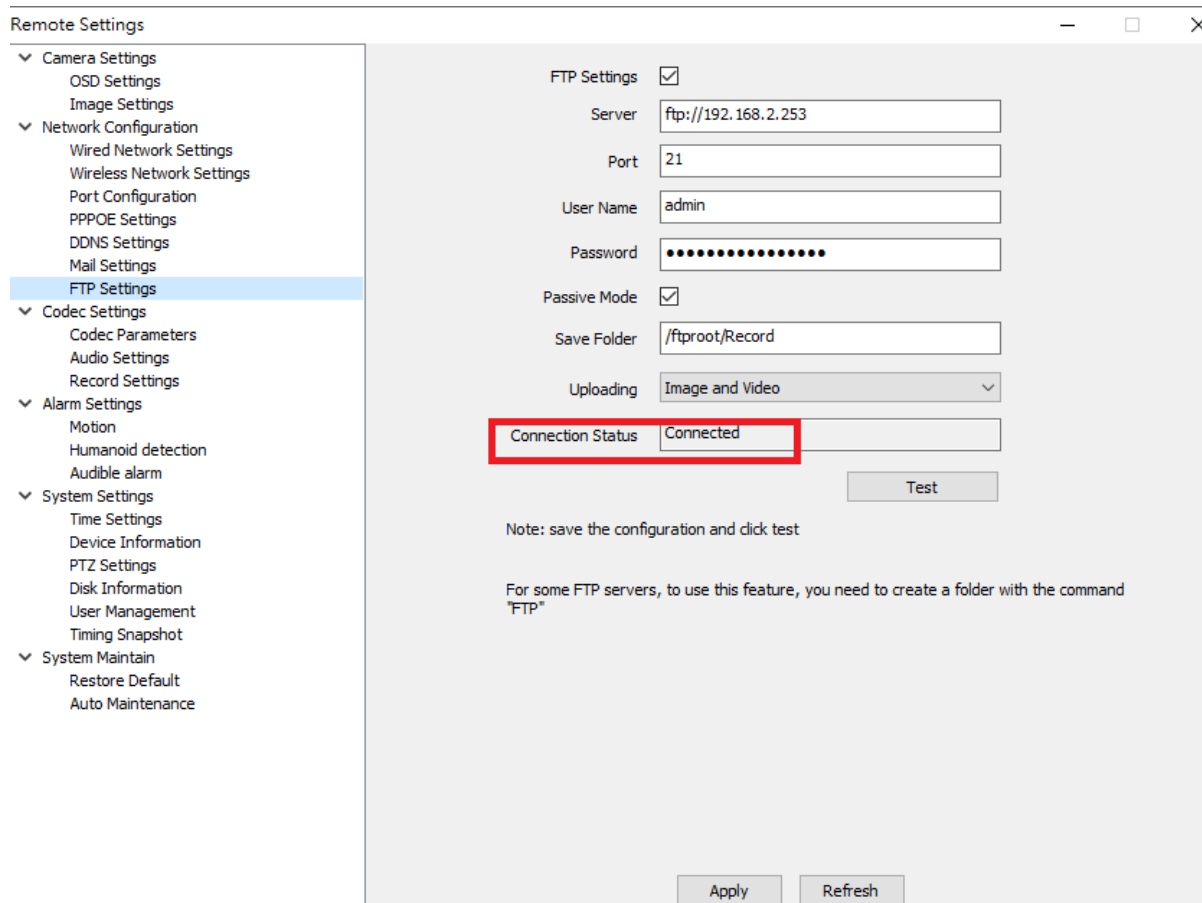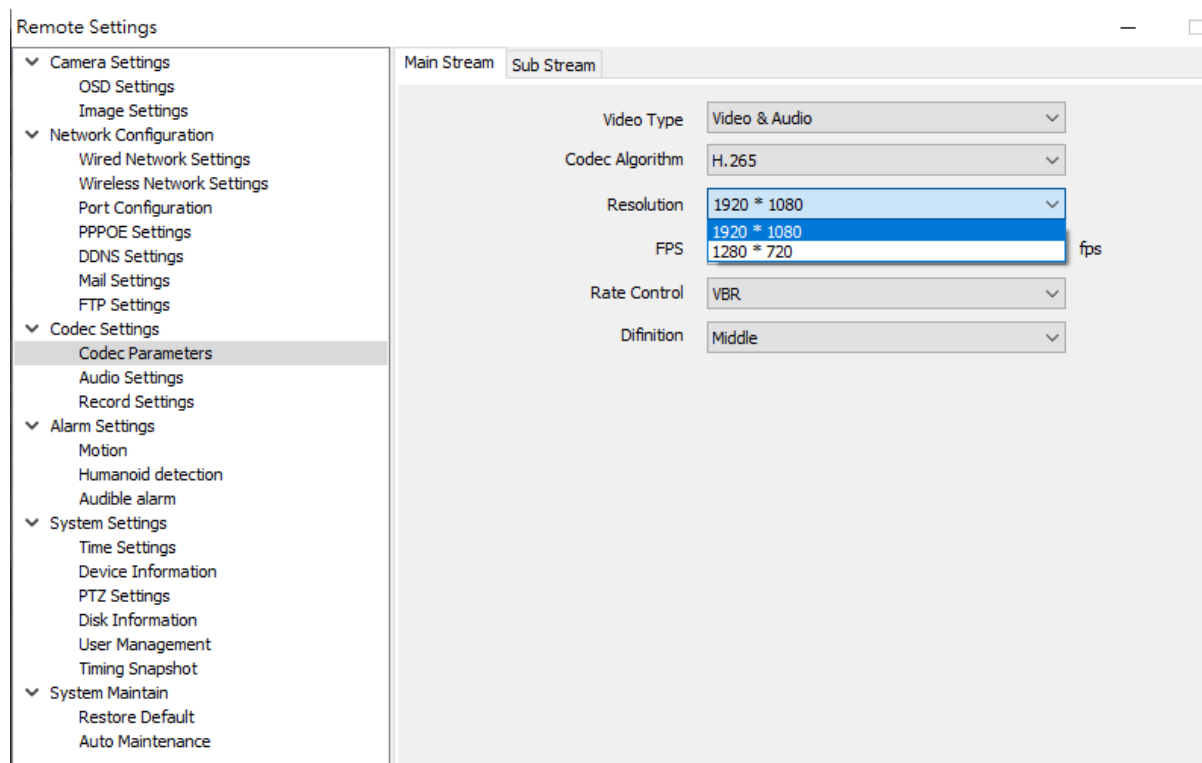F，Email Settings：Enable and configure. Please click apply first then test.

G,FTP Setting：

2.5.3.3, Codec Settings:

A, Codec Parameters: Modify the format of the video screen and the appropriate parameters, has reached the optimal effect
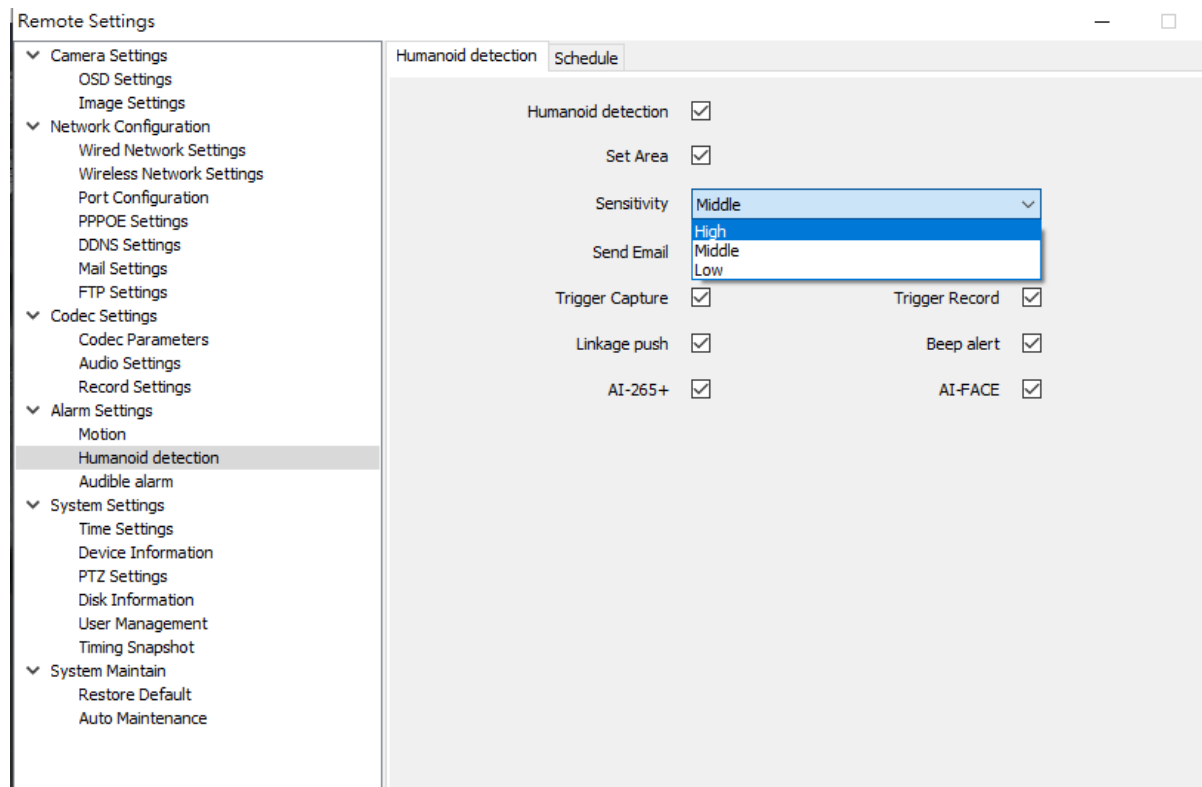
B, Audio Settings: The input volume refers to the size of the camera's microphone recording. The greater the value, the louder the playback sound of the monitoring device; the output volume refers to the sound played by the camera speaker. The greater the value, the louder the camera will play.

C，Record Settings;

1. The main stream (HD) and sub-stream (clear) are optional for recording. HD recording is the highest resolution recording of the device. At this time, the SD card's recording file and the used memory capacity will become larger. Clear is the default option.

2. The recording mode will be different colors. The timing record is blue. It can be understood as the set time period recording (default is all day timer recording); the alarm recording is red (display at APP), indicating alarms have detected the signal. After the start of recording (this function is dependent on the product); moving recording is yellow, it means that when the object is detected to start recording, you need to enable motion detection in advance; disable the recording to be black, indicating that the current time is not recorded.

2.5.3.4, Alarm Setting

A, Motion detection; refers to open or close the motion detection also can be Set Area with your prefer, motion detection alarm trigger method (take a picture when the alarm, by email to the specified mailbox, you must first set up a good mailbox); trigger FTP (Capture a picture during the alarm, send the picture to the FTP terminal via the FTP server; push the button (refer to whether to receive the camera alarm reminder, the home page subscription function needs to enable the linkage push); trigger capture (in the detected When the signal is moved, a picture will be snapped. The captured picture can be viewed on the message function of the home page; triggering the recording (the video will be recorded in different colors after the movement signal is detected); selecting the area (referring to the selected area on the screen The mobile signal will alarm, the selected area is based on the green box.)

B, Humanoid detection; If your cameras support the AI human detection function, please enabled, the sensitivity can be setup at High, Middle and Low.

C, Audible alarm; If your camera embedded speaker, the audition will be played on the camera, you can adjust the volume range
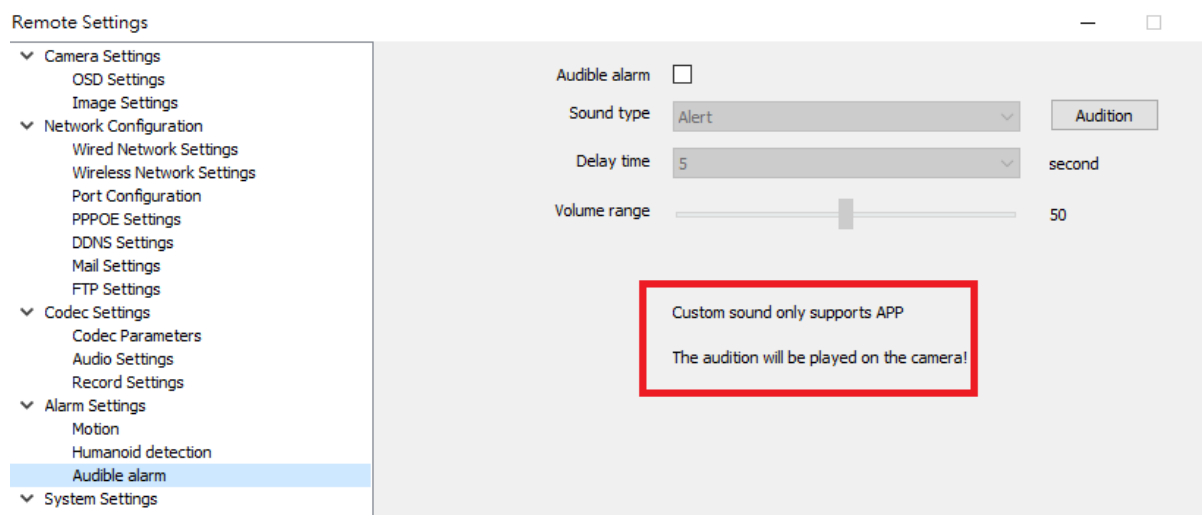
2.5.3.5 System Settings:

A, Time settings: According your local time setup the camera time.

Remote Settings   —

Date/Time	Daylight Saving Time

Camera Settings
  OSD Settings
  Image Settings
Network Configuration
  Wired Network Settings
  Wireless Network Settings
  Port Configuration
  PPPOE Settings
  DDNS Settings
  Mail Settings
  FTP Settings
Codec Settings
  Codec Parameters
  Audio Settings
  Record Settings
Alarm Settings
  Motion
  Humanoid detection
  Audible alarm
System Settings
  Time Settings
  Device Information
  PTZ Settings
  Disk Information

Date Format   YYYY-MM-DD hh:mm:ss

Time Format   24-Hour Time

Device Date Time   2020-10-09 23:44:47   Sync PC Time

Synchronize Network Time   ☑

Time Zone   (GMT +08:00) Beijing, Singapore, Taipei

Sync Interval   1   Hour

Server Address   pool.ntp.org

B, Device Information: display the device model no., network connect type, software version and voice call identified.

Remote Settings   —

Camera Settings
  OSD Settings
  Image Settings
Network Configuration
  Wired Network Settings
  Wireless Network Settings
  Port Configuration
  PPPOE Settings
  DDNS Settings
  Mail Settings
  FTP Settings
Codec Settings
  Codec Parameters
  Audio Settings
  Record Settings
Alarm Settings
  Motion
  Humanoid detection
  Audible alarm
System Settings
  Time Settings
  Device Information

Device Name   IPC

Device Model   S834/5520PHR-AI

Serial Number   I207F137A5E79E4B8642BCF

Software Version   1.0.2-20190930Z1S

Alarm Input   0

Alarm Output   0

Voice Call   Support

C，PTZ Settings: PTZ control enable select correct protocol match with your keyboard controller.
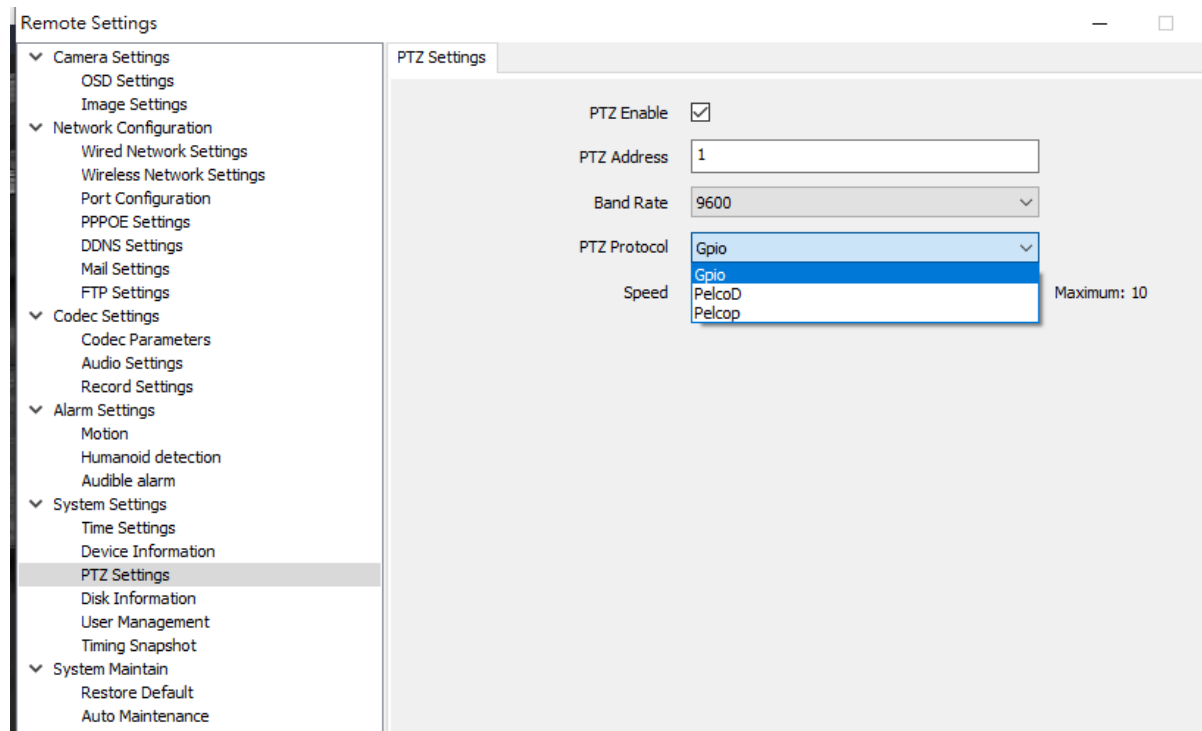
D,Disk information: display SD card memory, write status and snapshot, recording for memory size.
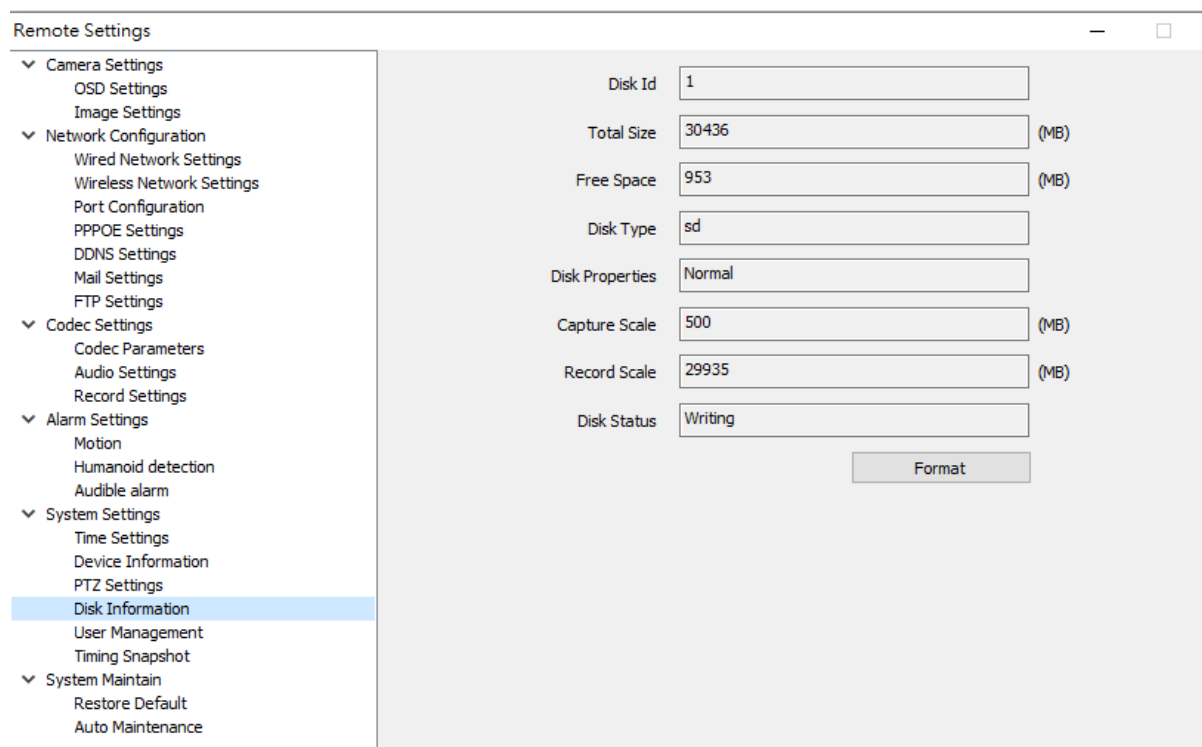
E,User Management: Setting user authority

F, Timing Snapshot: Setting where save the snapshot picture (only support SD card ,FTP and APP)

2.5.3.6,System Maintain

A. Restore default; Reset default (all camera settings restored to the factory state, but will

not delete the user data); Restore factory (camera fully initialized, including settings and user data will be deleted); Reboot (camera restart)

B. Auto Maintenance; Enable auto maintenance Weekly / Daily/Single with maintenance time and next maintenance time.

2.6, PTZ control

Click on the preview interface> below the device area bar> PTZ to enter the PTZ control interface

step [10 ▼]   Adjust rotation speed 1: slowest,10: fastest.

assistance menu ▼ ▶ ■ ON,OFF
preset 1 ▼ ✎ ▶ SET,CALL
cruise 1 ▼ ✎ ▶ ■ set,run ,stop
track 1 ▼ ✎ ▶ ■ record,start,stop

2.7. Remote playback (Only support SD card and NVR)

A, Remote playback l Enter the remote playback interface. In the left device tree, select the channel to be played back (Note: currently only supports one playback at a time), select the date on the calendar, click the "Search" button, and the system starts on the NVR/SD card (or local Hard disk) Search for video and display search results.
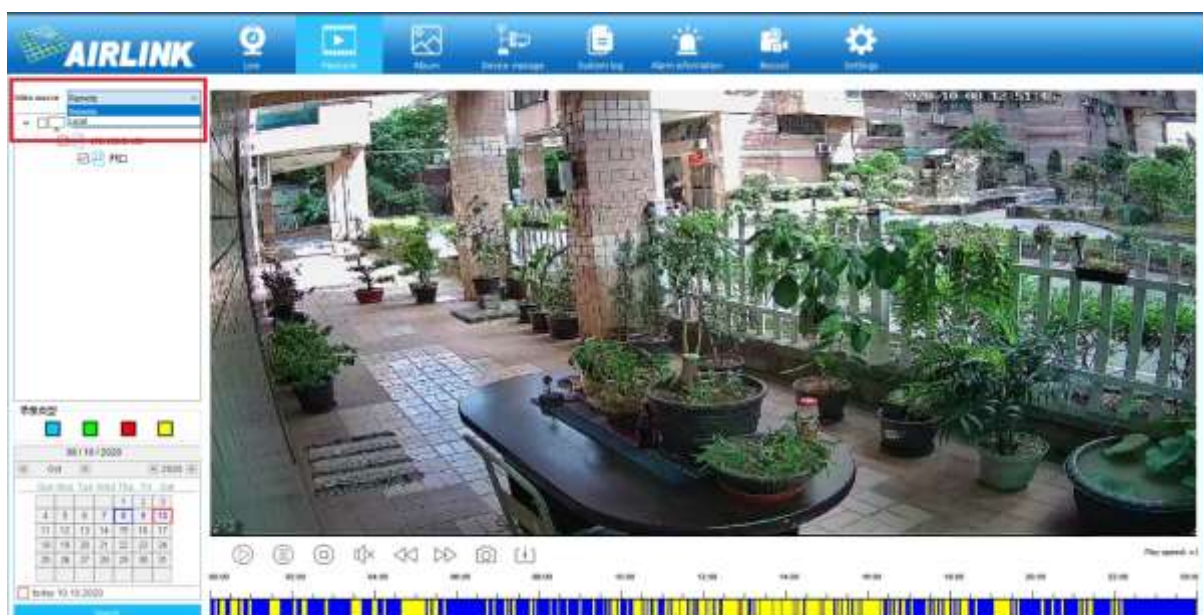
B. Icons
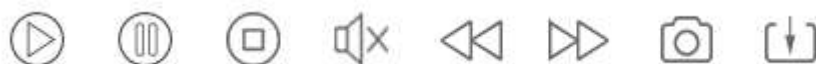
Player button，press it can continue play the recording.

Pause Button, press it can pause the play the recording.

Stop play Button.

Audio control button turn on/off when it is playing video.
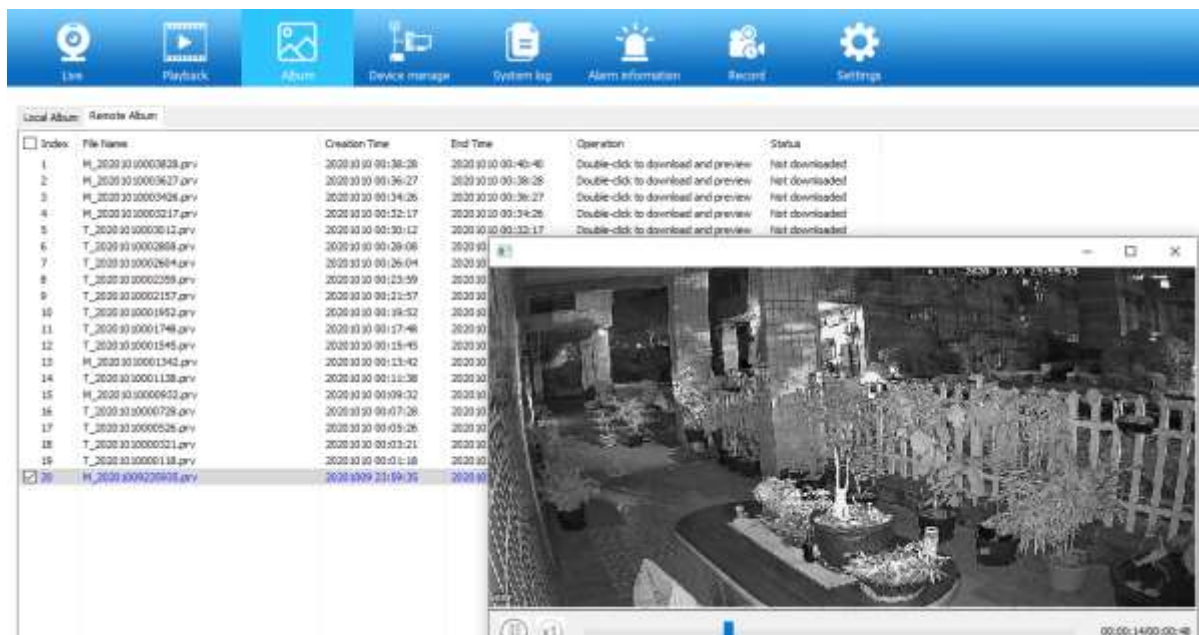
Slow forward.

Fast forward.

Snapshot for playback video.

Download video file.

2.8. Album

2.8.1 The albums function is managing the picture and video for local and remote, you can view ,download and delete.
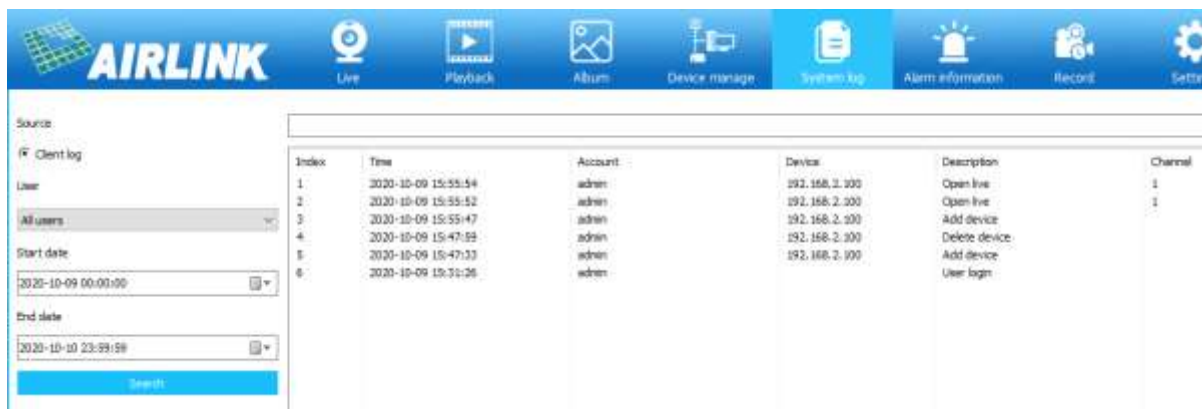

2.8.2 Search by Device，Choose a device，it will search all pictures and videos for the device. Search by date, Choose the date, it will search all pictures and videos for the date.
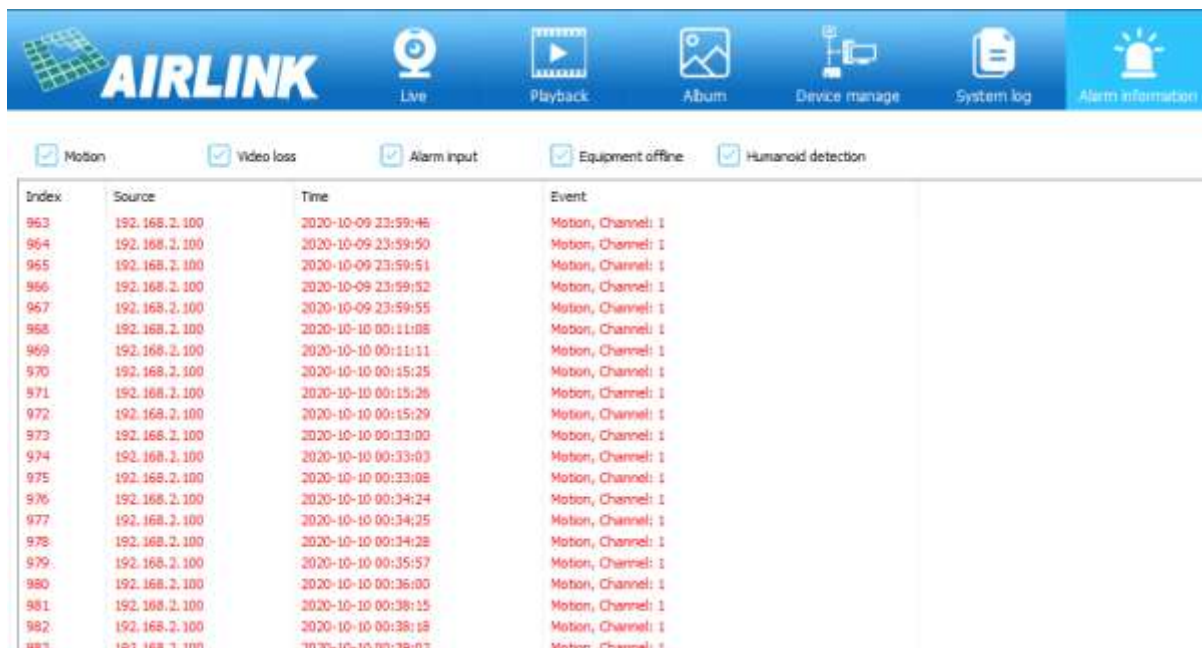
2.9. System Log

Login the system Log interface, choose the Client Log, Chose the beginning and end time for search, then you can see time/account/IP address/ description/channel for device.

3.0 Alarm Information

The alarm interface were recording all type of the alarm information, it include motion detection, video lost, alarm input, equipment offline ,humanoid detection. User can search and backup the alarm information of all categories. Press【export】Button, you can save the video to .csv video file.

End