

Introduction

Welcome to use our products. It's always an honor to be able to gain your trust.

In order to provide a better experience and understanding of the CMS software, we have specially prepared a user manual. We have included some of the basic and necessary information like CMS functional introduction, operational steps, precaution issue and so on in this user manual.

Please ensure that you go through this user manual in advance, and we believe it will strongly enhance your product user experience. Besides, if you have any problem or difficulty in using this CMS, please feel free to contact us and we will be pleased to serve you.

Applicable Model

This user manual is applicable to Camera Monitoring System CMS.

Statement

This user manual may consist of some inappropriate product functional or operational information, inaccurate technical information, or printing error. We will update the contents of the manual according to

the product update and regularly update the hardware and software products details in the latest manual. The updated content will be added to the new version of this manual without prior notice.

This user manual is only for reference, details might be different from the in kind, please prevail in kind.

Agreement

In this manual, in order to simplify the description, we have made the following engagement:

- Camera Monitoring System CMS is known as CMS or Software
- NVR,DVR,IPC,Onvif protocol type device are known as device
- Click as mouse left click, Double click as mouse double left click
- Some pictures are only for illustration, please refer to the actual software interface
- A "notice" prompt text may appear in this manual and indicating that the operation has a potential risk, and if you ignore the notice, it may result in an error or dreadful result

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1.CMS Introduction

1.1.Feature Introductiong

CMS is known as Camera Monitoring System. It's multi-function CMS which can apply Video Preview, Video back-up, Remote Playback, Device management, video record/snapshot and more. It's applicable with DVR,NVR,IP Camera, other Onvif protocol device.

CMS has the following Specialty

The interface of the CMS has been improved and simplified the single screen and multi-screen switching process, and thus hugely boosted the multi-screen user experience. It had adapted to the multi-screen PC development trend.

Channel Management Mode: Channel management mode has been added into this CMS design, and put aside the conventional CMS design (device as a core subject). In another word, it's more adapted to IP Surveillance trend.

1.2.Operational Requirement

Operational System: Microsoft Windows 7 / Windows 8/ Windows 10
(64bit English operational system) OSX 10.9 (64bit English operational system).

CPU: 2.4GHZ above

Ram: 1GB or above

Graphics: RADEON X700 series

GPU: 256M or above

Attention

- View more channel or higher resolution of video will required higher performance of PC.
-

1.3.More Information

not available

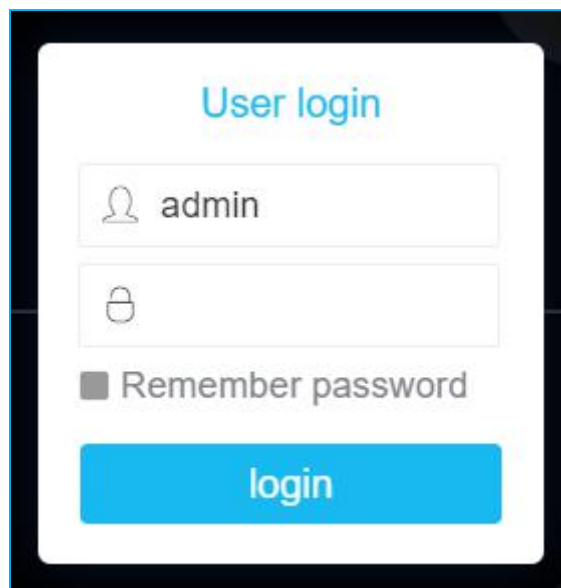
2.Device Management

2.1.User Login

After run the CMS software, User login interface will be popped up.

Enter username, password and then click “Login” to enter the CMS operational interface. You may enable “Remember me/password” so that you will be no longer require to enter the login password in the future CMS operation.

Picture 2.1 Login Interface



attention

- The current version of CMS only can use “admin” as user and the default password is blank. For security reasons, please be sure to update your login password in the first login, to prevent unauthorized party access to your device or cause other undesirable consequences.
- In order to ensure better protection to your privacy and improve product safety, we strongly recommend that you setup a more complex passwords according to the following rules: more than 8 characters, including uppercase and lowercase letters, numbers, special characters and so on. Please understand that it is your responsibility

to configure all passwords and other related product security settings.

2.2.Device Addition

Click on the “Device” icon on the CMS main interface. There are three device addition method, and the are Cloud ID, IP/DDNS, add device by network. Cloud ID device addition as picture 2.2. IP/DDNS as picture 2.3, add device by network as picture 2.4.

Picture 2.2 Cloud ID Device Addition

The screenshot shows the EseeCloud interface with the 'Device Management' tab selected. Under the 'Add cloud ID' radio button, there are input fields for 'CloudID', 'User name' (containing 'admin'), 'Password', 'Note', 'Channel' (containing '4'), and a 'Panorama' toggle switch. An 'Add →' button is on the right.

Picture 2.3 IP/DDNS Device Addition

The screenshot shows the EseeCloud interface with the 'Add IP/DDNS' radio button selected. There are input fields for 'IP/DDNS', 'User name' (containing 'admin'), 'Password', 'Note', 'Port' (containing '80'), 'Channel' (containing '4'), and a 'Panorama' toggle switch. An 'Add →' button is on the right.

Picture 2.4 add device by network Device Addition

The screenshot shows the EseeCloud interface for adding a device by network. It features a search bar labeled 'Input IP/ID...' with a magnifying glass icon. To the right is a 'Device in same lan' link with a refresh icon and an 'Add →' button. Below is a table with columns: ID, IP, Port, Note, Channel, and Type. The table is currently empty.

Device Addition Steps as following




Click symbol “”to select device addition method, please insert the device information as table 2.1

Table 2.1, Device Addition description

Option	Description
Cloud ID Device Addition	<div><div><div>* CloudID</div><div></div></div><p>a.Please insert cloud Id in “</p><p>b.Please insert the username in</p><div><div>User name</div><div>admin</div></div><p>“”, default username is “admin” but you may modify it.</p><p>c..Please insert your password in</p><div><div>Password</div><div></div></div><p>“”,default password is blank but you may modify it.</p><div><div>* Note</div><div></div></div><p>d. Please insert your device description name, for example: MyHouse, MyHome, MyOffice.</p><p>e.Please select the number of channel of your device in</p></div>

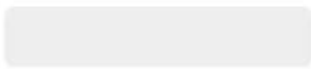
	<div data-bbox="684 208 922 374" data-label="Form"> <div>* Channel</div> <div>4</div> </div> <p>“ , 1/4/6/8/9/12/16/24/25/36 channels are available</p> <div data-bbox="869 486 1086 633" data-label="Form"> <div>Panorama</div> <div><input type="checkbox"/></div> </div> <div data-bbox="1129 560 1248 633" data-label="Form"> <div><input type="checkbox"/></div> </div> <p>f.please select “ , Panorama mode off;</p> <div data-bbox="655 663 786 750" data-label="Form"> <div><input checked="" type="checkbox"/></div> </div> <p>Panorama mode on.</p> <div data-bbox="970 801 1177 900" data-label="Form"> <div>Add →</div> </div> <p>g.Finally, Click on the “ ” at right side to complete the device addition) (Boxes come with * mark are compulsory to fill in, else the device will not be able to</p> <div data-bbox="745 1046 1037 1281" data-label="Form"> <div>My Device ...</div> <div></div> <div>100015721</div> </div> <p>added.</p>
IP/DDNS Device Addition	<p>a.Please insert your divide’s IP address or DDNS in</p> <div data-bbox="668 1391 925 1518" data-label="Form"> <div>* IP/DDNS</div> <div></div> </div> <p>“ ”</p> <div data-bbox="1086 1668 1458 1825" data-label="Form"> <div>User name</div> <div>admin</div> </div> <p>b.Please insert the username in “ , default username is “admin” but you may modify it.</p>

Password

c. Please insert your password in “”, default password is blank but you may modify it.

d. Please insert your device description name in

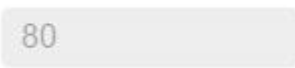
* Note

, for example: MyHouse, MyHome, MyOffice.

e. Please insert your device description name in

Port


80

“”, for example: MyHouse, MyHome, MyOffice.

f. Please select the number of channel of your device in



* Channel




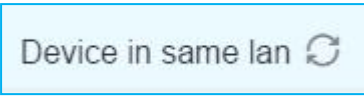


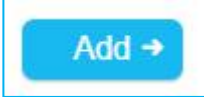

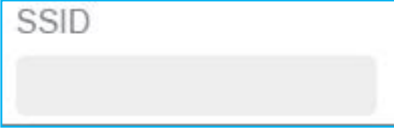
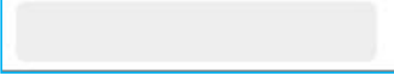
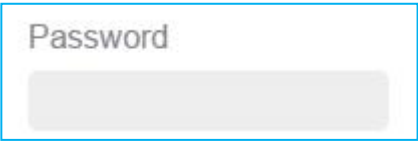
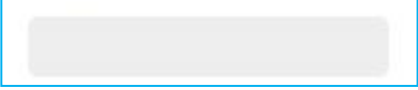
4



“”, 1/4/6/8/9/12/16/24/25/36 channels are available

Panorama



g. please select “”,  Panorama mode off;

	<div data-bbox="655 197 743 257"></div> <div data-bbox="759 230 1016 264">Panorama mode on</div> <div data-bbox="975 304 1179 400"></div> <div data-bbox="655 376 1560 595">h.Finally, Click on the “” at right side to complete the device addition and the added device will be show up at the device list which located at the right side) (Boxes come with * mark are compulsory to fill in, else the device will not be able to added.)</div>
<div data-bbox="331 1245 630 1341">Add device in local network</div>	<div data-bbox="655 645 1560 864">a.Please click on the refresh Button which located at right side of the , and all the available device within the LAN will be listed out.)</div> <div data-bbox="655 913 1560 1115">b.Please select the appropriate device by selecting the box .  as selected status. Please enter the device description and information.</div> <div data-bbox="655 1245 1560 1536">c.Please click on the “” button to complete the device addition and the added device will be show up at the device list which located at the right side. If you didn’t change the device’s descrition, the added device will be showed up as IP Address.</div> <div data-bbox="655 1585 1560 1966">d.VR CAM device click on , insert Wifi Name in  “”,insert wifi password in  “”,and then click on</div>

	<p>“”. The device will connect to the Wifi and added to the device list at right hand side. If click on  directly, the device will only connect to the wifi and will not be added into the device list.</p>
--	---

Attention



- In order to ensure better protection to your privacy and improve the product security, we strongly suggest you to setup a more complex passwords.
-

2.3.Device Modification & Delete

The added device will be show up in the device list which located at the right side of the device main interface, as picture 2.5 shows.

Picture 2.5 Device List



To enter the device modification interface, please select on the added device, click on the icon  (at top right of the device), and then click on the  icon, as picture 2.6 shows. You may modify the device's information as you wish and please select “confirm” to save the modified device's information.


Picture 2.6 Device Modification

Modify device

ID	Port
100015721	0
User name	Password
admin	
How many channels	Panorama
1	Open
channel index	Channel name
1	chl_1
Note	
My Device	

Confirm

Cancel

Select the device that you have already added, click the right top icon


, then click, the software will pop up a dialog as below .Click Yes, you could delete the selected device.

Image2.7 Delete Device

Image 2.7



Tip

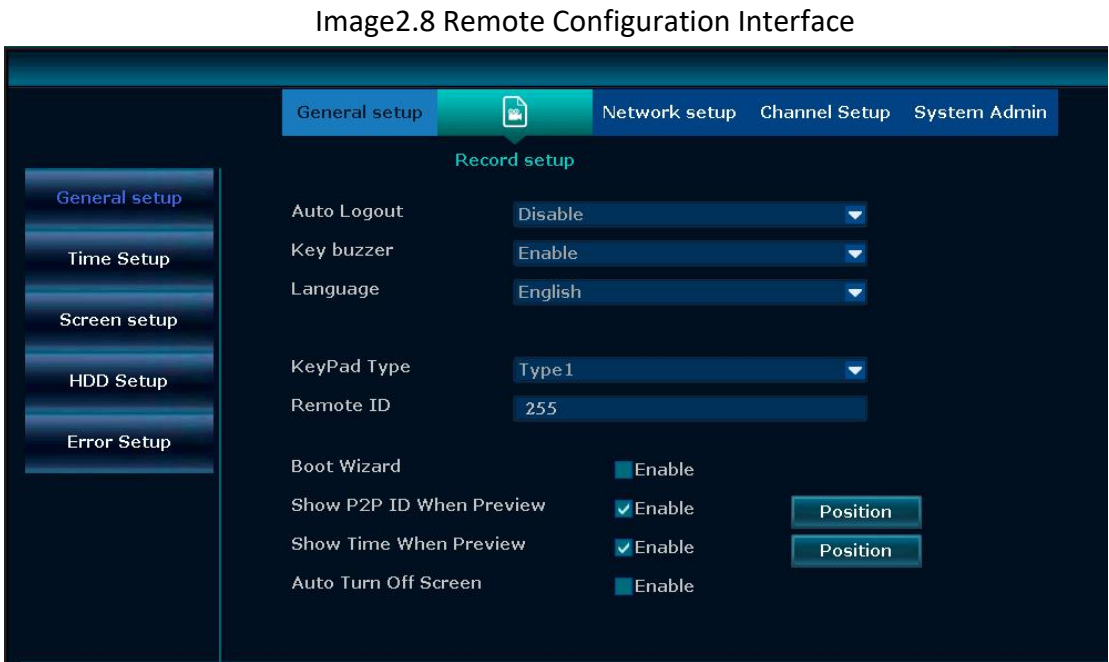
Confirm to delete?

Confirm

Cancel

2.4. Remote configuration

After adding the device successfully, select the device, click the icon , then click , enter the device interface of parameter configuration as below:



It mainly includes the following options: general setup、record setup、network setup、 channel setup、 system admin， the detail is as the table2.3。

Table2.3 The Description of Parameter Configuration

Menu	Description
General Setting	Include: General、 Time、 Screen、 Key board、 Error etc.
Record setting	Include: Record plan and Sensor setup

Network setting	Include: Network setup、DDNS、FTP、PPPoE、3G、E-Mail、Wifi setup
Channel Setting	Include: Encode setup、PTZ setup、Channel OSD、Video detection、Bit rate、Channel detail etc.
System Admin	Include: System version、HDD information、System log、User management、Upgrade system、Maintain system、Reset factory setting、Maintain IPC etc.

Attention

- As the functional differences from different model devices, there will be some distinguish on the remote configuration options.Ø The remote configuration function needs the equipment to support remote desktop services. If your device couldn't support remote configuration, please ask the manufacturer to upgrade firmware.
-

2.5.Device Preview

2.5.1.Image Preview



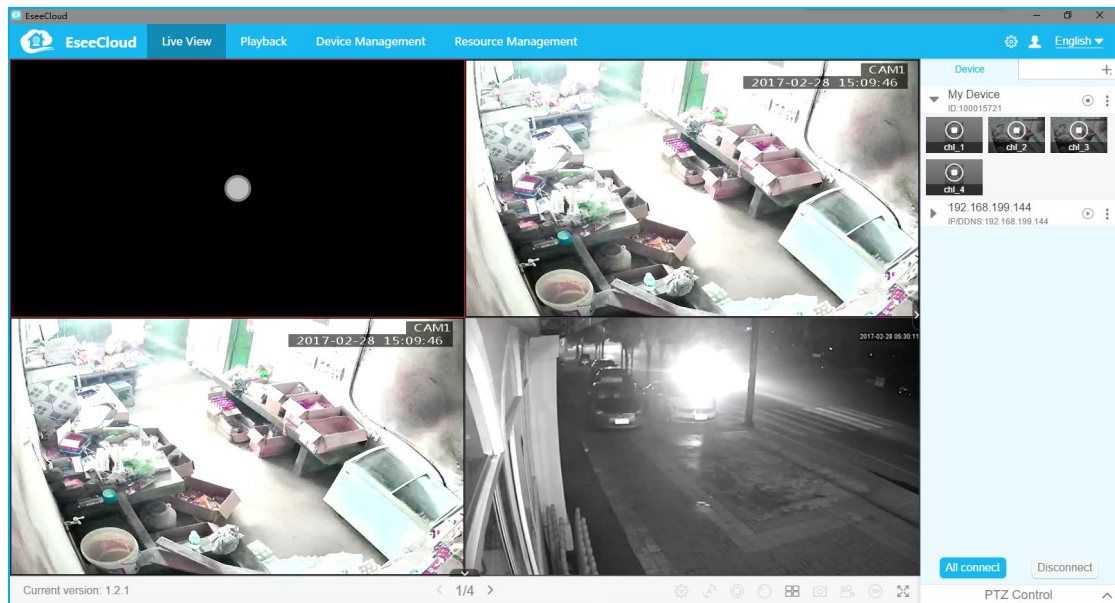









After adding the device successfully, click Preview to enter the preview interface, choose any devices in list, click the icon , you could connect all the channels under the device, click the icon in channel detail , it will start or stop all the view playing as below:






Image2.9 Preview Interface



Showing the icon and its explanation of the right down side, see chart 2.3 below:

Chart 2.3

Icon	Explanation
	Remote configuration
	Patrol
  	Installation modes (including hanging and wall-mounted mode)
	Panoramic mode
	Split-screen
	Capture
	Recording

	Stream switching (including  including  Standard definition and  high definition)
	Panoramic mode





Click the “all-connected” under device list, all channels of the device will be connected, the max connection channels are 64 channels, if more than 64 channels, only the former 64 channels will be playing.

Click the “disconnect” under the device list, all displaying channels will be disconnected.

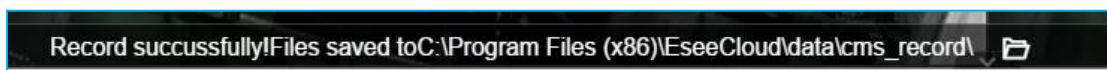
Notice



- Click “all connected” when there are many devices, if hardware’s configuration is not good, unknown error will be occurred.
 - Patrol and installation modes only can be used in the condition of panoramic modes, also stream switching is not available under panoramic mode.
-

2.5.2. Recording and Capture

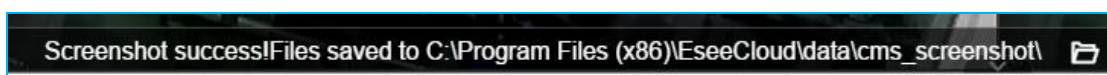
Click  in preview page to make real-time recording of the same channel, after recording, the right bottom side will have  notice, means the channel is recording, click again  to stop recording, after that, notice of recording path will be showing, click the right  to open the recording path, same as below picture 2.10 .

Picture 2.10 Recording file saving path notice





Click  in the preview page to capture the real-time picture of same channel, after success capture, the saving path will be showing, click the right of path  to open the capture file path, see below picture 2.11.

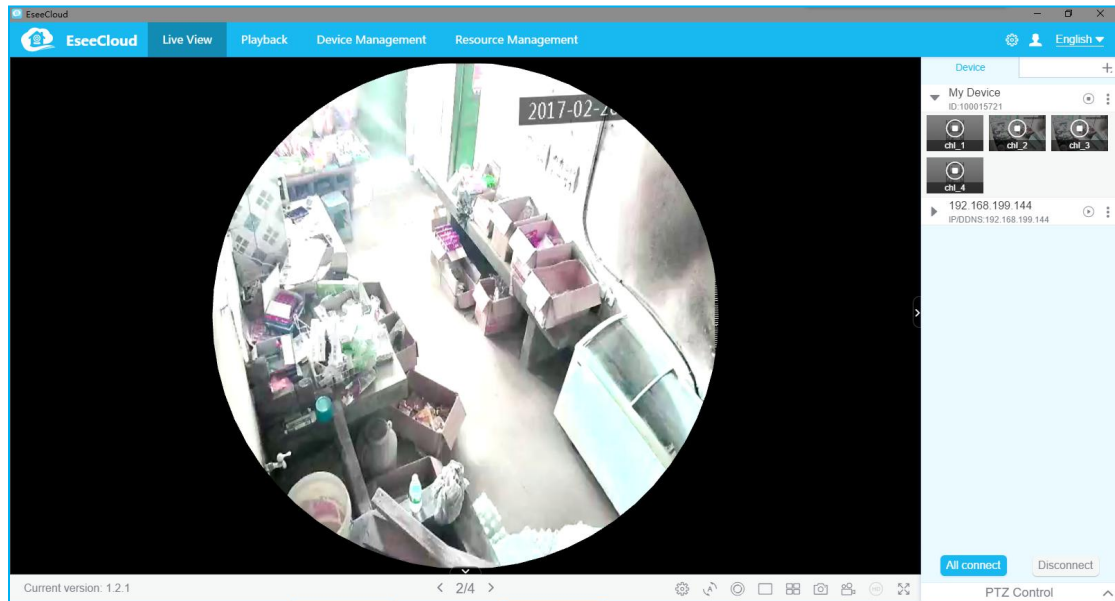
Picture 2.11 Capture file saving path notice





2.5.3. Panorama mode

Double click any channel in the preview page to play in single screen, and click  to panorama mode, the icon of panorama will change to , see below picture 2.10

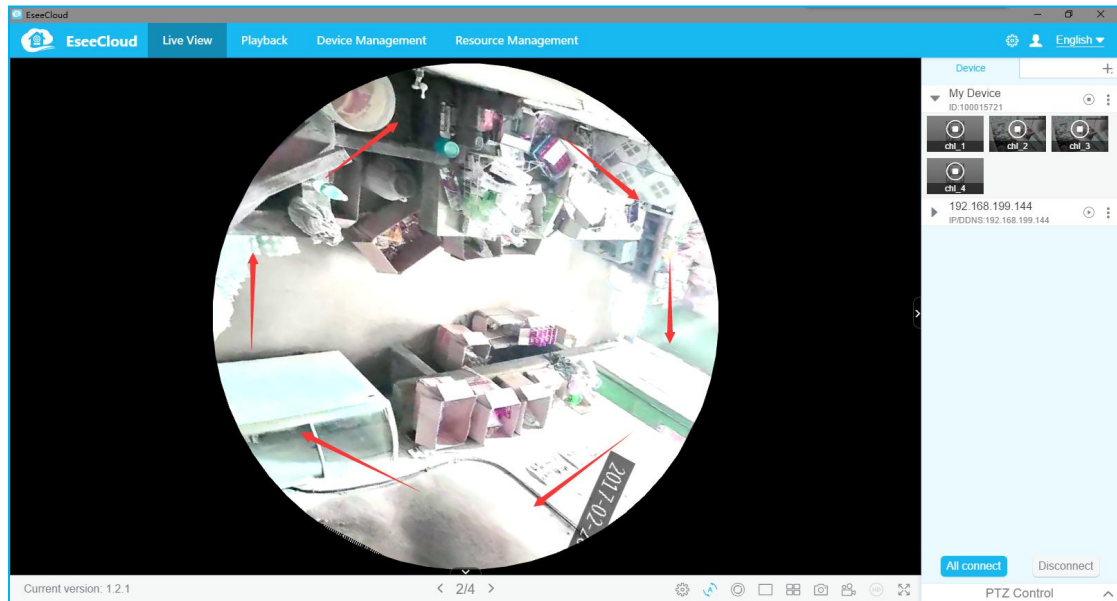
Picture 2.10 Panorama mode



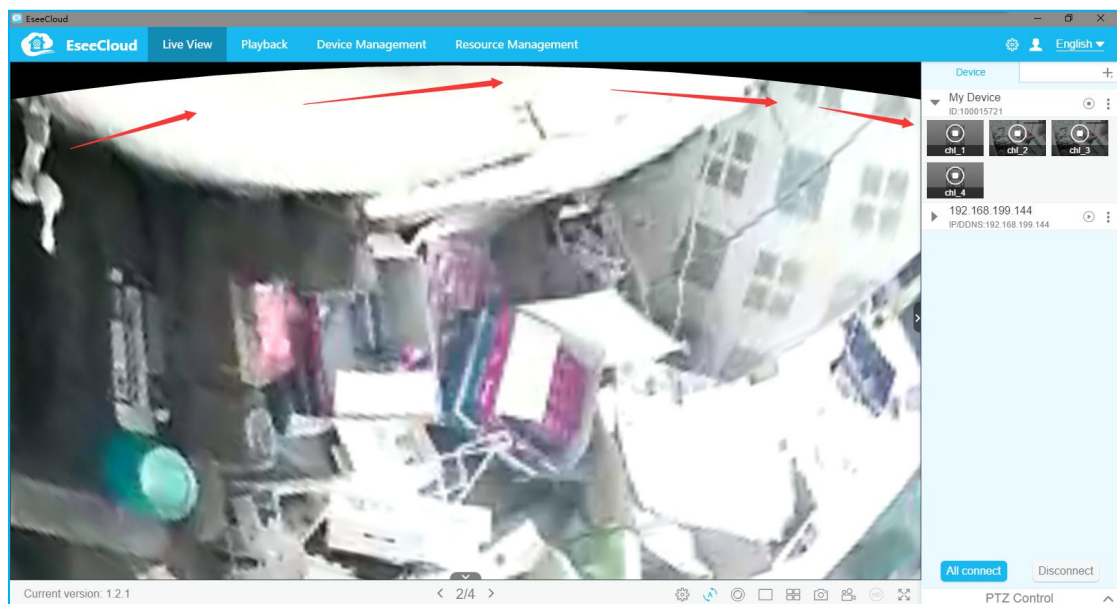
Double click the screen to panorama mode, the screen will be zoom, press left key of mouse to drag the screen to the according position, besides, moving the pulley on the mouse can zoom and narrow the screen。

Click  to patrol mode under panorama mode, the screen will be moving automatically, when screen is in the initial status, the screen will be turn circle by clockwise direction; when screen is zooming, the picture will turn circle like a ball, see below picture 2.12 and picture 2.13. Click again  or click playing to stop patrol.

Picture 2.13 The initial patrol status



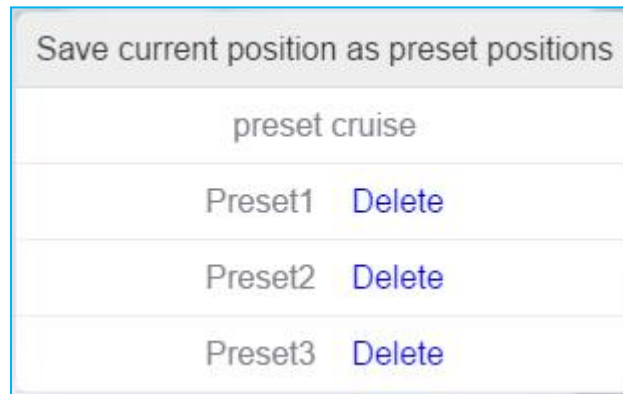
Picture 2.14 Zoom Status of patrol



If want to check a specified picture, add the preset to make it. Moving the mouse to the required initial place under panorama mode, click preview and select “save current place as preset point”,input the name of preset point to add preset point, follow the track which required specified places to setup preset point every small distance, when error adding, right click the picture and click “delete”to delete the

preset point, see below 2.15.

Image 2.15 Delete the preset point



Once you've finished adding, right-click on the preview interface and select "Preset cruise" to navigate through the location.

Note

The above cruise is in the effect of upside down mode. Under the mode of wall hanging, except move around, other operations do not have much difference with the wall-mounted mode .

2.5.4.Split screen number


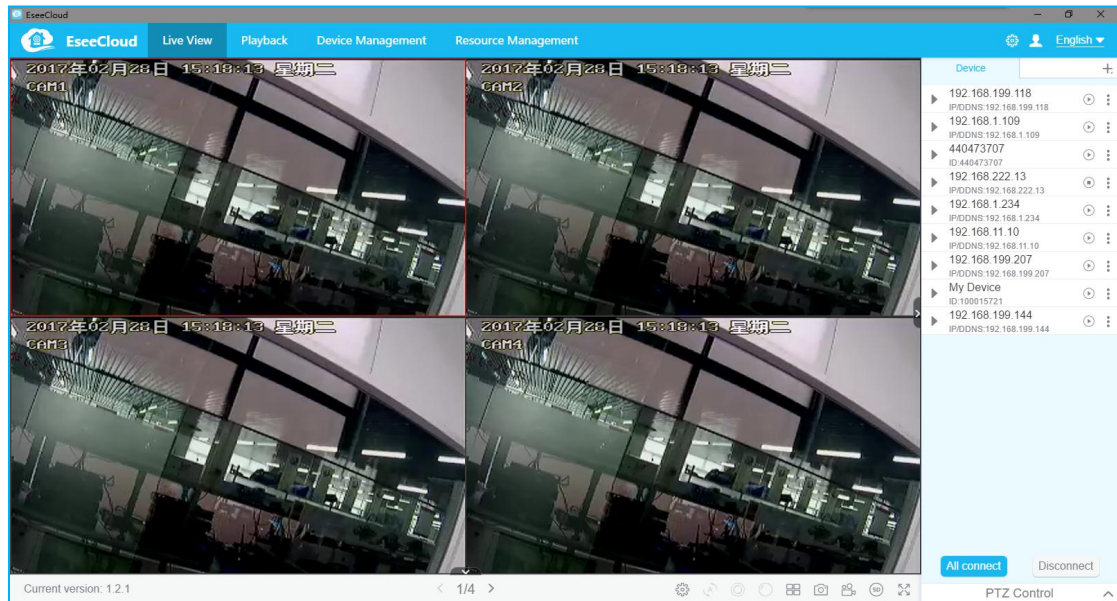
In the preview channel screen, click  to select the number of split screen, you can choose 1 channel, 4 channel, 6 channel, 8 channel, 9 channel, 16 channel, 25 channel, 36 channel, 49 channel, 64 channel, for example, figure 2.16 is four split screen.

Figure 2.16 is four split screen





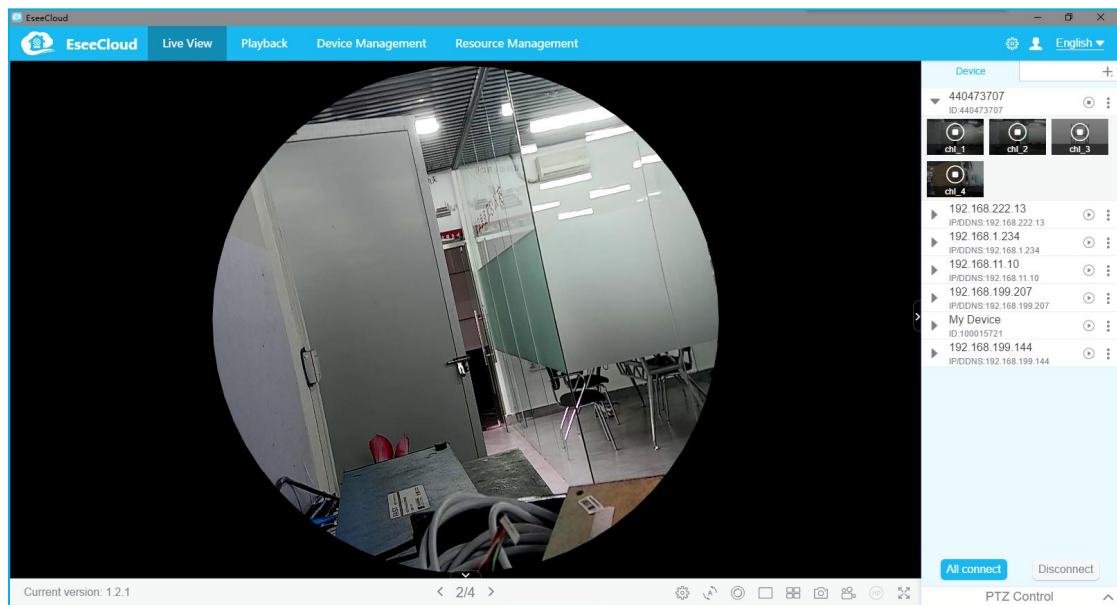
In panorama mode, click , click  to enter single-screen play, as shown in Figure 2.17.

Figure 2.17 is panorama single-screen





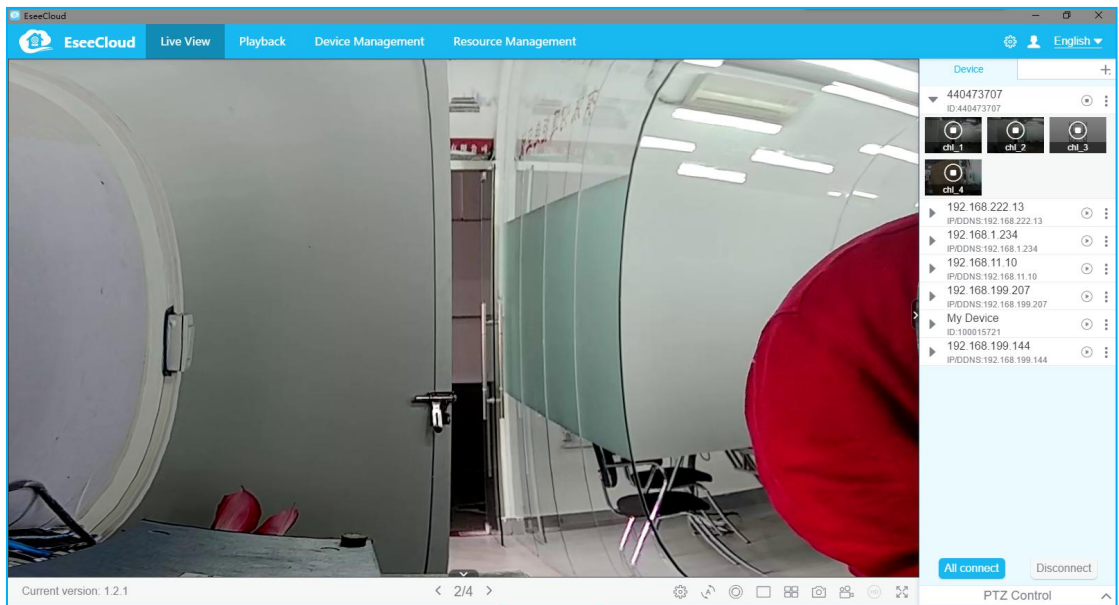
In panorama mode, click , click  to enter single-screen play, as shown in Figure 2.18.

Figure 2.18 is panorama single-screen





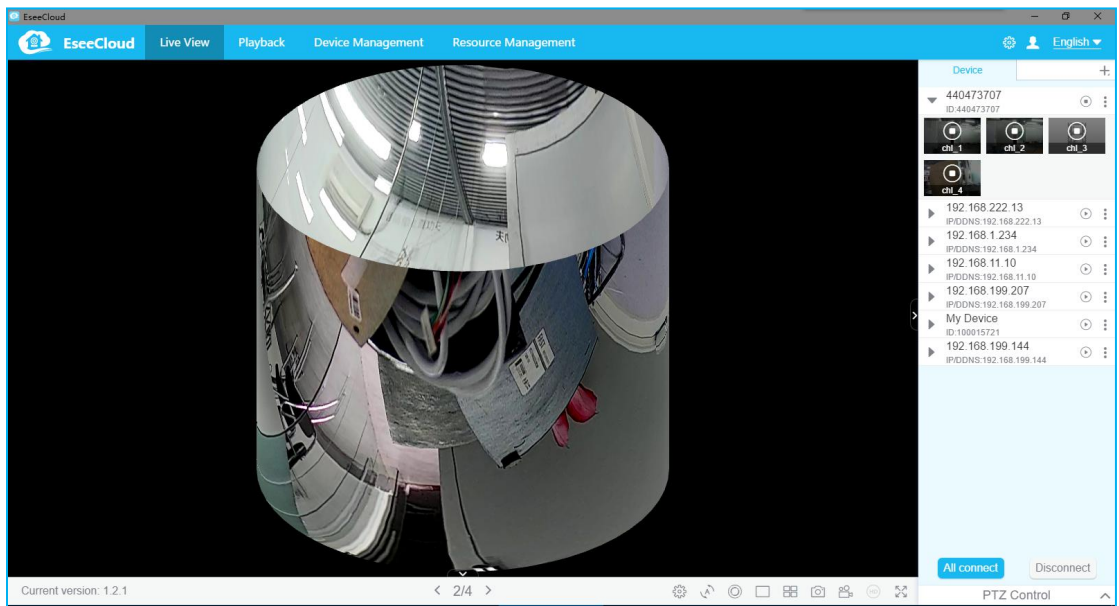
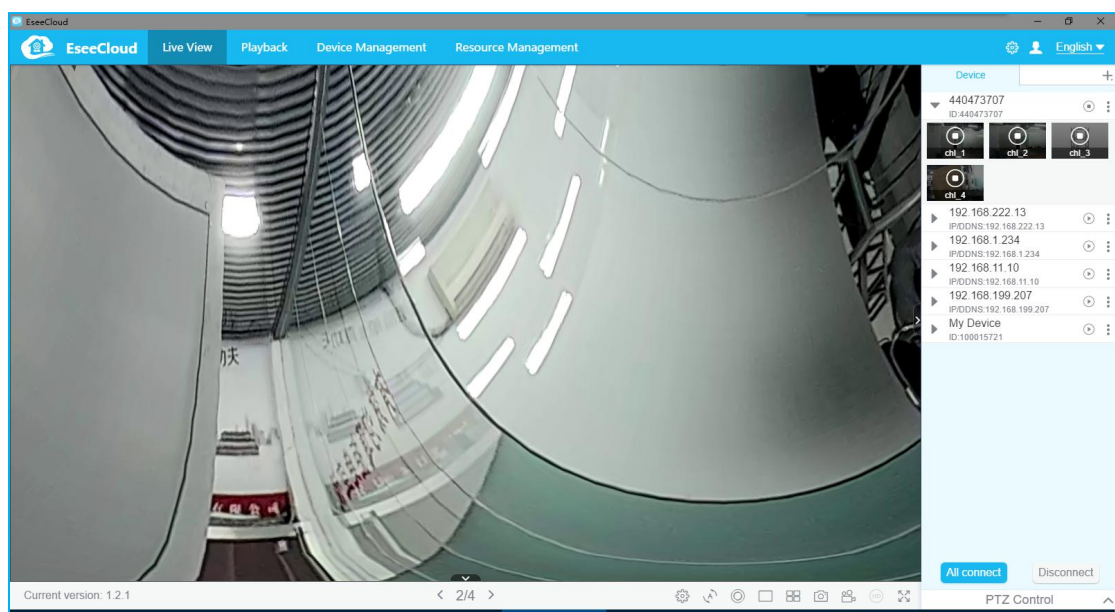
In panorama mode, click  , click  to enter single-screen play, as shown in Figure 2.19.



Figure 2.19 is panorama single-screen



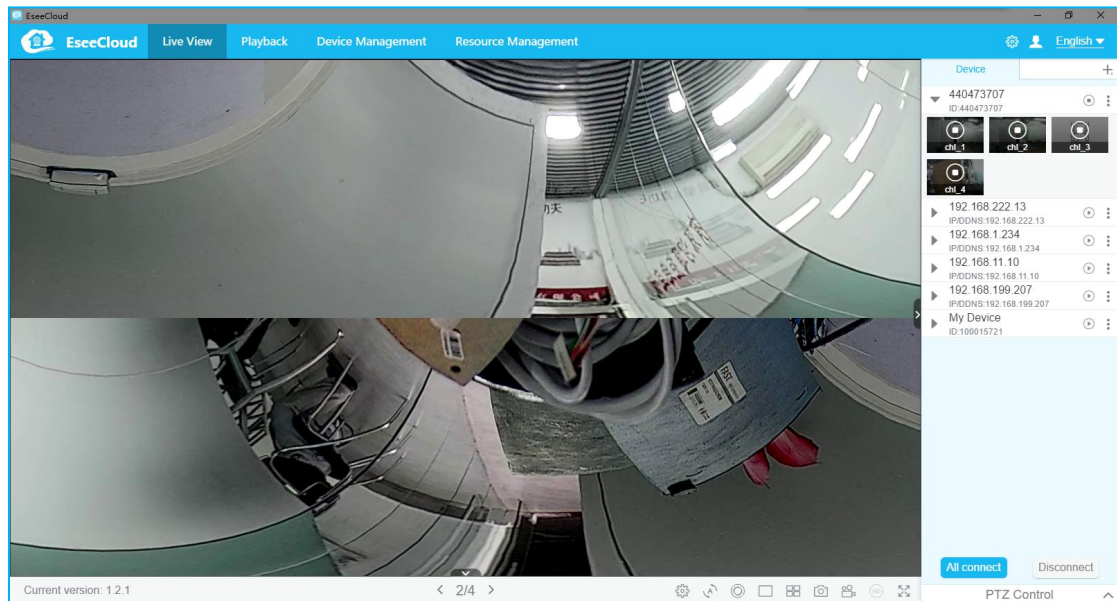
Press left key of mouse to drag right/left under single screen mode to move picture in the right/left. Up drag the picture to change to rectangular picture, all the picture will be showing in the whole screen, same as below photo. If want to return to Cylinder play mode, just press the mouse left key to drag the picture to the bottom.



Picture 2.20 single panorama screen



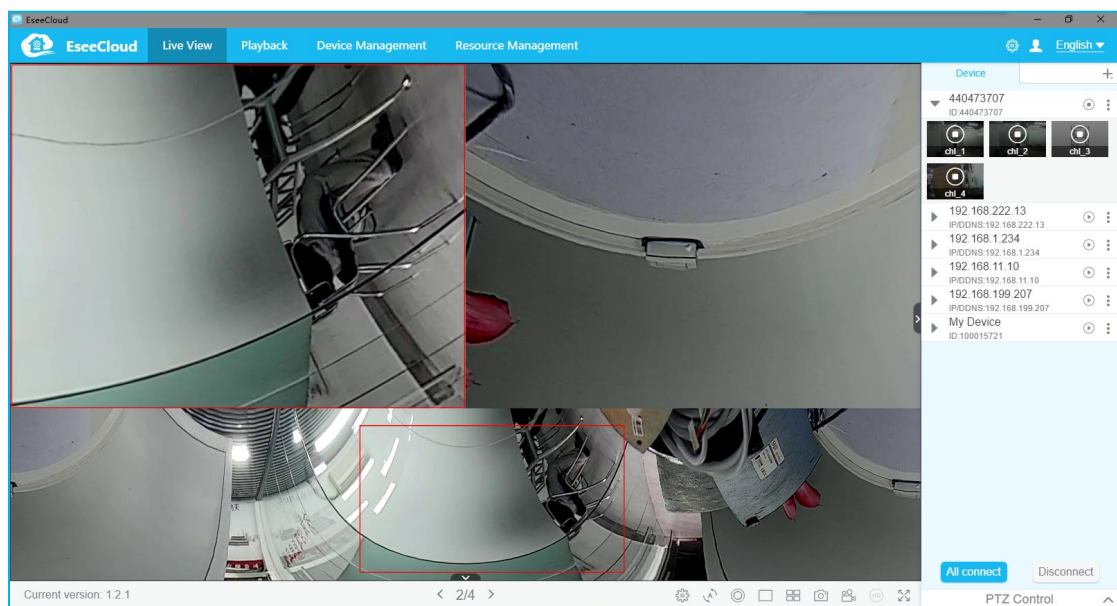
Click  under panorama mode to enter  two screen play, see picture 2.21. This playing mode is actual to separate picture 2.19 to play in two screens, press the mouse key on the left/right to turn left/right, pictures will be moved left/right.

Picture 2.21 Panorama double screen



Click  under panorama mode to enter  three-split-screen playing mode, see below picture 2.22

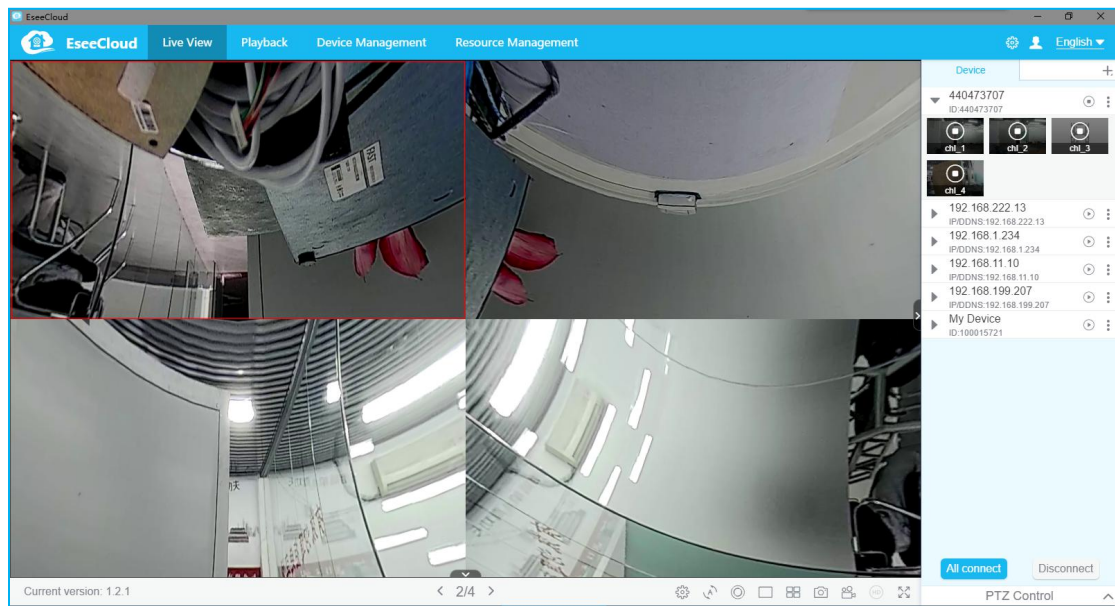
Picture 2.22 Panorama three-split screen



Under three-split screen mode, select one of the upper two screens, for example for the first one, Move the mouse to the bottom of screen, press left key of mouse and move, the red frame in the below screen

will move by the mouse, the picture in the frame will be same as the selected screen. Conversely, press the mouse on the left key to move the upper screen, the pictures will be same as the below picture in the red frame.

Image 2.23 Panoramic Four-screen





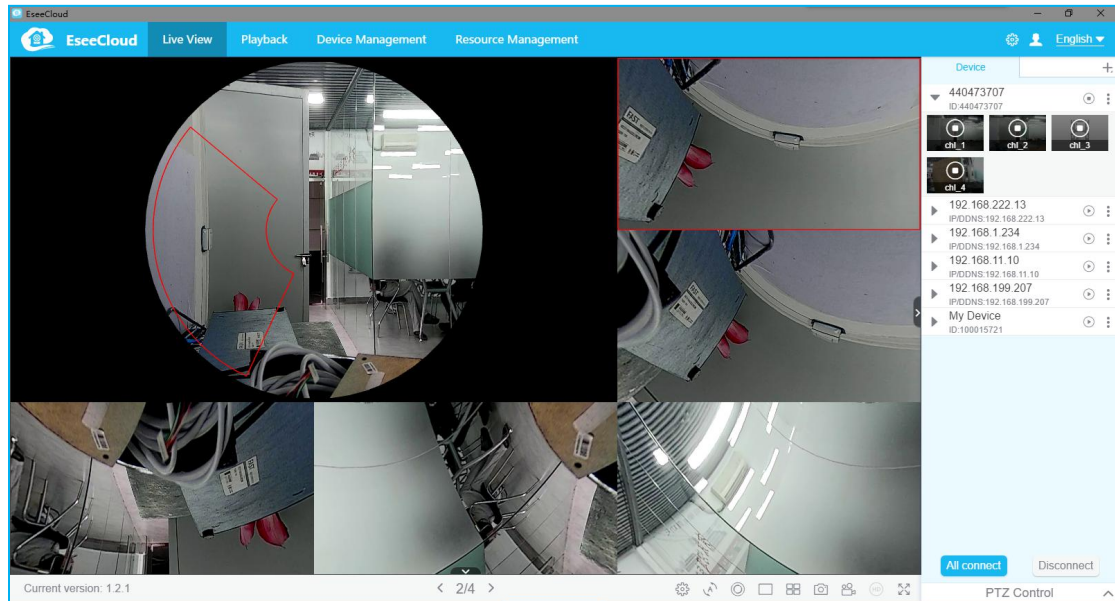
In the panoramic mode, click  , click  to enter the playing of six-screen as below:

Image 2.24 Panoramic Six-screen







Click all the other channels except CH1, right click the mouse and drag the screen, the fan-shaped screen in CH1 will keep the same with the selected channel. Similarly, drag the fan-shaped screen, the screen in selected channel also keep same.

Attention

- The split screens under wall-mounted mode include 2 ways:  and .

2.5.5.Stream Switching

In the preview screen, choose any channel, click the icon at the bottom right , it will appear 2 different icons , SD means

standard clarity, and HD is high definition。Click , the channel switch to SD mode, both the image quality and clarity are general。If click , the channel change to HD mode, the image quality will be better and clarity be higher.

Attention

- You couldn't switch the stream under panoramic mode.
-

2.5.6. Full-screen playing


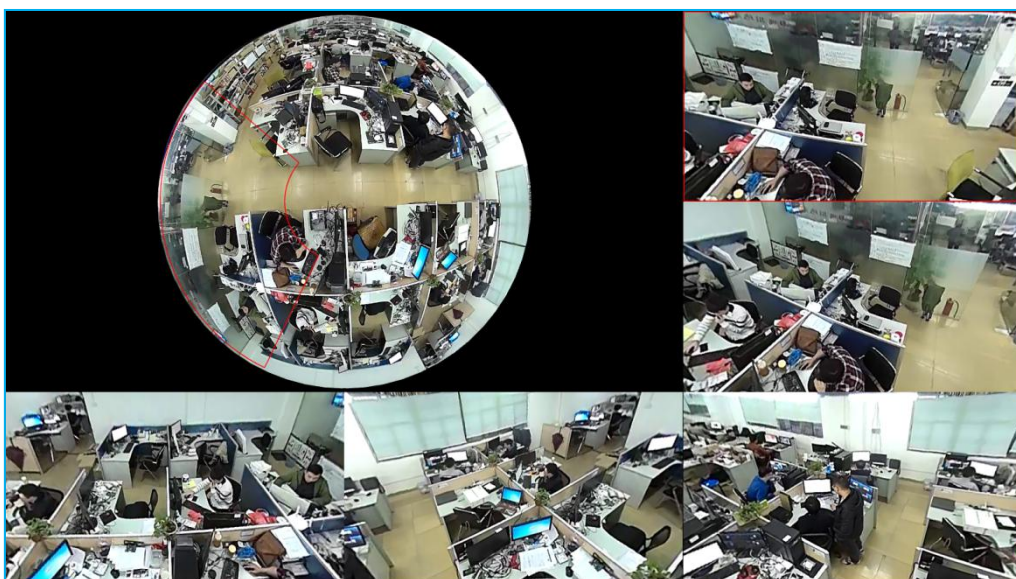
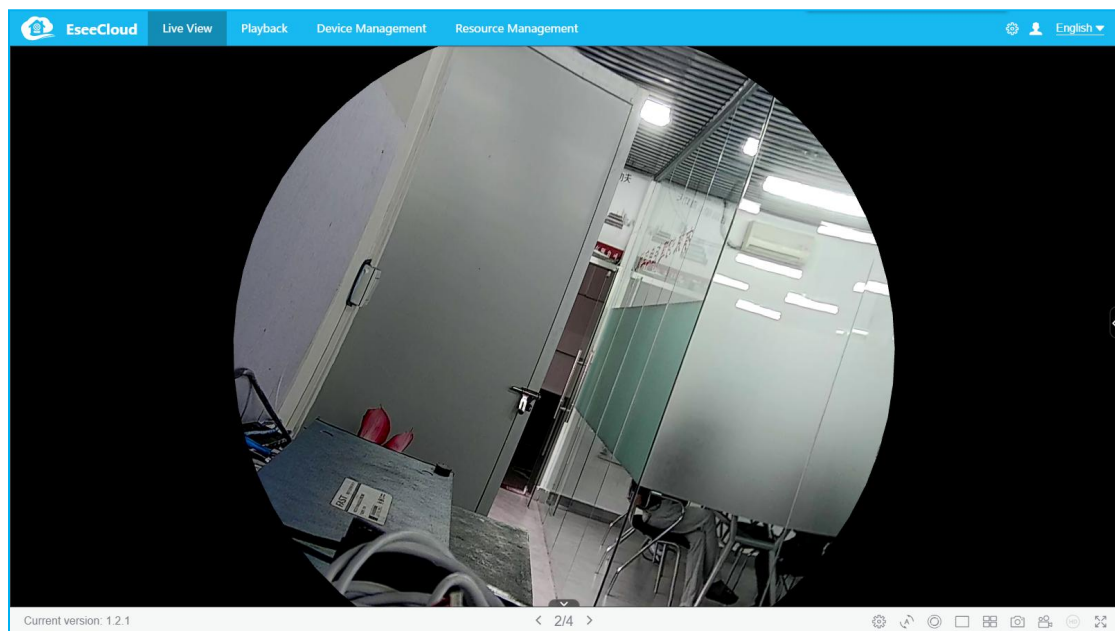
In preview channel view, click the icon at the bottom right , the preview view will enter to full-screen playing mode as below. Click the upper left button“Esc”,you could quit the full-screen mode.

Image 2.25 Preview full-screen mode



In the preview channel view, choose any one channel, double click the view, you could enter to the full-screen playing channel, double click again, you could quit the full-screen playing mode as below:

2.26 Full-screen Channel Mode



2.5.7.PTZ control

Through main control device (for example DVR) to connect PTZ device(such as Analog PTZ Camera). If add the main control device in the device management interface successfully, back to “Preview”interface , click the bottom right icon “ PTZ Control”to realize the PTZ control operation. See image 2.27.

Image 2.27 PTZ Control Interface



PTZ Direction Control,



Aperture Adjustment,



Focal

Length Adjustment,



Zoom Adjustment,



Cruise Function,

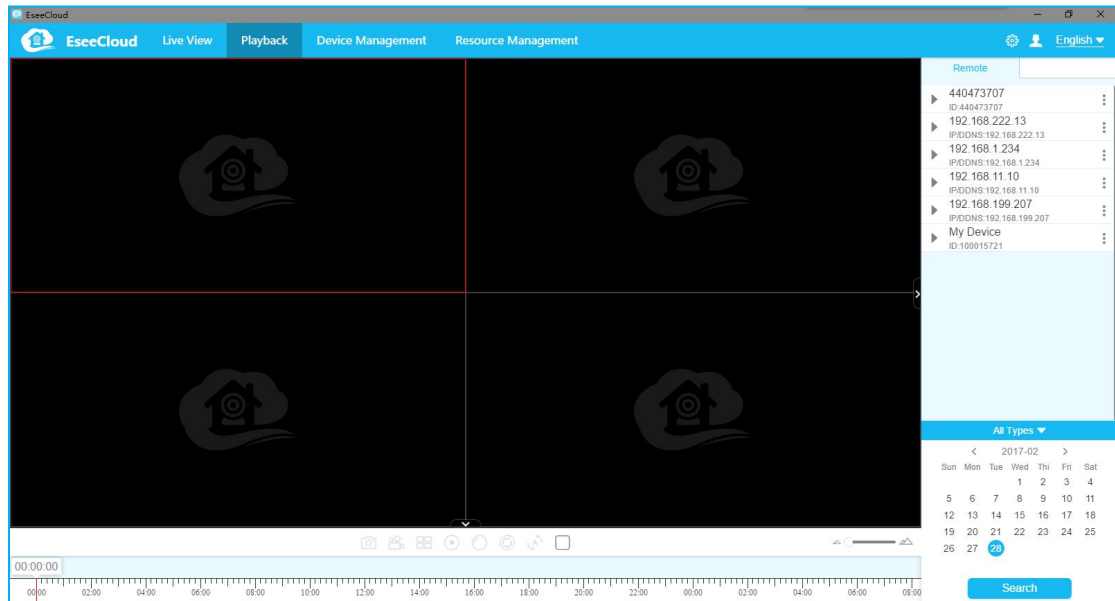


Back to previous menu bar。 You could according your requirements to realize the different functions as above.

3.Video Playback

If you use the device(NVR、DVR)to recording, the video will be saved on the hard disk.Our CMS could research the special period videos.Click the “Playback” in menu to enter the Video playback interface as below:

Image 3.1 Playback Interface








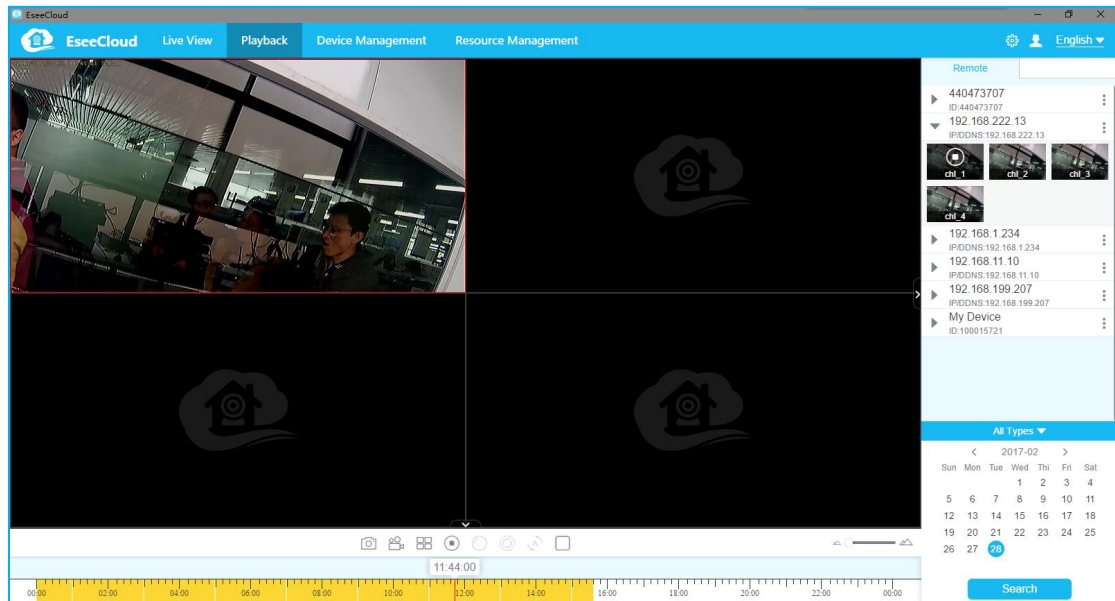




In playback Interface, choose the playback device, if you put the mouse in the Channel thumbnails, it will appear the icon , click and select both the date and the type of the playback video. (The default includes all types, such as: Motion 、Timing 、Alarm 、Manual ), then click “Research”, you could watch the video in specified date and specified type as below:


Image 3.2 Video Research



You could click the bottom icon in preview video or the right icon in the Channel thumbnails , it will stop recording.

Choose the preview image at playing , double click to enter the full-screen mode, click to enter the panoramic mode, thus you could make the video start to  installation mode 、  cruise operation. Please note that non-panoramic mode couldn't support installation mode and cruise operation.

Icon  stands for video sync operation, after checking it, click the detail point in time bar (for example: 12:00), the preview channel will show the recording at 12:00. The icon at the right

bottom  is a time scale regulator, drag the buoy to the

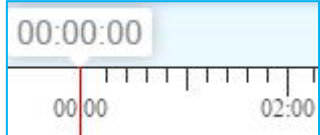
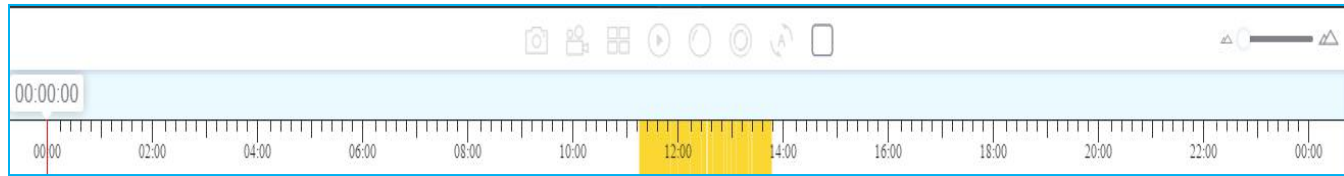
left side , each paragraph means 2 hours.  Such as

image 3.3 below:

Image 3.3 Time Scale



Drag the buoy to the right side , each paragraph stands for 1


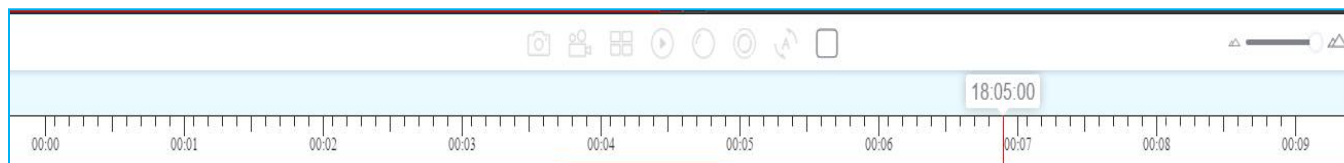
minute. , see picture 3.4.

Image 3.4 time scale



4.Resource Management

4.1.Video






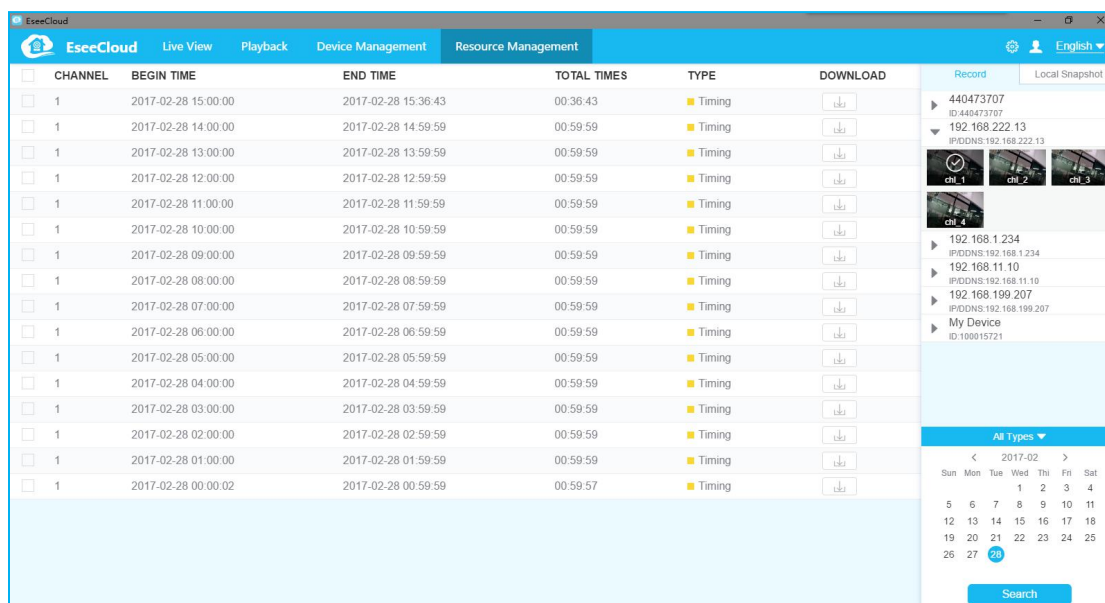


Click“Resource Management” to enter the interface, click the right icon“video” , choose the recording device in list , click the channel thumbnails of device  , then select the date and video type (The default includes all types, such as: Motion  、 Timing  、 Alarm  、 Manual ), Click“Research”, you will find the whole day video of the selected channel be shown at the left video list.See image 4.1.

Image 4.1 Video Management



According to requirements, click the left side icon  (If you want to select all videos , please check icon  which at the left side of mark“Channel”), click the right of video or the bottom icon of the



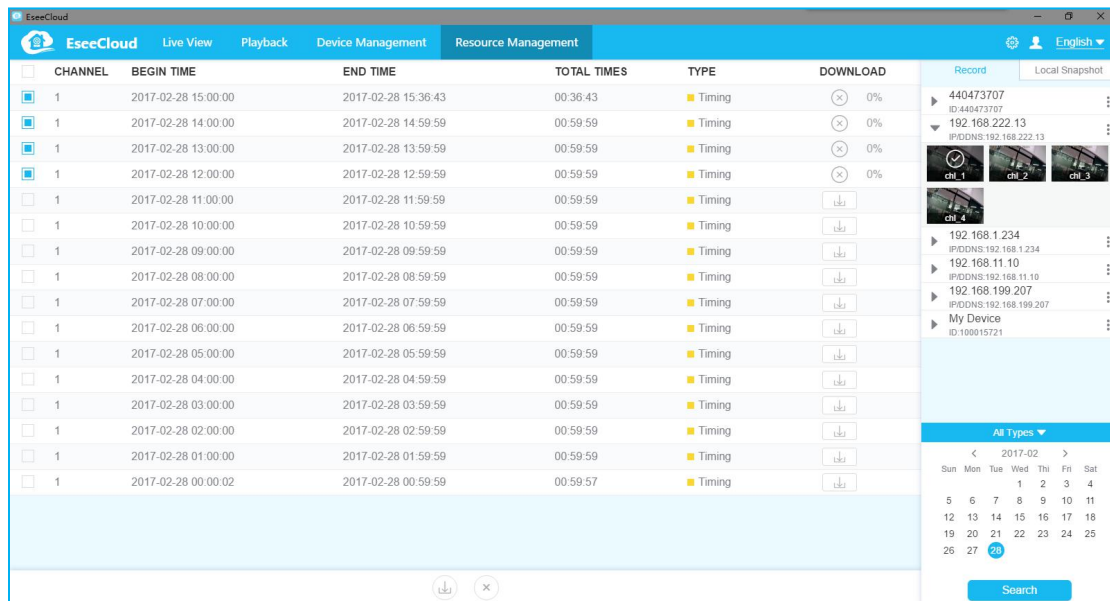

interface , the selected videos will start to download, if you want to stop downloading, click icon . See figure 4.2

Image 4.2 Download Video

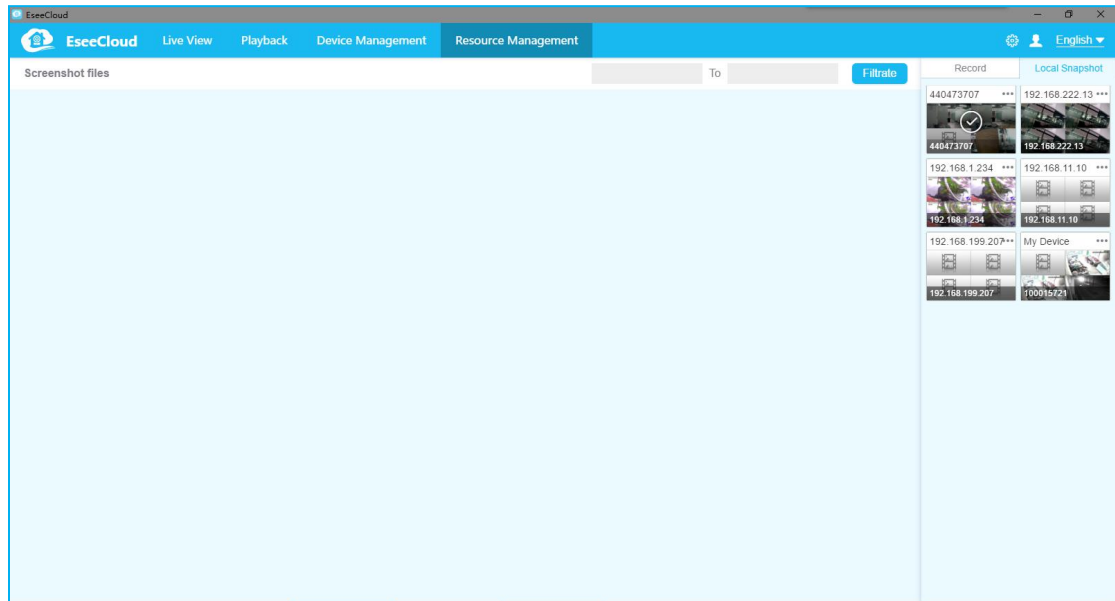


If download successfully, it will appear the icon  at right side, click the icon, it will jump to the saved location.

4.2. Screenshot

Click the right icon "Screenshot" to enter the screenshot management interface. See picture 4.3.

Image 4.3 Screenshot Management




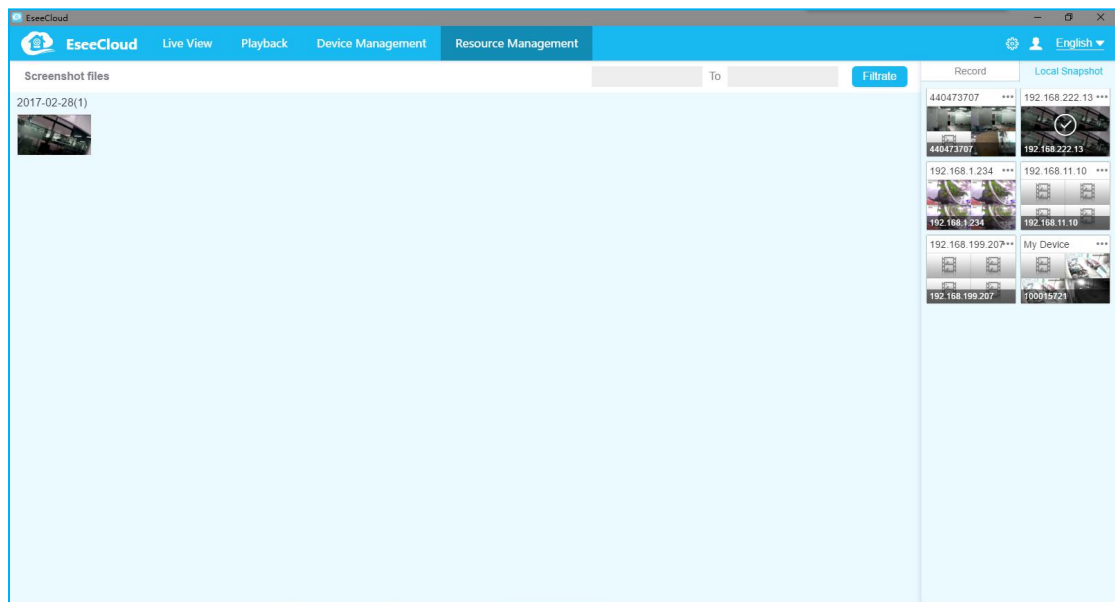
According to requirements, you could choose the any devices in list, click the icon  in thumbnail, the screenshot will be shown at the left list. See image 4.4.

Image 4.4 Screenshot

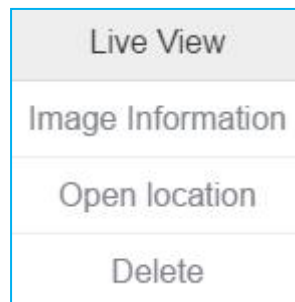



Click to select two dates, then click “Filter”, you will find all the screenshot during the period. Right click any

screenshots in list, it will appear some operations related to screenshot.

See image 4.5.

Image 4.5 Screenshot Menu



Click“Preview”, you could realize full-screen preview screenshot,click the selected screenshot, you could also do full-screen preview。 In the full-screen preview mode,click the upper right icon  to close the full-screen preview mode.

Click“Image Information”, the interface will pop up a image bar. See picture 4.6.

Picture 4.6 Image Information



Click “ the opening location”to enter the location to screenshot saved,
click “Delete”you could delete the selected screenshot.

5.The other function

5.1.The location to download video


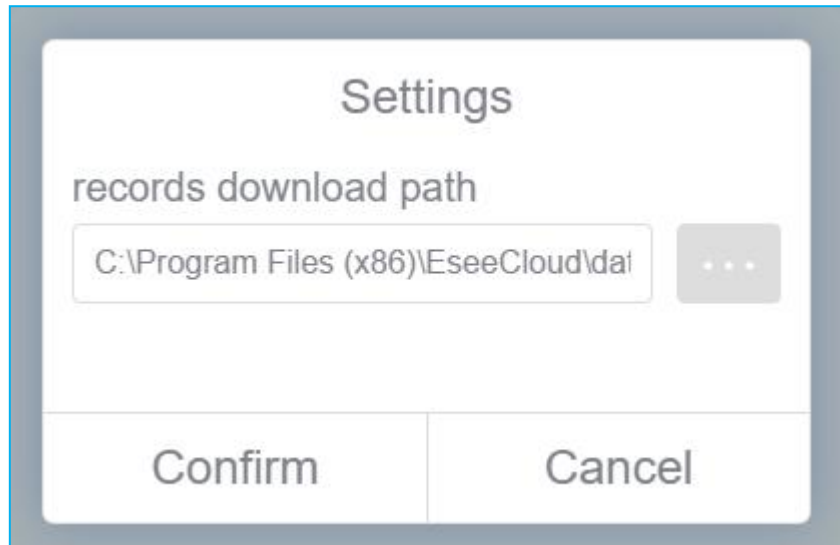

Click the upper right icon , see image 5.1.

Image 5.1 The location to download video



Click the icon  in device interface to revise the download location, click “Yes” to save.

5.2.User setup


Click the upper right icon  to start user setup, see image 5.2.

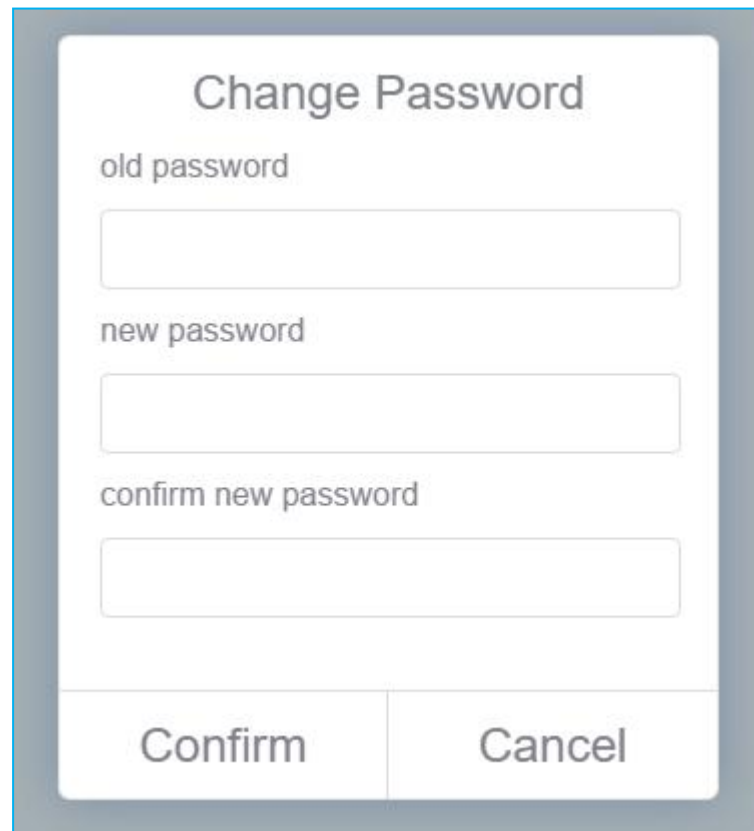
Image 5.2 User Setup



Click “Locker”, the program will be locked, the interface will pop up the login dialog, you need to type the password to realize unlocking. Click “Change Password” to enter the interface, you need to type the

correct original password and two time new password , click “Yes” to revise the password. See Image5.3.

Image 5.3 Change Password

A dialog box titled "Change Password" with a light gray background and a blue border. It contains three input fields: "old password", "new password", and "confirm new password". At the bottom, there are two buttons: "Confirm" and "Cancel".

Change Password


old password

new password

confirm new password

Confirm Cancel

5.3.Language Setup

Click the upper right icon  , you could switch “Simplified Chinese” to “English”. After switching languages successfully, you need to login again.

6. FQA

Preview

Q: How to preview the real time device?

A : Firstly, to add device, the detail operation, please refer to 2.2.
Secondly, after adding the device successfully, try to start preview operation, see 2.5.

Q: Why the real-time preview prompt connection failed?

A: 1.Please check if the device is online or not.

2. Please note if the device in preview and playback up to upper limit.
(some devices exist connection limit)

3. Please check if the network condition is fluent.

4. If no issues above, try to connect it again and again.

Q: Why the real-time views get stuck?

A : Please check if the operation environment could meet the requirements, if yes, try to upgrade the hardware or change a better video card.

Video

Q: Why couldn't research the video file sometimes?

A: 1. Please confirm if the device has been recorded successfully

2. Please check if the HDD status is normal

3. Please confirm if the selected date has recording

4. If no issues above, try to research again.

Q: During the playback, why the video sometimes get stuck?

A: 1. Please check if the network condition is fluent or not.

2. Please try to research the video again.

3. If no network issues, try to upgrade hardware or change a better video card driver.