

USER MANUAL

AntarVis Surveillance System

Version: 1.1.3

Date: May, 2018

About this manual

- Summary

AntarVis Surveillance System User Manual introduces the software features and configuration operation of AntarVis. Please go through this user manual before operating.

- Document conventions

The meaning of symbols hereinafter is as following:




Symbols	Statement
[]	"[]" refers interface, menu and data sheet, e.g. "[Add User] interface"
【 】	"【 】" refers button, e.g. "click 【OK】"
	Introduction: Make some complement explanation to the contents.
	Warning: Prompts the warning in order to avoid damage caused by improper operation.
	Note: Prompts operation notes in order to avoid data loss and device damage caused by improper operation.

TABLE OF CONTENTS

About this manual	1
<input type="checkbox"/> Summary	1
<input type="checkbox"/> Document conventions	1
1. Introduction	4
1.1 System Introduction	4
1.2 Configuration requirement	4
2. Program Installation	5
3. Quick Guide	7
3.1 Login CMS	7
3.2 Home Page Introduction	8
3.3 Device Management	8
3.3.1 Adding Device(s)	8
3.3.2 Deleting and Modifying Device	11
3.4 Group Management	12
3.4.1 Adding a group	12
3.4.2 Deleting Group	13
3.5 TV wall configuration	14
3.5.1 Add NVD	14
3.5.2 Add TV Wall	16
3.5.3 Modify TV Wall	21
3.5.4 Remove TV Wall	21
4. Video Surveillance	22
4.1 Real-time Video	22
4.1.1 Real-time preview	22
4.1.2 Local Video	23
4.1.3 PTZ Setting	24
4.1.4 Video-wall control	26
5. Video Playback	28
5.1 Video Playback	28
5.2 Video cut and download	30
6. E-Map	33
6.1 Adding Map	33
6.2 Edit Map	35
6.3 Add HotZone	36
6.4 Editing HotZone	37
7. Alarm Event	39
7.1 Event Center	39
7.2 Event Handling	39
8. Configuration Management	41
8.1 Basic Settings	41
8.2 File Setting	42

8.3	Plan Configuration	43
8.3.1	View Plan	43
8.3.2	Event plan.....	49
8.3.3	Alarm Subscription.....	54
8.3.4	TV-Wall Task	58
9.	Facial Recognition.....	63
9.1	Server configuration.....	63
10.	Slave Config.....	66
10.1	Slave config	66
10.2	Push Slave	69
11.	User Management.....	71
11.1	User Configuration	71
11.2	Software skin.....	71

1. Introduction

1.1 System Introduction

AntarVis is a professional surveillance system software which supports multi-user, multi-window and multi-language, voice talk, E-Map, alarm and etc. AntarVis is compatible with various access devices and it is a stable, reliable and easy to operate.

AntarVis is a software application for embedded network CCTV monitoring equipment including NVR, IP Camera, IP Dome, PC NVR, decoding device and AV decoding card, it can support real-time preview, remote configuration, recording, playback, alarm, electric map and etc.

- Simple Component Design: Multiple components can be installed in one PC for a highly integrated.
- 50 end users System: Add as much as 50 end users, fully meet the various system permissions management solution.
- Find back the password with the super user permissions batch function.
- Interface container processing mode: Elaborate method of container handling, simplifies the screen and single switch, significantly improved screen operation experience.
- Channel management mode: Add the channel management mode, adapt the IP monitoring more.
- Compatible with custom tools to generate configuration files.
- Consider more for UE: Provide visual image type control panel based on the UE, reverse the USES the required type.

Need only visible display mode: On client component interface elements, joined the need only visible display mode, the calendar, time, the toolbar, the system info, etc. to join the design pattern.

1.2 Configuration requirement

Minimum PC requirements to run AntarVis:

Table 1-1 lowest configuration

Parameter	Introduction
CPU	Intel Pentium IV 3.0 GHz or more
RAM	DDR3 1GB

HDD	Available space should be more than 10 GB
Operation System	Microsoft Windows 7, Microsoft Windows 8.1, Microsoft Windows 10
Display Resolution	Resolution above 1024×768, suggest to use resolution of 1280×1024 Hardware support version above DirectX9.0c

2. Program Installation

Installation procedure of AntarVis is shown as following:

Step 1: Double click on  AntarVis.exe.

Step 2: Complete the installation following the setup wizard, click **【Next】** as shown in below figure:

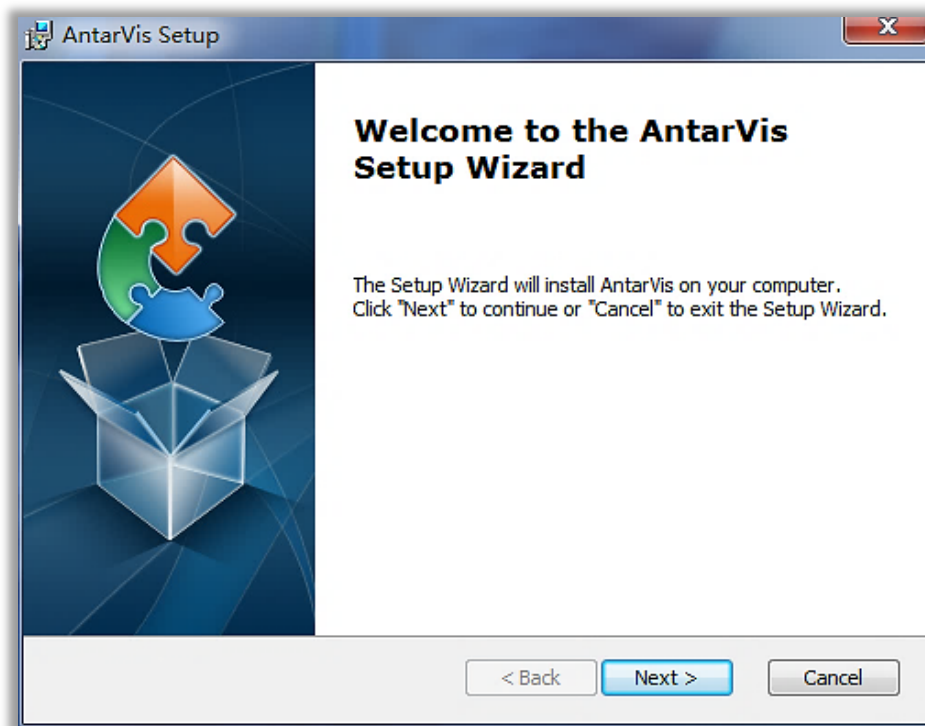


Figure 2-1

Step 3: System will pop up **【Select Installation Folder】** dialog box, as shown in Figure 2-2.

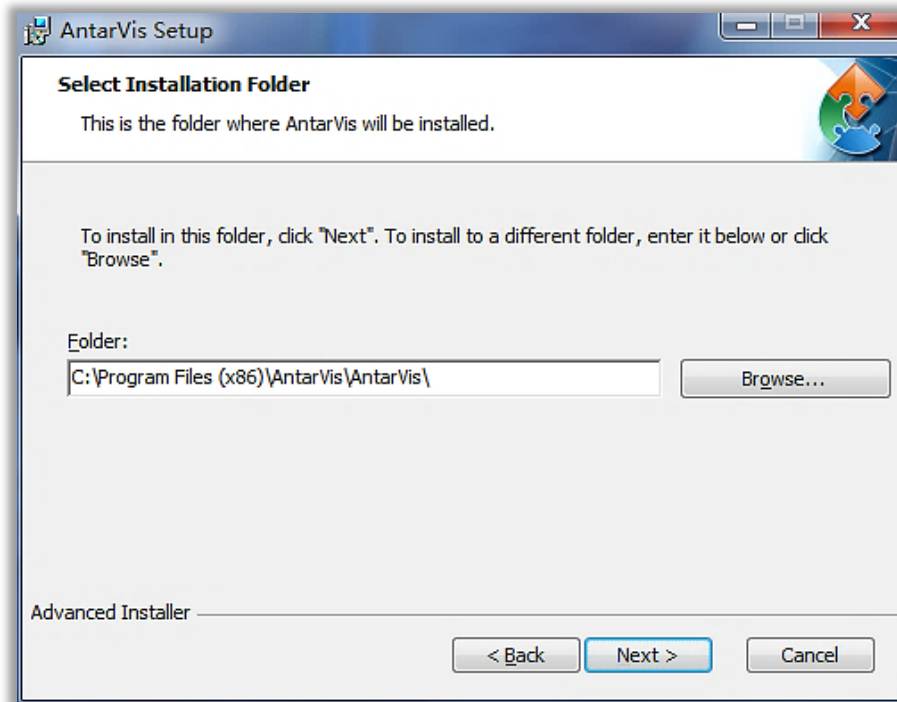


Figure 2-2

Keep the default installation directory selected or click **【Browse】** to select the path of your own choice.

Step 4: Click **【Next】**, system will popup [Install] dialog box, as shown in Figure 2- 3.

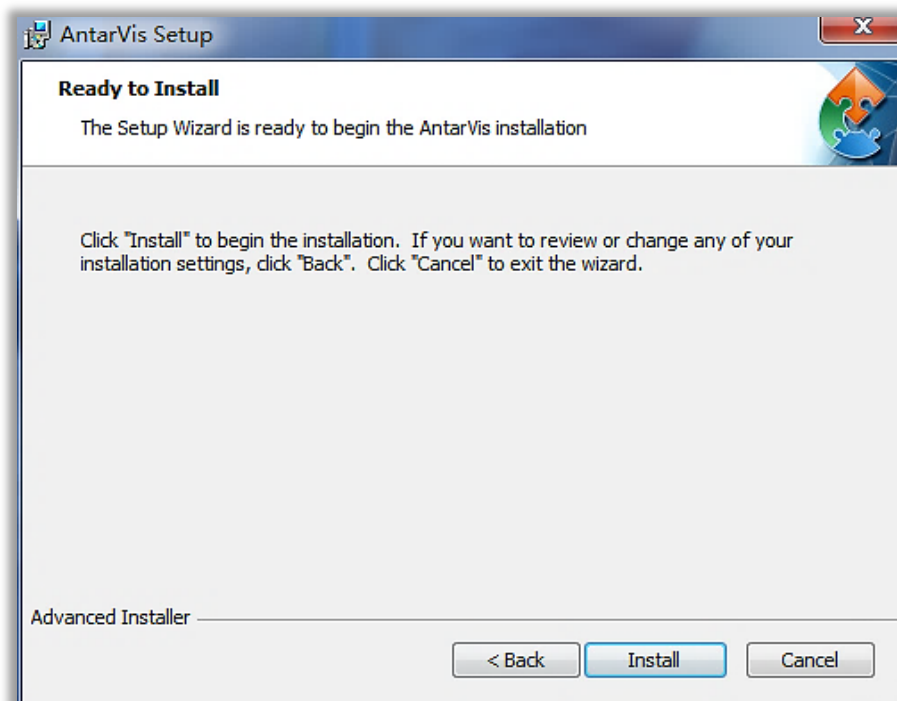


Figure 2-3

Step 5: Click **【Install】** as shown in above figure.

Step 6: After the installation is completed, you are prompted to "Click the **【Finish】** button to exit the Setup Wizard" interface as in figure 2-4 shows.

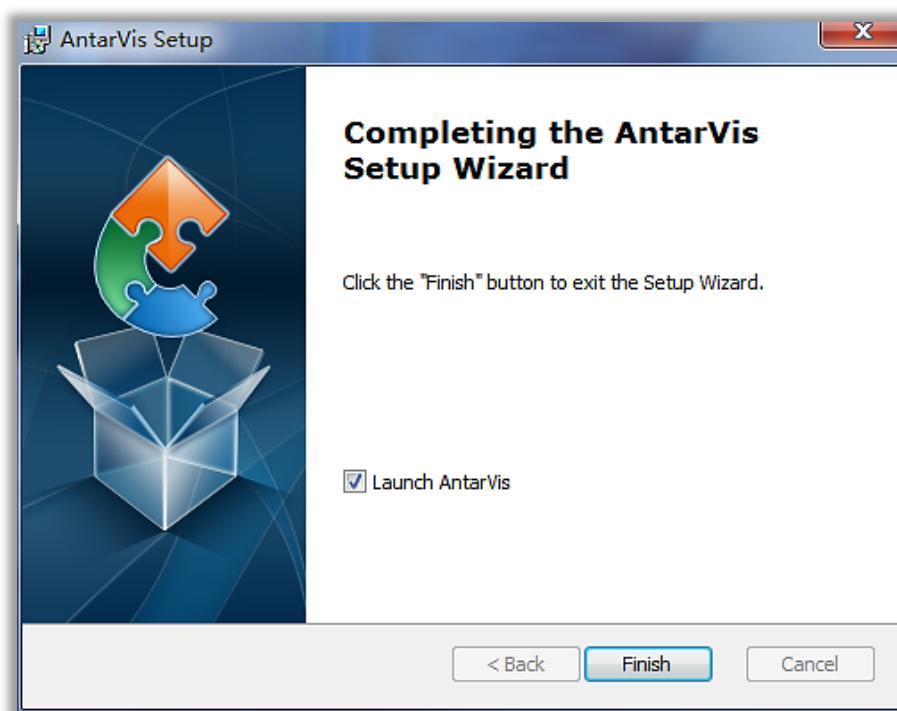



Figure 2-4

3. Quick Guide

3.1 Login CMS

Double-click  to run the program. Login page is displayed, as shown in figure 3-1. Input username and password. Click **【Login】** to start.

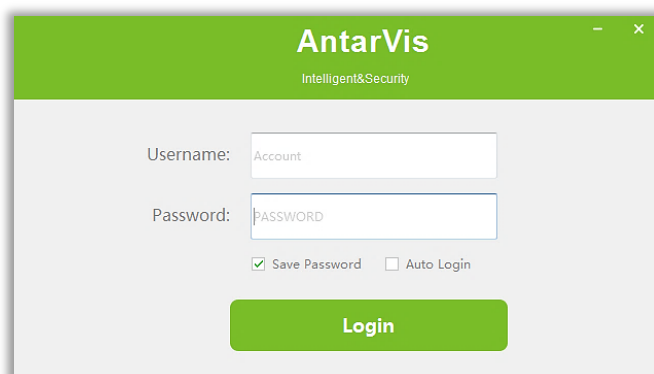


Figure 3-1 The client login

Check **【Save password】** and **【Auto login】** to log-in automatically on next log on.

3.2 Home Page Introduction

CMS homepage is displayed as shown in figure 3-2, it is divided into sub-window area, event statistics, setting, alarm event.

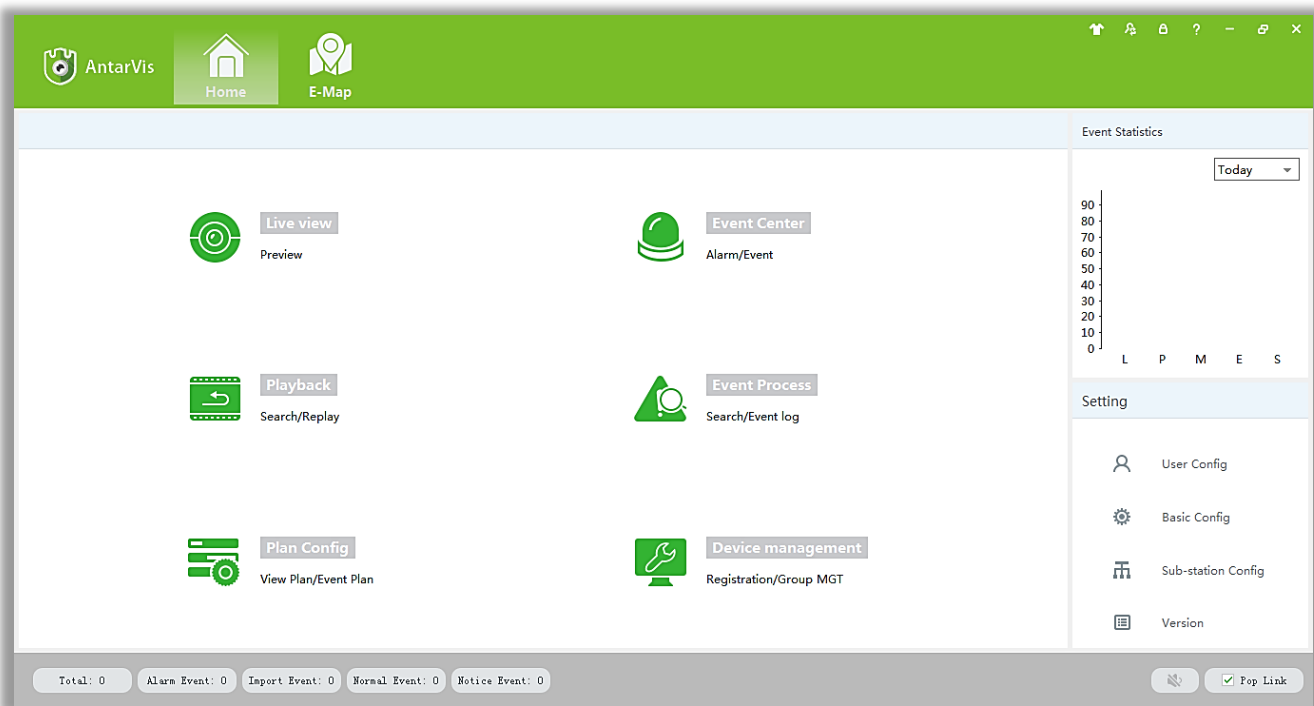



Figure 3-2 CMS homepage

Click  on the right corner interface to log-in using another username and password;

Click  on the right corner interface to lock the screen. Once the screen gets locked, you cannot operate the client. To unlock, on the lock screen, you need to input the current user name and password in the prompt box;

Click  on the right corner interface to minimized the client interface;

Click  on the right corner interface to enter full screen mode;

Click  on the right corner interface to exit the client.

3.3 Device Management

3.3.1 Adding Device(s)

On the initial interface of **【Resource】** module, you need to add device(s). “Device Online” column shows all online device on current LAN.

Method 1:

(1) Click **【Device】** → **【Add Device】** , as shown in figure 3-3:

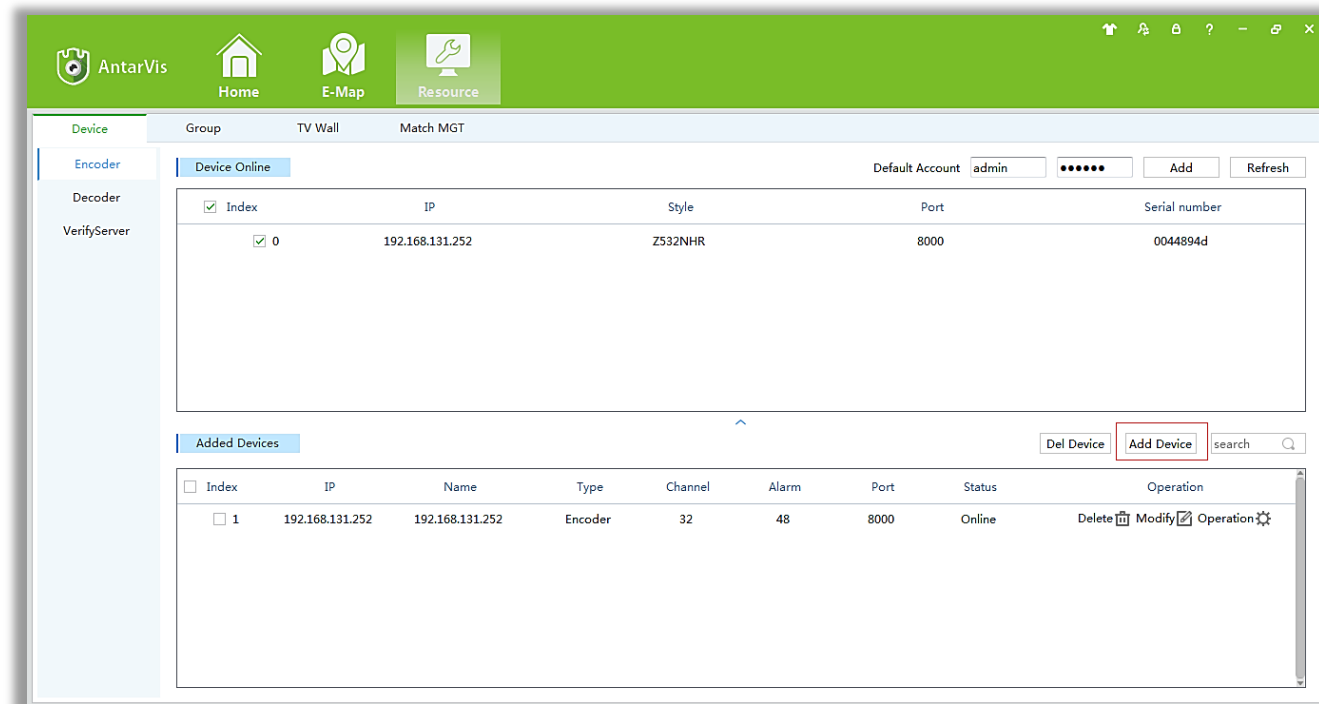
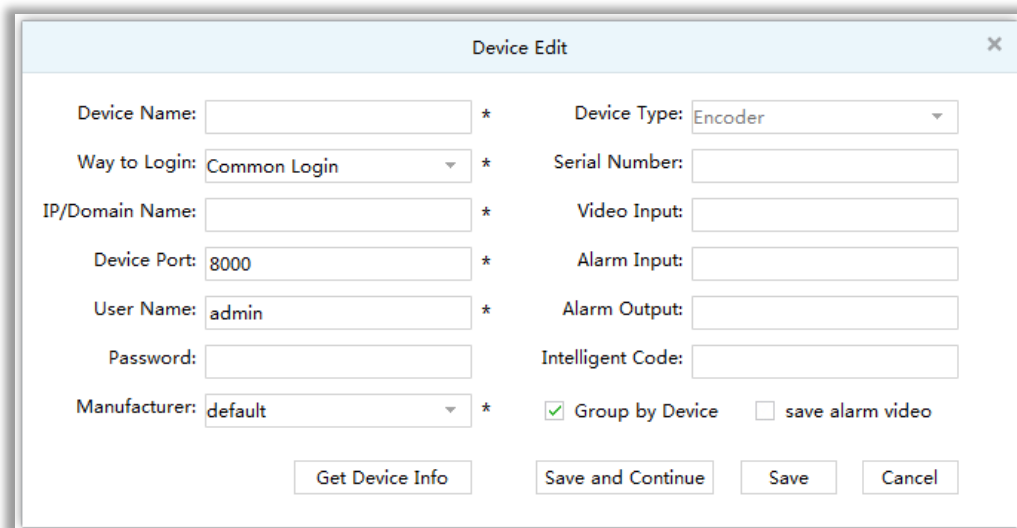


Figure 3-3 Resource Management

(2) Input the device information as in Figure 3-4, click **【Save and Continue】** to complete or click **【Save】** to continue adding device. Once the device gets added, you can view the device in the Managed Devices column:



The 'Device Edit' dialog box contains the following fields and controls:

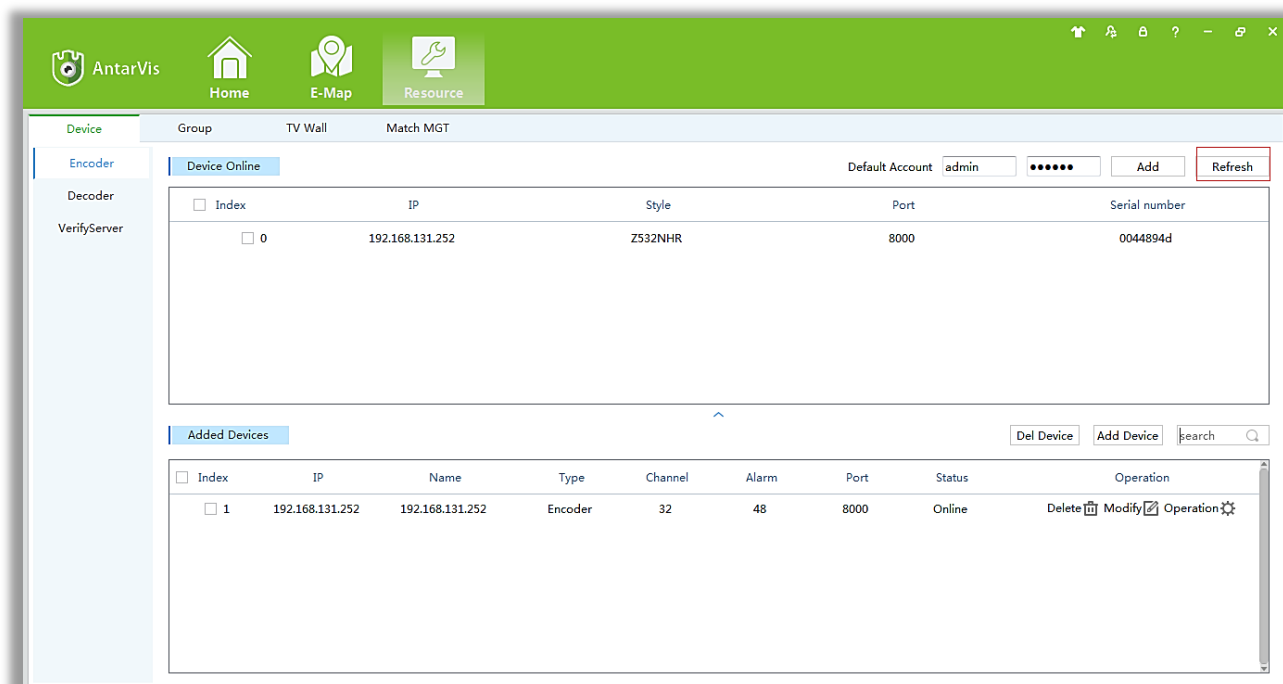
- Device Name: *
- Device Type: Encoder (dropdown) *
- Way to Login: Common Login (dropdown) *
- Serial Number: *
- IP/Domain Name: *
- Video Input: *
- Device Port: 8000 (text) *
- Alarm Input: *
- User Name: admin (text) *
- Alarm Output: *
- Password: *
- Intelligent Code: *
- Manufacturer: default (dropdown) *
- ☒ Group by Device
- ☐ save alarm video

Buttons at the bottom: Get Device Info, Save and Continue, Save, Cancel.

Figure 3-4 Device Edit

Method 2:

(1) Click **【Resource】** → **【Refresh】** , as in “Figure 3-5”:



The interface shows the 'Resource' tab with a 'Refresh' button highlighted. Below, the 'Device Online' list contains one device:

Index	IP	Style	Port	Serial number
<input type="checkbox"/> 0	192.168.131.252	Z532NHR	8000	0044894d

Below the 'Device Online' list is the 'Added Devices' section with a search bar and buttons 'Del Device' and 'Add Device'.

Index	IP	Name	Type	Channel	Alarm	Port	Status	Operation
<input type="checkbox"/> 1	192.168.131.252	192.168.131.252	Encoder	32	48	8000	Online	Delete <input type="checkbox"/> Modify <input checked="" type="checkbox"/> Operation <input checked="" type="checkbox"/>

Figure 3-5 Managed Devices

(2) The available online device(s) will appear in the Device Online list, select the required device and click **【Add】** , you will see added device in the “Added Devices”, list see “Figure 3-6”:

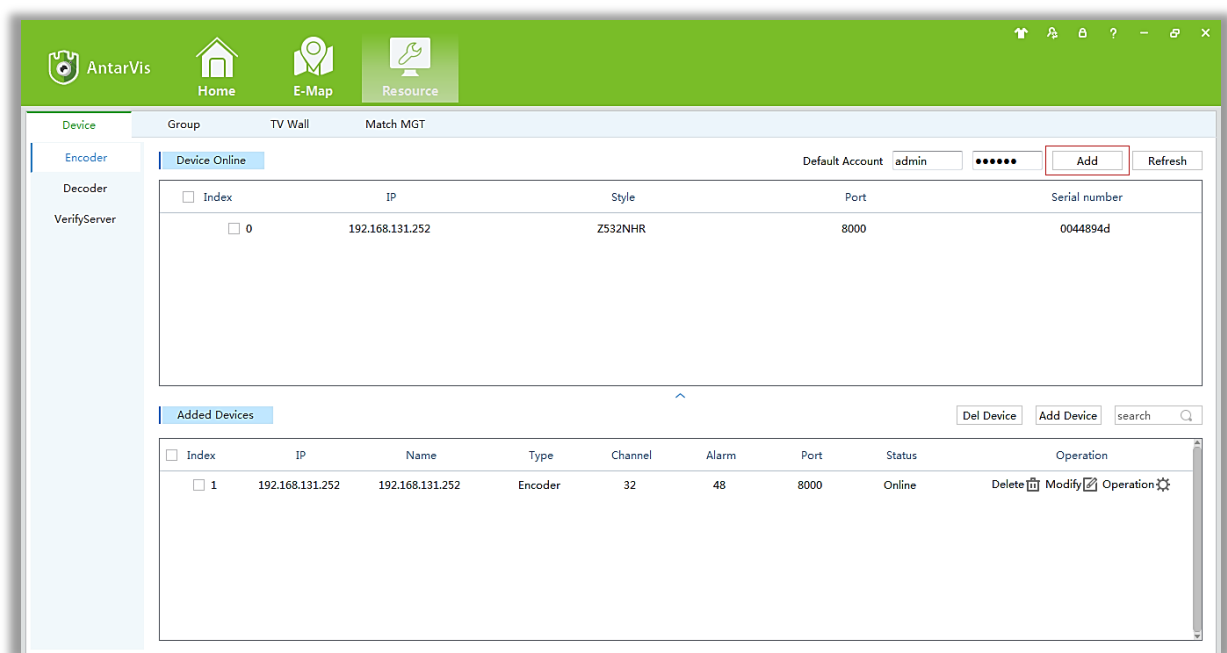


Figure 3-6 Added Devices

3.3.2 Deleting and Modifying Device

In [Devices Online] section click on [Add] to add a device. If you want to delete a device, then click . In [Added Devices] section choose the required device, then click to modify the device information as in figure 3-7:

Device Edit

Device Name: 192.168.131.252 * Device Type: Encoder

Way to Login: Common Login * Serial Number: 031158077187118178

IP/Domain Name: 192.168.131.252 * Video Input: 32

Device Port: 8000 * Alarm Input: 48

User Name: admin * Alarm Output: 0

Password: ***** Intelligent Code: 0

Manufacturer: default * ☐ save alarm video

Get Device Info Save Cancel

Figure 3-7 Add the device's network parameter

On this interface, user can change the device's parameter, like device's name, login type, device IP,

device port, username, password and manufacturer etc. Then input administrator's password and click "Save" to finish the parameter adding.

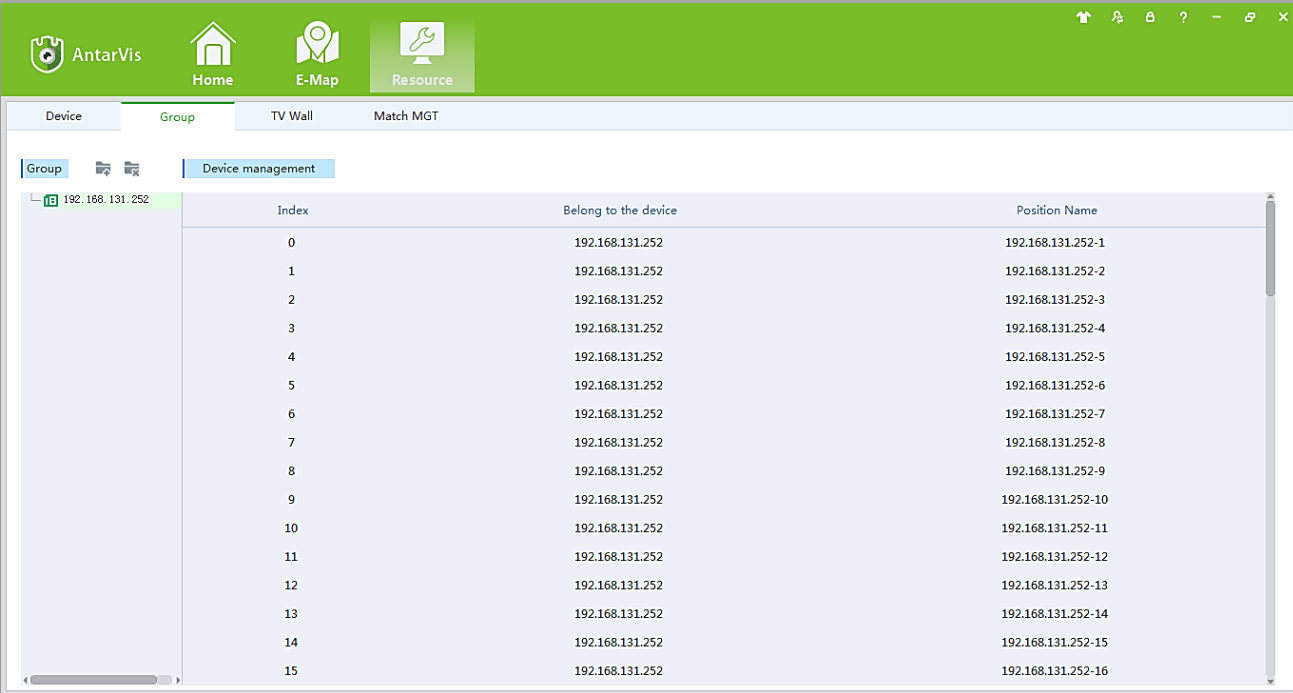
3.4 Group Management

In **【Resource】** section click **【Group】** to enter the group management interface.

System has two methods to add device group;

Method 1: Add a device in the device management by grouping devices by default group names for the device IP;

Method 2: Add a custom group in group management, you can combine multiple channels into a custom group of devices, and then rename the channel name as in figure 3-8:




The screenshot shows the 'Group' management interface in the AntarVis software. The top navigation bar includes 'AntarVis', 'Home', 'E-Map', and 'Resource'. Below this, there are tabs for 'Device', 'Group', 'TV Wall', and 'Match MGT'. The 'Group' tab is active, and a 'Device management' sub-tab is also visible. A table displays a list of device groups, each identified by an IP address (192.168.131.252) and an index from 0 to 15. The table has three columns: 'Index', 'Belong to the device', and 'Position Name'. The 'Position Name' column lists specific channel identifiers for each index.

Index	Belong to the device	Position Name
0	192.168.131.252	192.168.131.252-1
1	192.168.131.252	192.168.131.252-2
2	192.168.131.252	192.168.131.252-3
3	192.168.131.252	192.168.131.252-4
4	192.168.131.252	192.168.131.252-5
5	192.168.131.252	192.168.131.252-6
6	192.168.131.252	192.168.131.252-7
7	192.168.131.252	192.168.131.252-8
8	192.168.131.252	192.168.131.252-9
9	192.168.131.252	192.168.131.252-10
10	192.168.131.252	192.168.131.252-11
11	192.168.131.252	192.168.131.252-12
12	192.168.131.252	192.168.131.252-13
13	192.168.131.252	192.168.131.252-14
14	192.168.131.252	192.168.131.252-15
15	192.168.131.252	192.168.131.252-16

Figure 3-8 Group Management

3.4.1 Adding a group

User may require to create a new group which need to be added to the specified channel grouping. Specific steps to add group are as follows:

Step 1: Click Add Group  in the group management interface, a pop up for Group Set dialog box, is shown as in Figure 3-9:

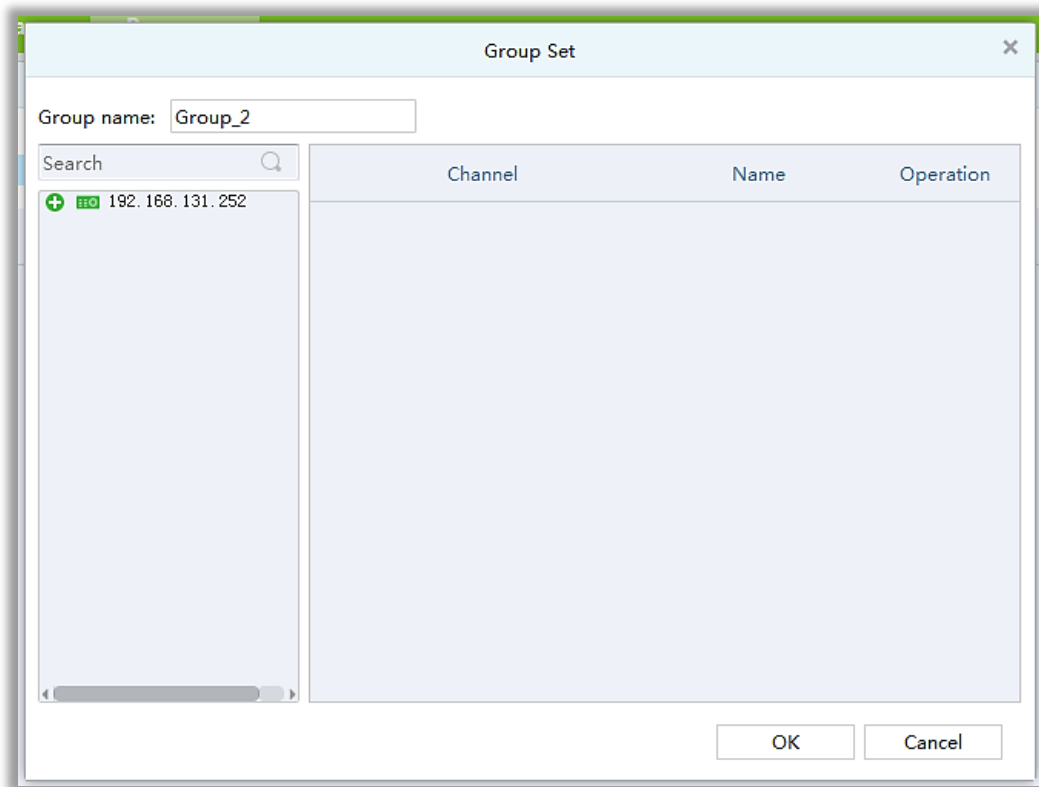



Figure 3-9 Add a Group

Step 2: Click  to expand the already added devices list in the system, select custom group name which needs to receive the channel, drag the mouse to group resource list on the right and the channel with the same name in the name column.

Step 3: Click **【OK】** to add the group.

3.4.2 Deleting Group

Remove grouping specific steps are as follows:

Step 1: On the group management interface, click Delete  , a pop-up appears as shown in Figure 3-10:

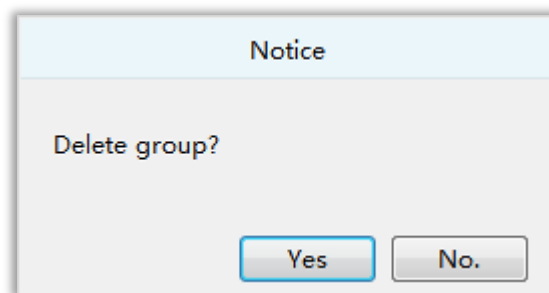


Figure 3-10 Delete Group

Step 2: Click **【Yes】** to confirm your choice to complete the group deletion.

3.5 TV wall configuration

3.5.1 Add NVD

In **【Device】** section click **【Decoder】** and select the “Decoder” class as shown in Figure 3-11.

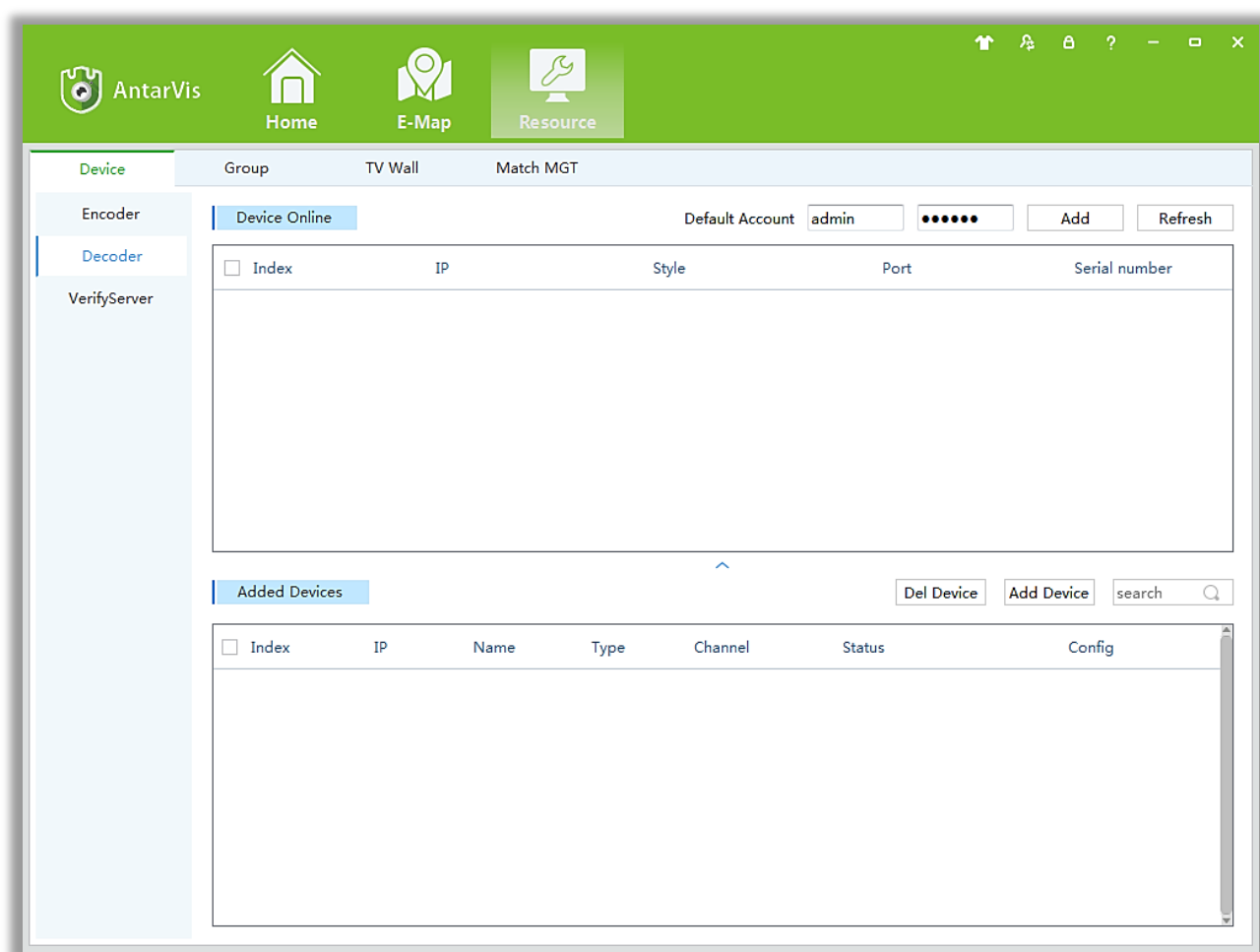


Figure 3-11 Add an NVD

Note: NVD3132 types can be added as per above method.

NVD0106 types can be added as per the below steps.

Step 1: The process of adding encoder is similar to device adding process as the master to the list of managed devices, (manage devices in the list to display only as a master device).

Step 2: Click on the device and “Operate” buttons, a pop-up configuration window will appear, you

can configure the master node, as shown in Figure 3-12:

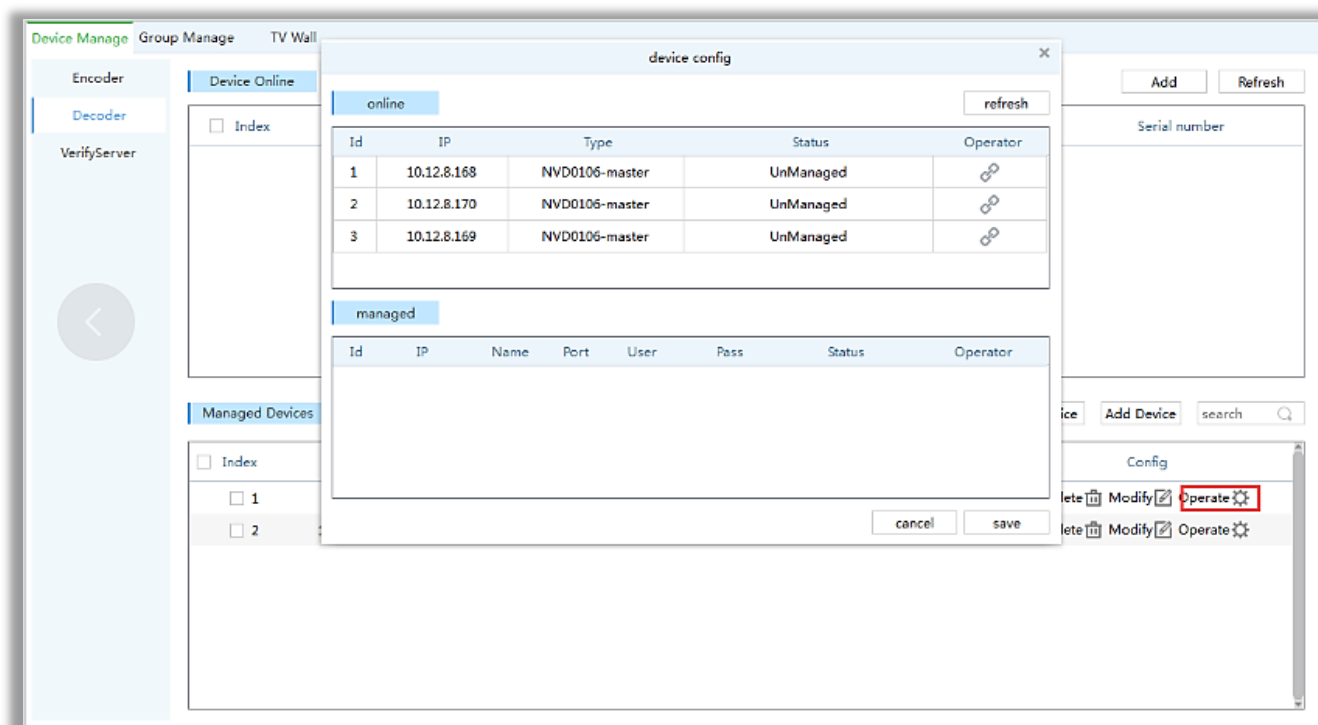


Figure 3-12 Decoder device configuration

Step 3: Online equipment list displays the current devices which can be added as a child node in the network, click on the link button of the device to add it as a child node, as shown in Figure 3-12:

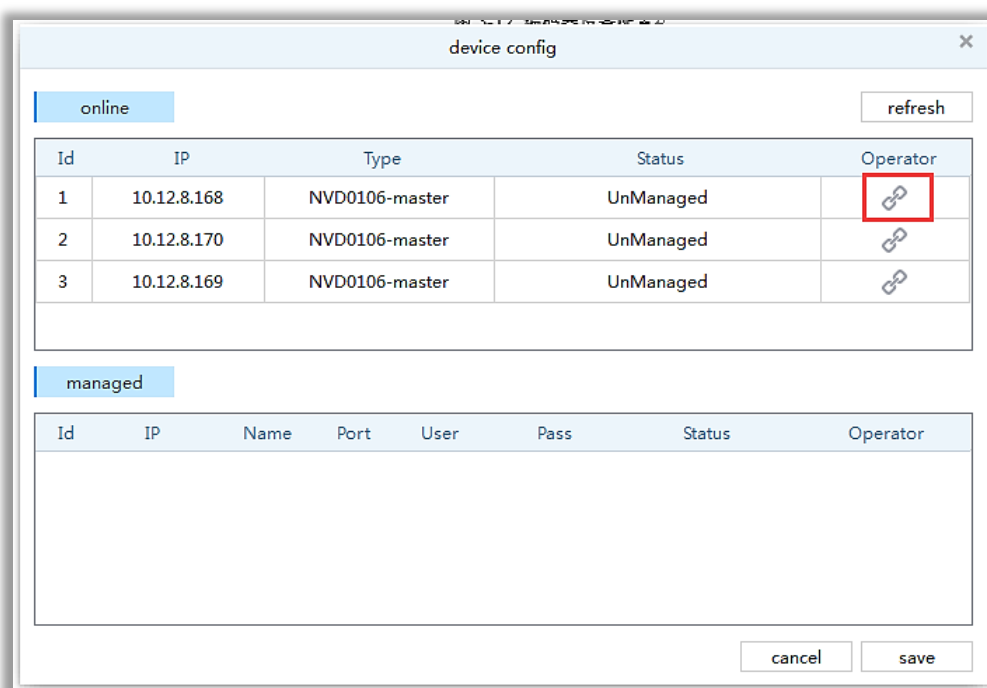


Figure 3-13 The associated child nodes

Step 4: Management in the device list, click modify  to make changes to the device information.

Click on the cancel button  to remove associated node:

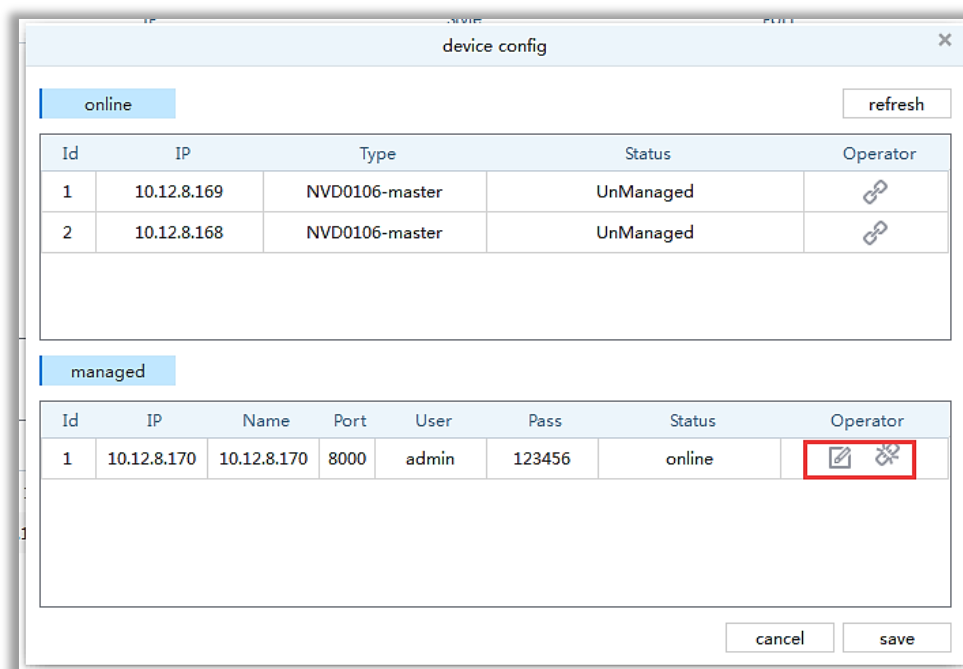


Figure 3-14 Associated child nodes changes and cancellations

Step 5: Click the Save button to complete the node configuration.

3.5.2 Add TV Wall

As per user's requirements, a new TV wall can be added. Specify decoder channel logical mapping with the physical display.

In **【Resource】** click **【TV Wall】** to enter the video wall configuration interface as shown in figure 3-11:

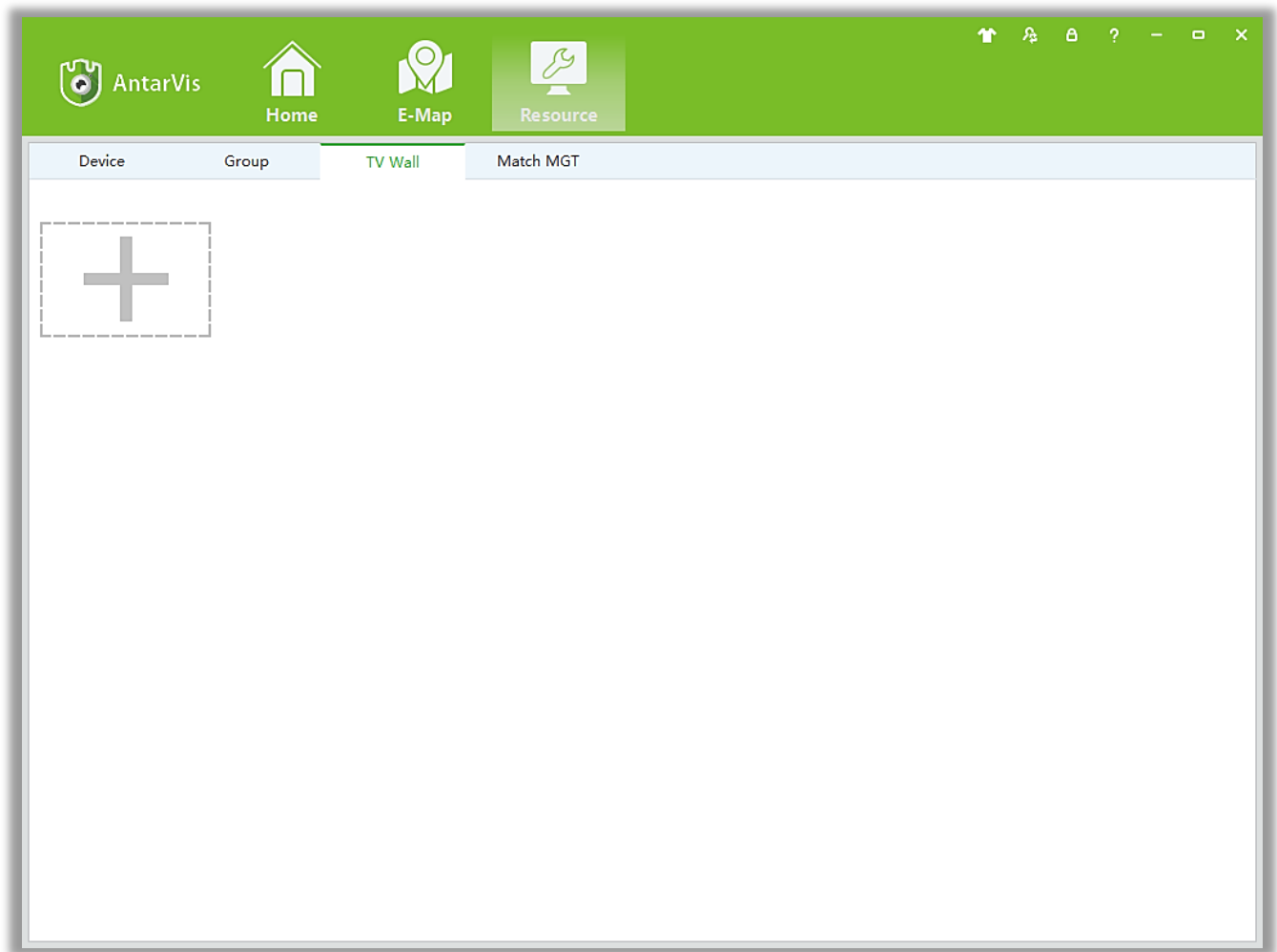


Figure 3-15 TV wall configuration interface

Adding TV Wall steps are as follows:

Step 1: Click on the TV Wall configuration interface . Adding interface will pop-up as shown in figure 3-16:

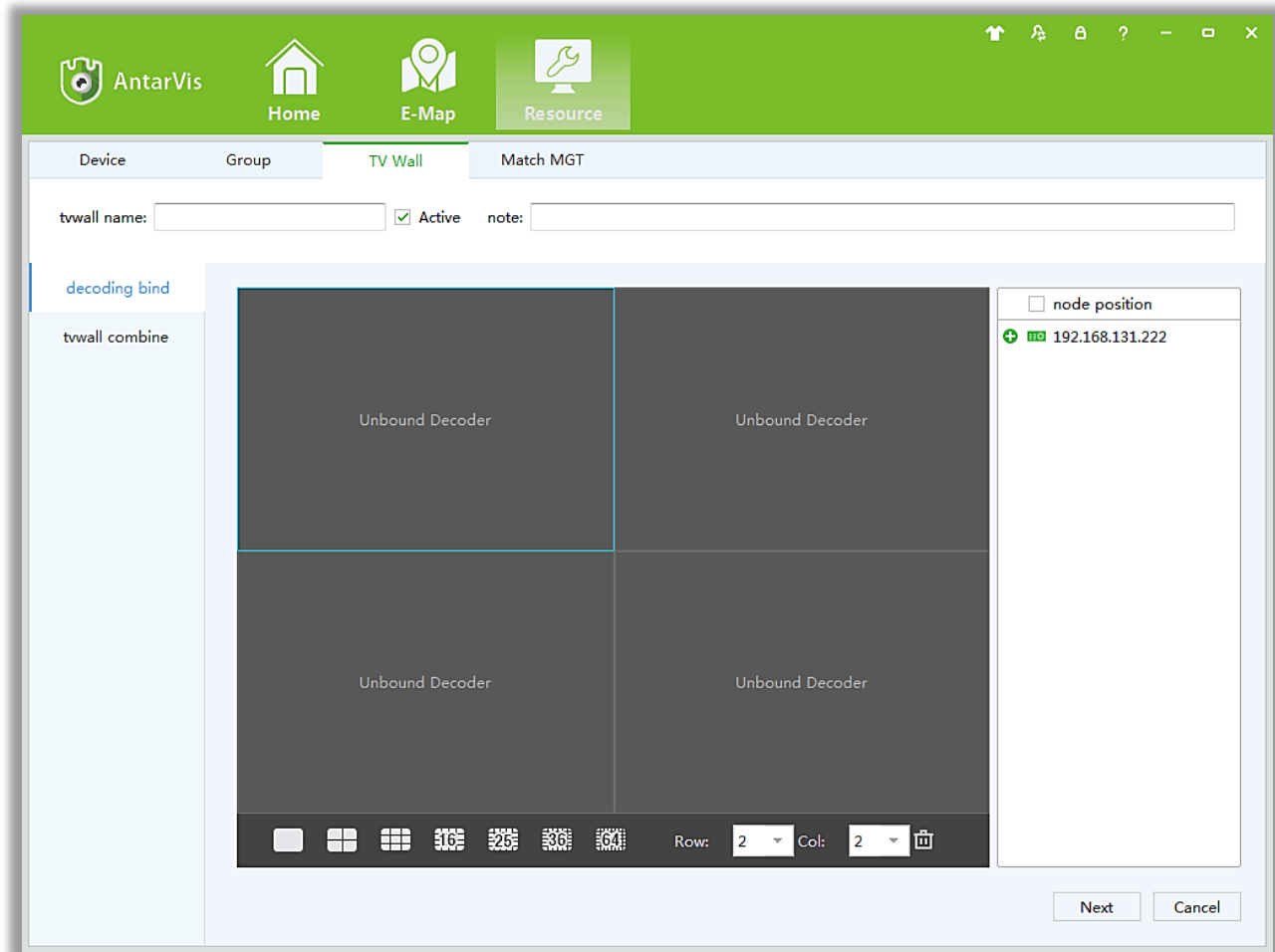


Figure 3-16 New TV Wall - Step 1

Step 2: Input name for the TV wall, and tick the “Active” box to enable, select screen layout based on physical screen layout;

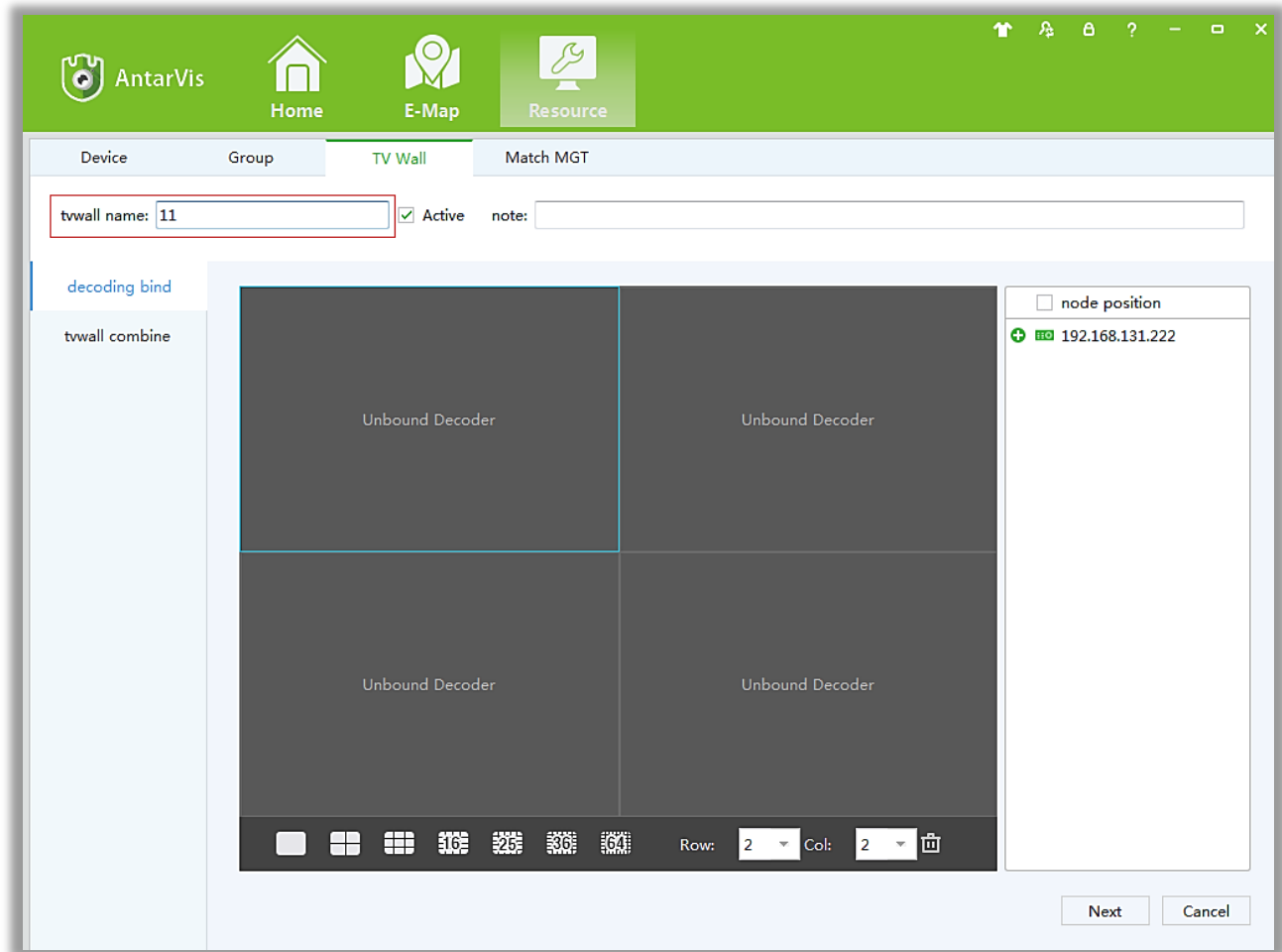



Figure 3-17 New TV Wall – Step 2

Step 3: Click  to expand the list **【Location】**, large screen real decoder and screen physical connection, by physical connection, select Decoder response in the list, drag the mouse to the corresponding screen, complete the mapping relations;

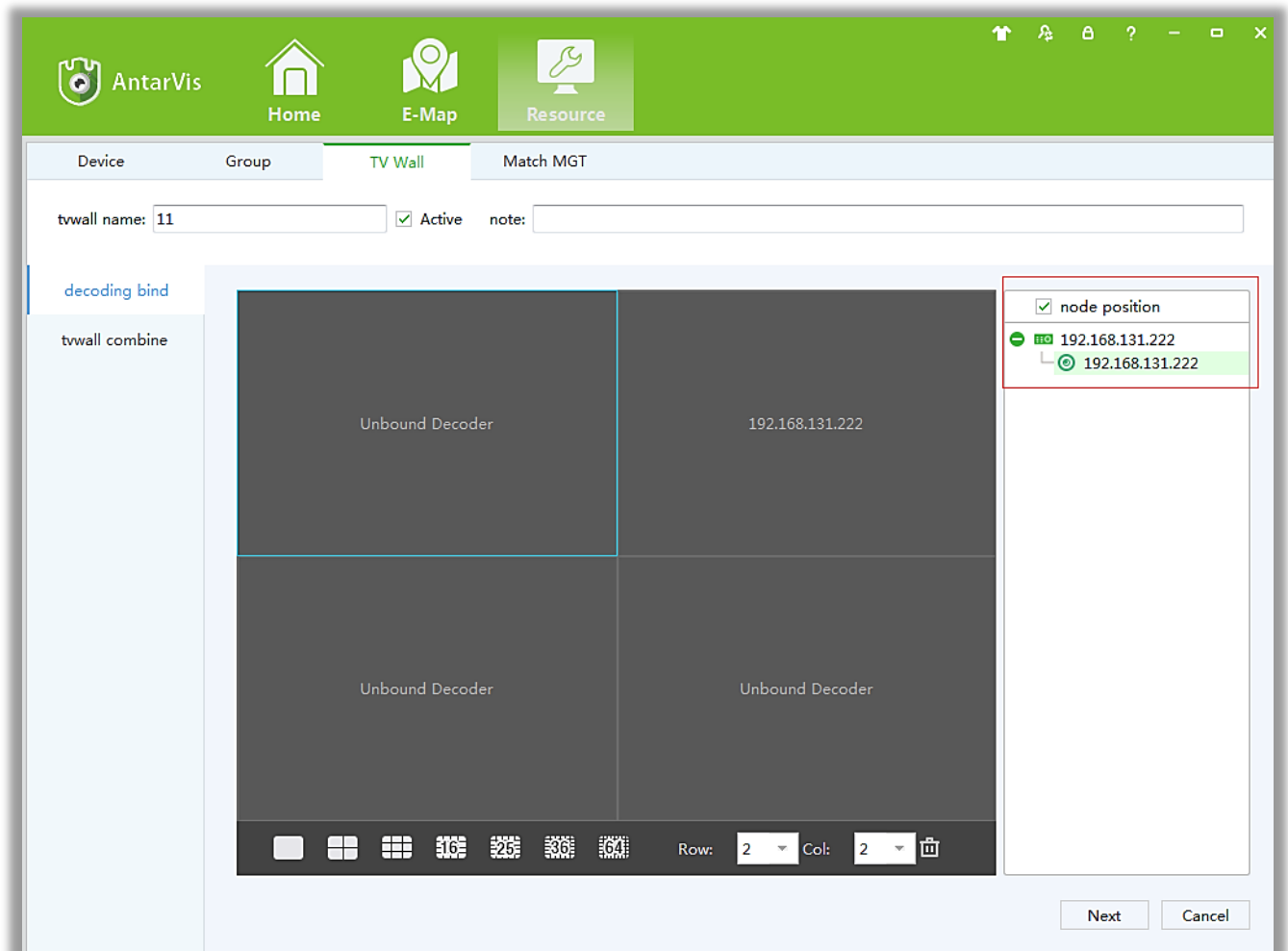




Figure 3-18 New TV Wall – Step 3

Step 4: Click **【Next】**, drag the left mouse button onto the adjacent physical screen, select "  " physical screen into a virtual concatenation of adjacent screen select mosaic screen. You can click on "  " to split screen;

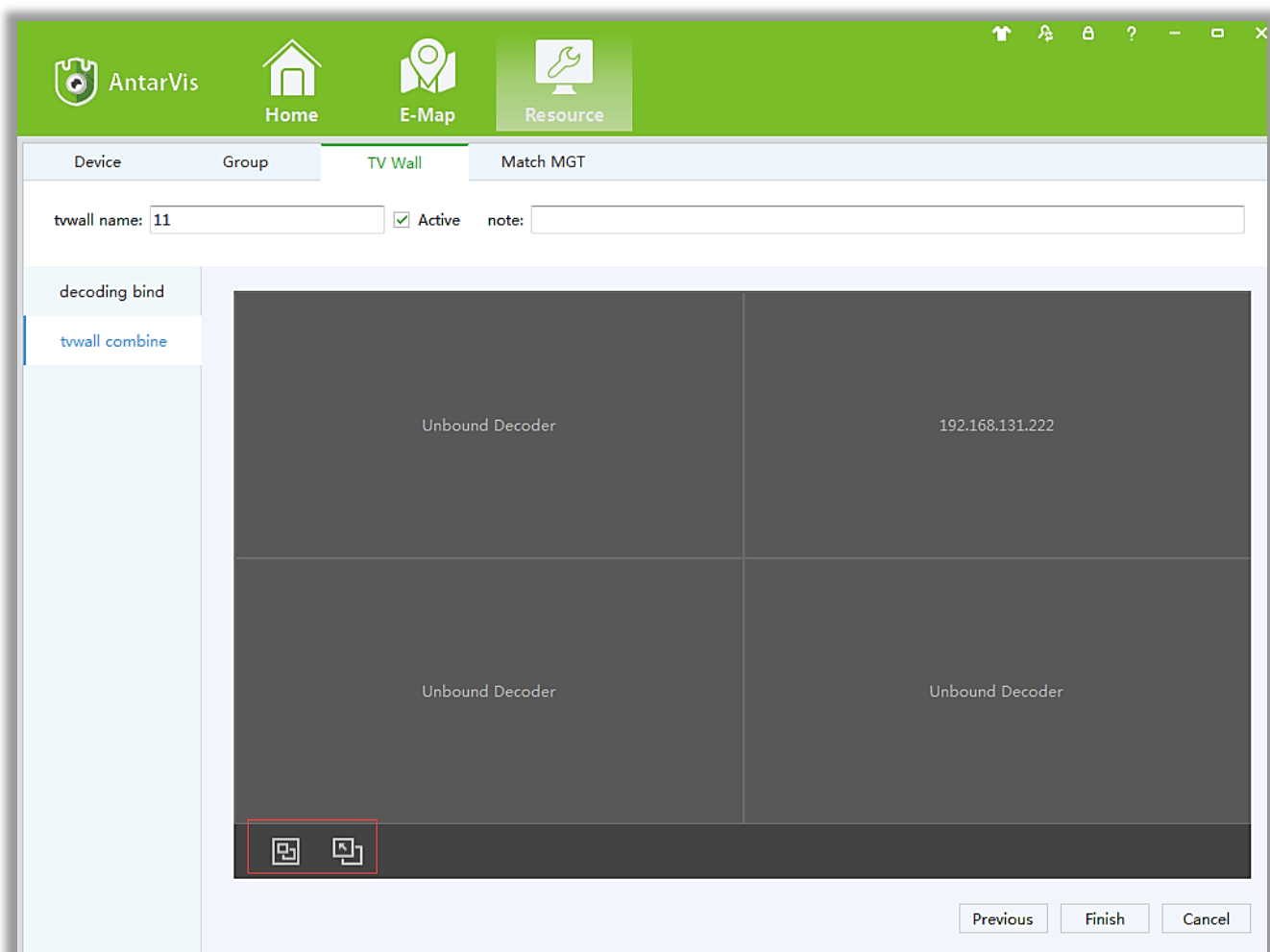


Figure 3-19 New TV Wall –step4

Step 5: Click **【Finish】** to complete the video wall configuration.

3.5.3 Modify TV Wall

Click on  icon to enter TV Wall interface modification interface.

3.5.4 Remove TV Wall

Click "  " to delete existing video wall.

4. Video Surveillance

4.1 Real-time Video

AntarVis support real time preview, local recording, snapshot, PTZ control etc.

4.1.1 Real-time preview

Steps are shown as below:

Step 1: Click **【Live view】** in main page, the system will show the preview interface;

Step 2: In the device list at the right side of interface, choose the channel and drag it on the video window. It will show the preview interface in video window. See below figure 4-1.

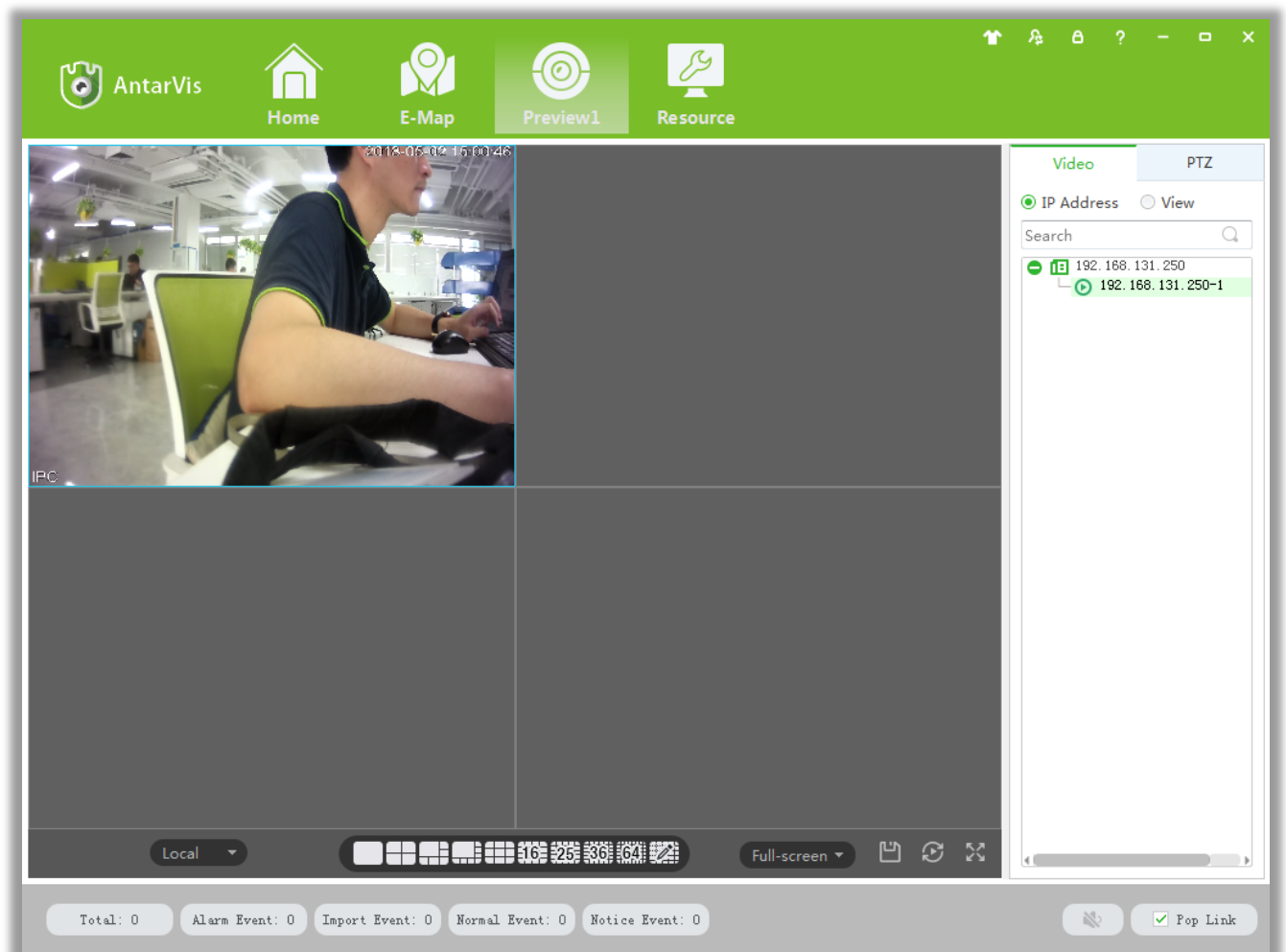









Figure 4-1 Real-time Video

No.	Item	Description
1	Stream Info	Shows the channel stream information
2	Shortcut Operations	<ul style="list-style-type: none"> •  PTZ: It controls operations such as direction up, down, left, right, upper left, upper right, left blew, right blew; • Recording: Turn on or turn off (Recording file will be saved at the default software local recording path); •  Capture: It captures current channel image (capture file will be saved at the default software local capture file path); •  Recording playback: Used for current channel video; •  Region image: Turn on or turn off electric enlargement; •  Talkback: Turn on or turn off pronunciation talkback; •  Voice: Turn on or turn off audio.
3	Local	Used for switching between local and video wall.
4	Picture segmentation mode	Used to set screen segmentation mode.
5	Aspect Ratio	Used to adjust picture size to original ratio or fit window
6	Save View	<p>Saves current window layout and opened video source as the same image plan.</p> <p>After saving image plan, it can be performed at view plan of 【Plan Configuration】</p>
7	Wheel Guard	Turn on or turn off current channel wheel guard
8	Full Screen	Switches Video Window to full screen, double-click video window or press Esc or click right click to choose "Exit full screen".
9	Device	Displays equipment and channel.
10	PTZ	Used to set PTZ preset point, point to point wheel guard and auxiliary function.

4.1.2 Local Video

Recording operation step:

Step 1: Click video window  at the bottom right of real-time preview or right click to choose **【Open Recording】**.

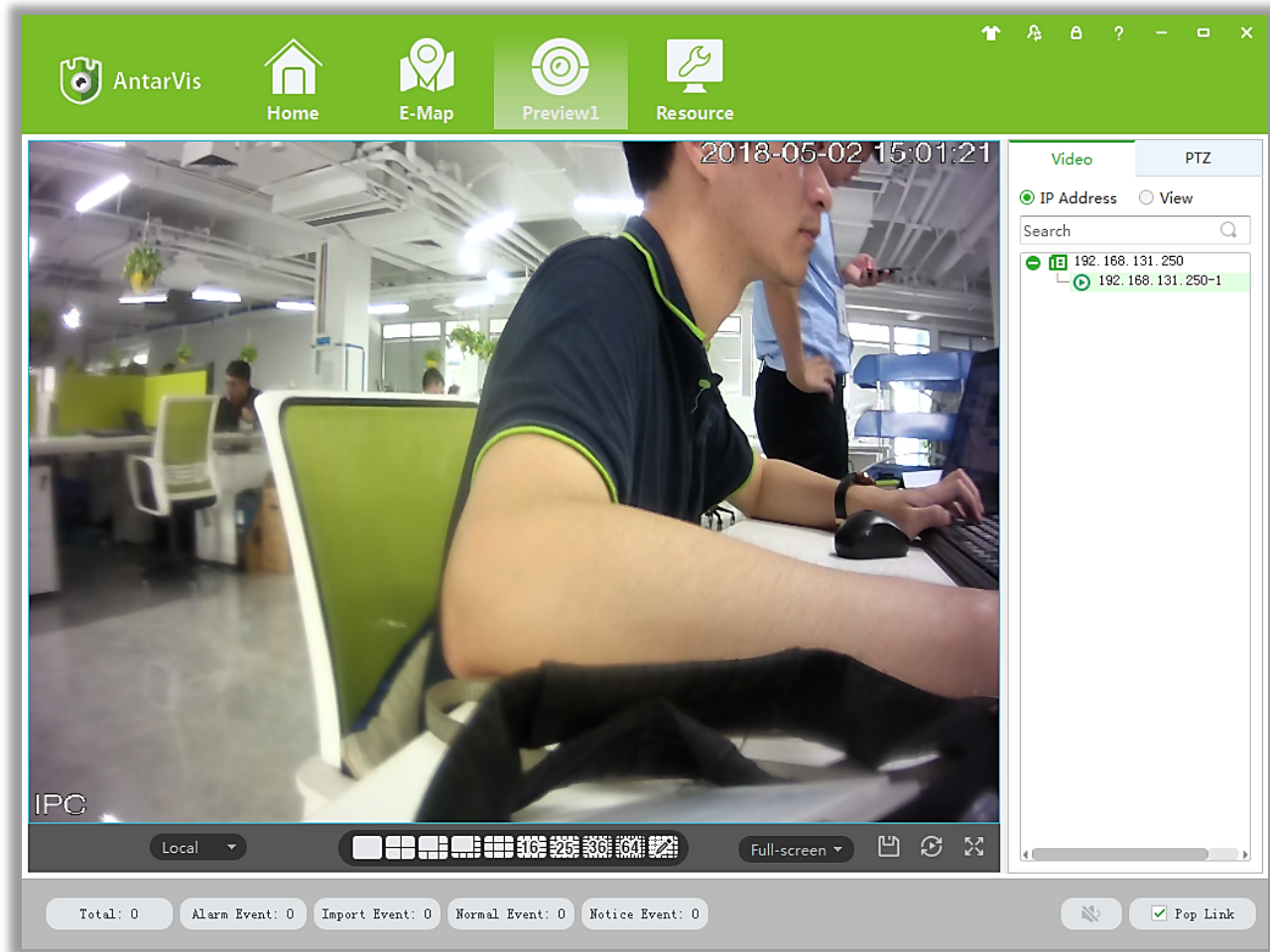



Figure 4-2 Local video

Step 2: Once recording is finished, click  or right click and choose [Close recording].

: Statement: Modify image default save path under **【Basic setting】** → **【Document setting】** → **【Recording Setting】** .

4.1.3 PTZ Setting

You can achieve full range monitoring for speed dome camera by setting PTZ direction, preset point and point to point wheel guard.

It can preview speed dome camera monitoring image, click speed dome camera preview interface and the PTZ tabs at right side of the interface, the system displays PTZ interface, as shown in figure 4-3.

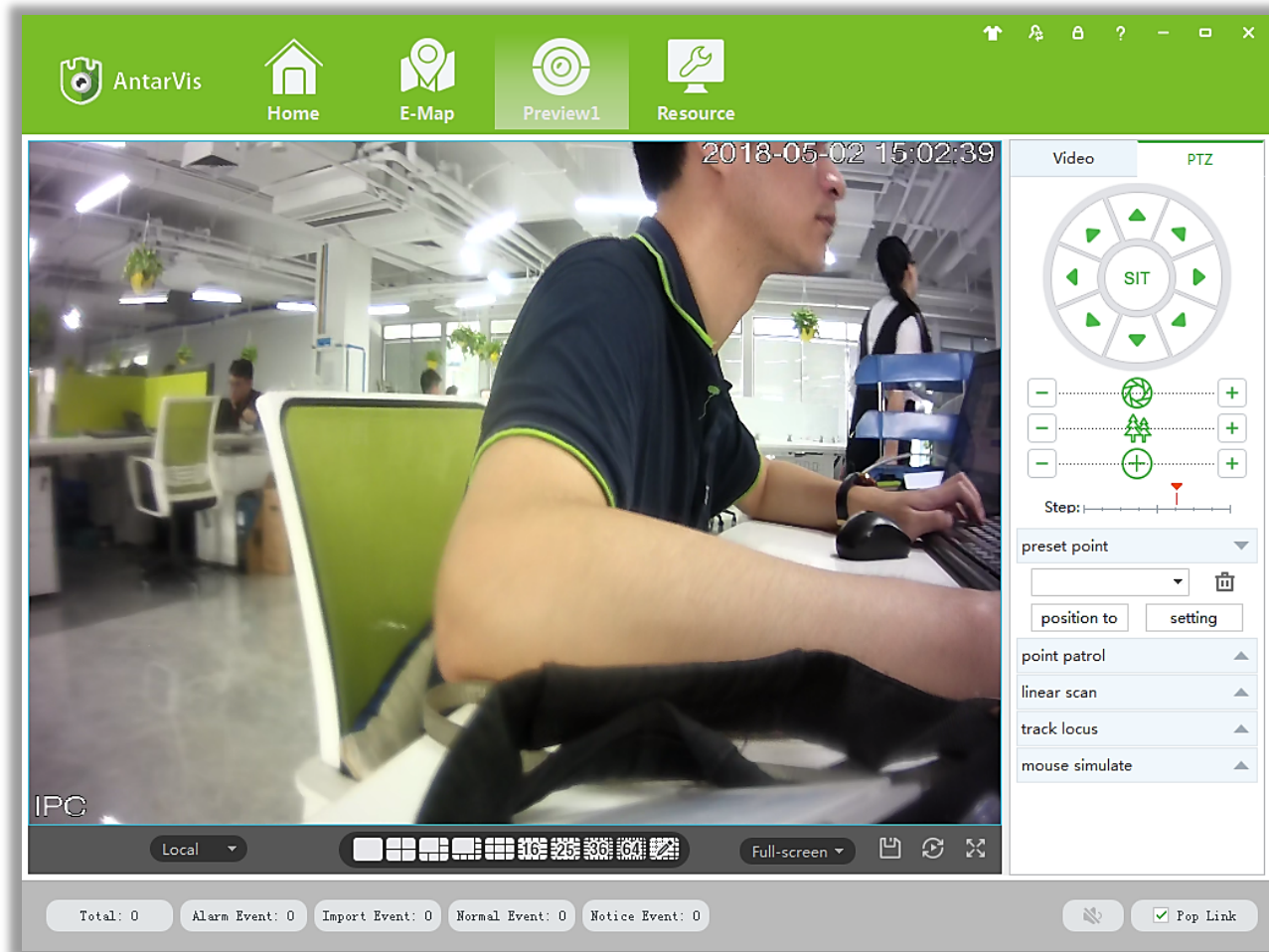


Figure 4-3 PTZ control

Parameters	Description
3D Positioning	Open【3D Positioning】, PTZ is controlled by mouse relative position in preset window.
Mouse Simulating	Mouse is used to control eyeball camera. (the effect is same as 【Open PTZ】)
Direction key	Eight directions PTZ operation can be achieved; up down left right upper left upper right, bottom left, bottom right.
SIT three-dimensional positioning	If you click at one point on video monitor interface, PTZ will turn to the point, and the point will move to middle point of screen. It supports zoom function, use mouse to drag in the monitor screen interface, drag frame supports 1-36 anamorphosis, pressing on mouse from upper left to bottom right, will make it larger, pressing on mouse to drag from bottom right to upper left, will make it small. The frame size will be smaller, the multiple will larger, otherwise will be smaller. This function just only uses mouse to control.
Step length	Used for PTZ turning speed, it can achieve 1-8 different turning step length setting.
Zoom	Controls speed dome camera and can perform zoom operation.

Focusing aperture	It can focus control, adjust the clarity, speed dome camera aperture and brightness
Preset	Use direction button to turn PTZ to the required position, input preset result in preset frame, and save.
Point to point wheel guard	It can achieve different wheel guard auto carry out.
Aux Function	Light on/off, Aux1 on/off, Aux2 on/off.

Preset Setting:

Step 1: Moving camera to target position by clicking Direction Key;

Step 2: Click preset point tabs;

Step 3: Input preset point name,;

Step 4: Click Setting, current monitoring area of the camera will be one preset point;

Set other preset at drop-down menu by clicking [Position].

Cruise Setting:

Step 1: Click [Cruise];

Step 2: Click **+**, [New Cruise] box pop up;

Step 3: After parameter setting, click [Save], See figure 4-4:

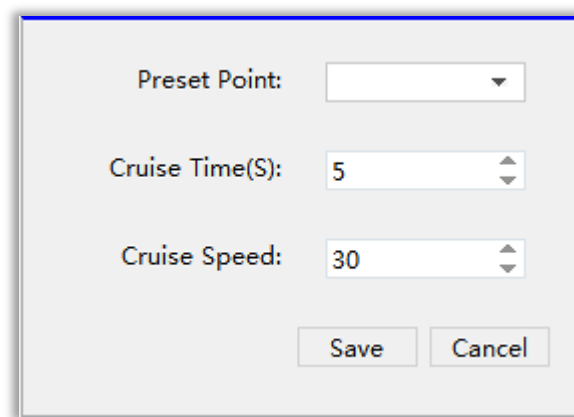


Figure 4-4 New Cruise

Select cruise at Cruise between points tab, click ► to start Cruise; Click  to modify setting of cruise line.

4.1.4 Video-wall control

Real-time monitor, click the workspace selection drop down menu, select "extended screen", enter the

video-wall control interface.

Video wall operation logic equivalent local real-time preview.

5. Video Playback

Recording could be searched by filtering channel, time and different type, and replay/edit.

5.1 Video Playback

Detailed playback operation steps:

Step 1: Click [Playback] (see Figure 3-2, section 2), it will show **【Playback】** interface as in figure 5-1:

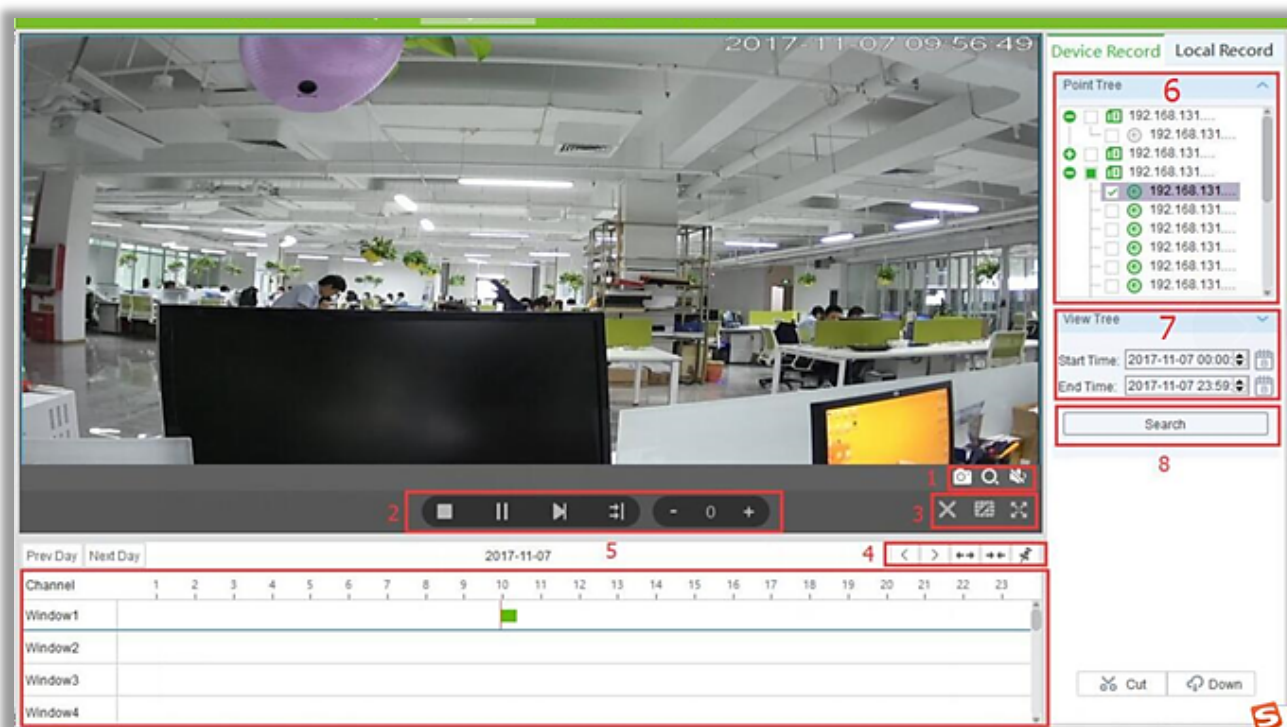










Figure 5-1 Video playback

No	Item	Description
1	Shortcut Key	<ul style="list-style-type: none"> ● Screenshot: It takes picture of current recording; ● Area Image: Elec-amplify on/off; ● Voice: Adjust voice of current recording.
2	Play Toolbar	<ul style="list-style-type: none"> ● Stop: It stops playback of current channel; ● Pause: Pause/play on current channel; ● FF: Fast forward on current channel; ● Synchronization: Multi-channel replay Synchronization; ● Slow down: It slows down replay on current channel; ● Speed up: It speeds up replay on current channel.

3	Window Shortcut	<ul style="list-style-type: none"> ●  Stop all: It stops all replay; ●  Division: Division current replay user-defined; ●  Full Screen: Used to switch to Full Screen.
4	Time Schedule Control	<ul style="list-style-type: none"> ●  Left: Time schedule move left; ●  Right: Time schedule move right; ●  Zoom in: Time schedule unit amplification; ●  Zoom out: Time schedule unit reduced; ●  Watermark: Watermark for current recording.
5	Time Schedule Bar	Choose replay position on current channel.
6	Point Tree	Device/channel display.
7	View Tree	Date of recording
8	Advanced Search	Recording searching.
9	Video Cut/Download	Cut/Download Video.

Step 2: Select the required device or channel at upper right side.

Step 3: Choose Start and End time, and then click [Search].

Available recording will be shown at time schedule bar after searching, as shown in figure 5-2:

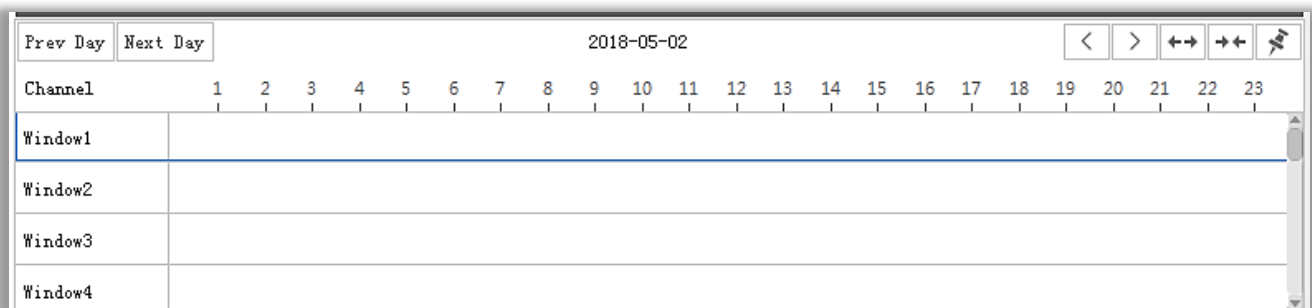


Figure 5-2 Recording search

Step 4: Choose target channel, click , to view recording replay, see figure 5-3

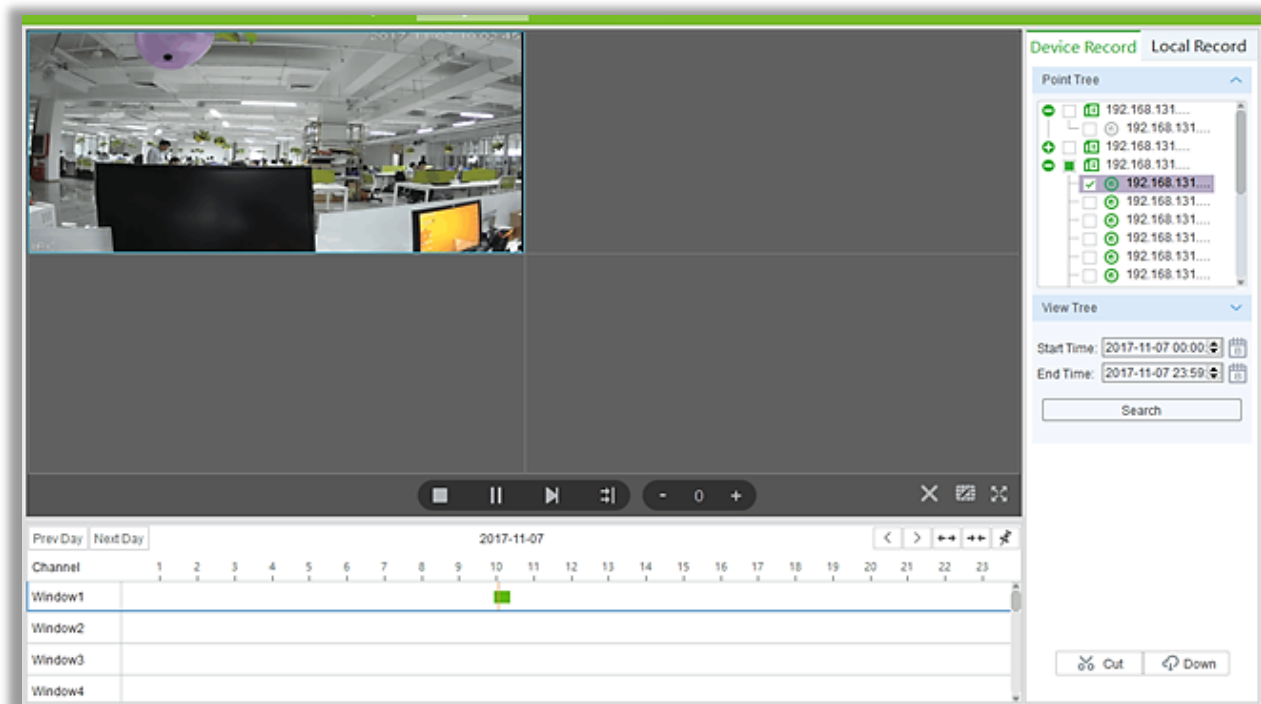



Figure 5-3 Playback

5.2 Video cut and download

Step 1: Click  on the clip download area (No.9 area of figure 5-1) of **【Playback】** interface.

Then the mouse pointer will appear as  in the time bar.

Step 2: Left click on the desired channel time bar to select start point, then left Click again at another position to select the end point. See figure 5-4:

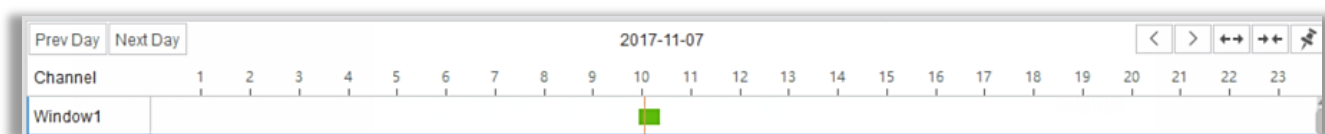


Figure 5-4 Video cut and download

Step 3: Right click at the time bar to select **【Plan Add】** after you select the starting point and end point;

Step 4: Continue click  **Down** at the video clip area (No.9 area of figure5-1)), see figure 5-5;

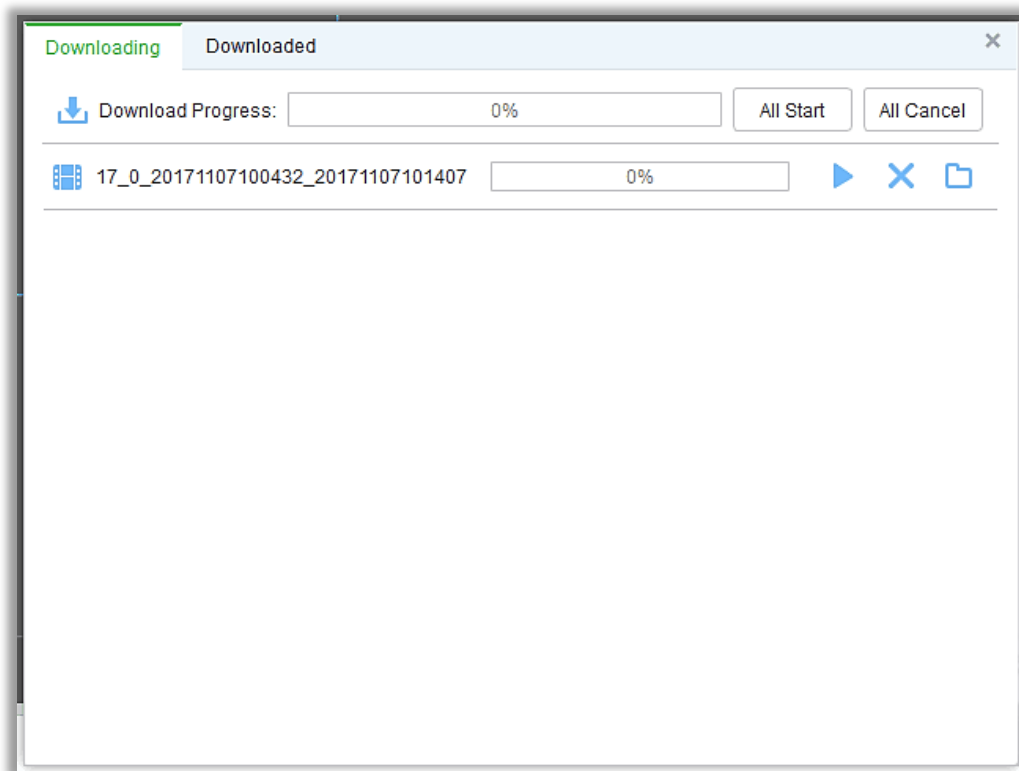


Figure 5-5 Video download

Item	Name	Description
	Downloading	Displays the current progress of the download tasks
	Finish	Display download task has been completed
	Start	Start all download tasks in list
	Start/ Suspend	Start to download current task
	Cancel	Cancel download current task
	Open	Open the folder which video download

Step 5: Click or to download the edited video.

Step 6: Click to check the video clip after it gets downloaded, see figure 5-6;

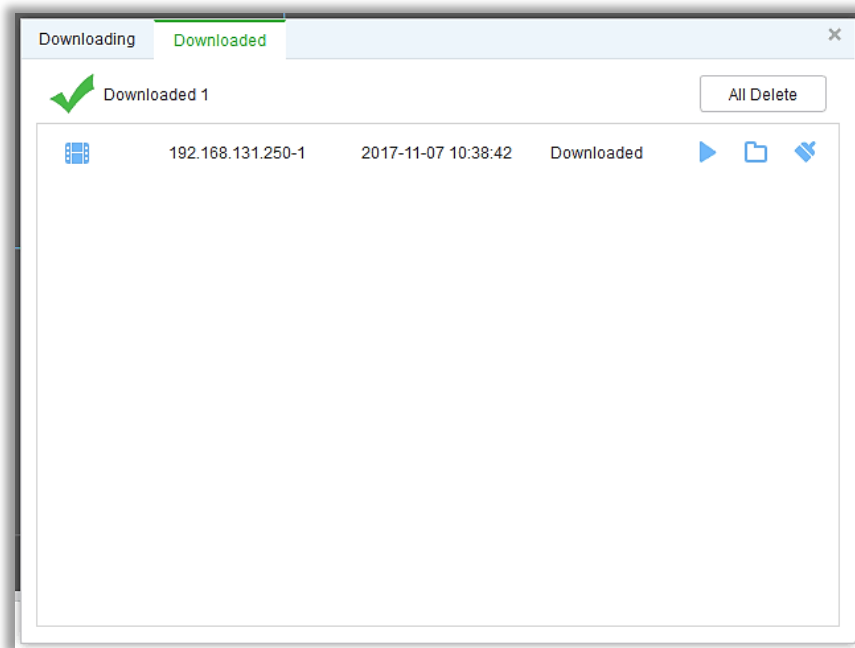






Figure 5-6 Finished list

Item	Name	Instruction
	Delete all	It removes all finished download in list
	Play	It plays currently finished download
	Open	It opens the folder where video download
	Cancel	It removes currently finished download

6. E-Map

E-Map can quickly locate the camera and alarm host deployed. It is closely related to alarm function, when alarm event occurs on the map, there is alarm hint, and after getting the alarm notification, we can take immediate remedial action.

6.1 Adding Map

E-Map is associated with ground, one E-map can be added to a ground.

The specific steps of adding E-Map are as below:

Steps 1: Click **【E-Map】** at window area (see figure 3-2 picture 1). System will display **【E-Map】** interface, see figure 6-1:

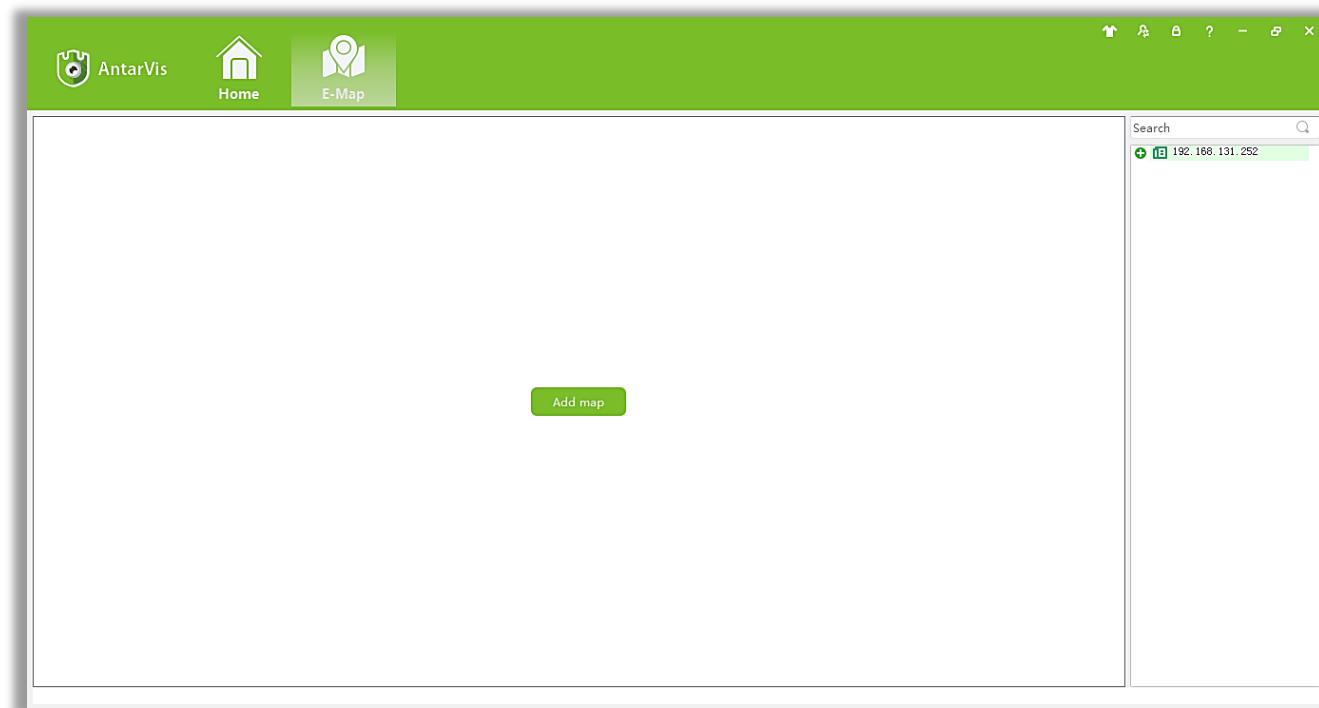
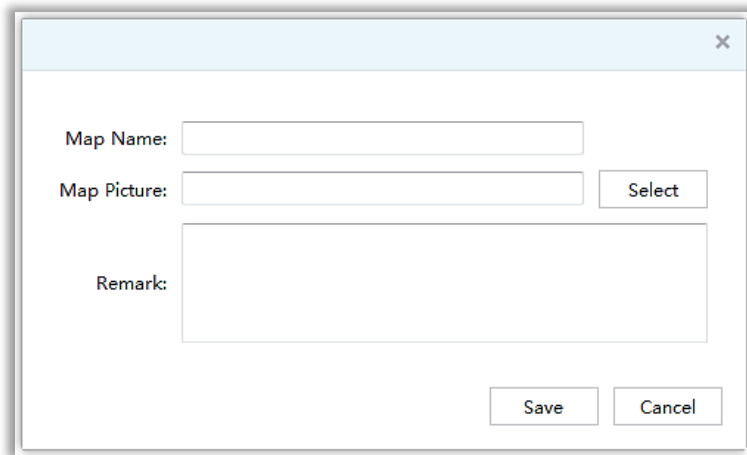


Figure 6-1 E-Map

Step 2: After putting E-Map name, click [Add map] to browse for map picture file in PC, click [Save] to complete adding E-Map. See figure 6-2:



A dialog box titled "Map Add" with a close button (X) in the top right corner. It contains three input fields: "Map Name:" with a text box, "Map Picture:" with a text box and a "Select" button to its right, and "Remark:" with a larger text box. At the bottom right, there are "Save" and "Cancel" buttons.

Figure 6-2 Map Add

Step 3: After successfully adding E-Map, it will turn to defaulted [Preview Model]. After adding E-Map, interfaces appear as shown in figure 6-3:

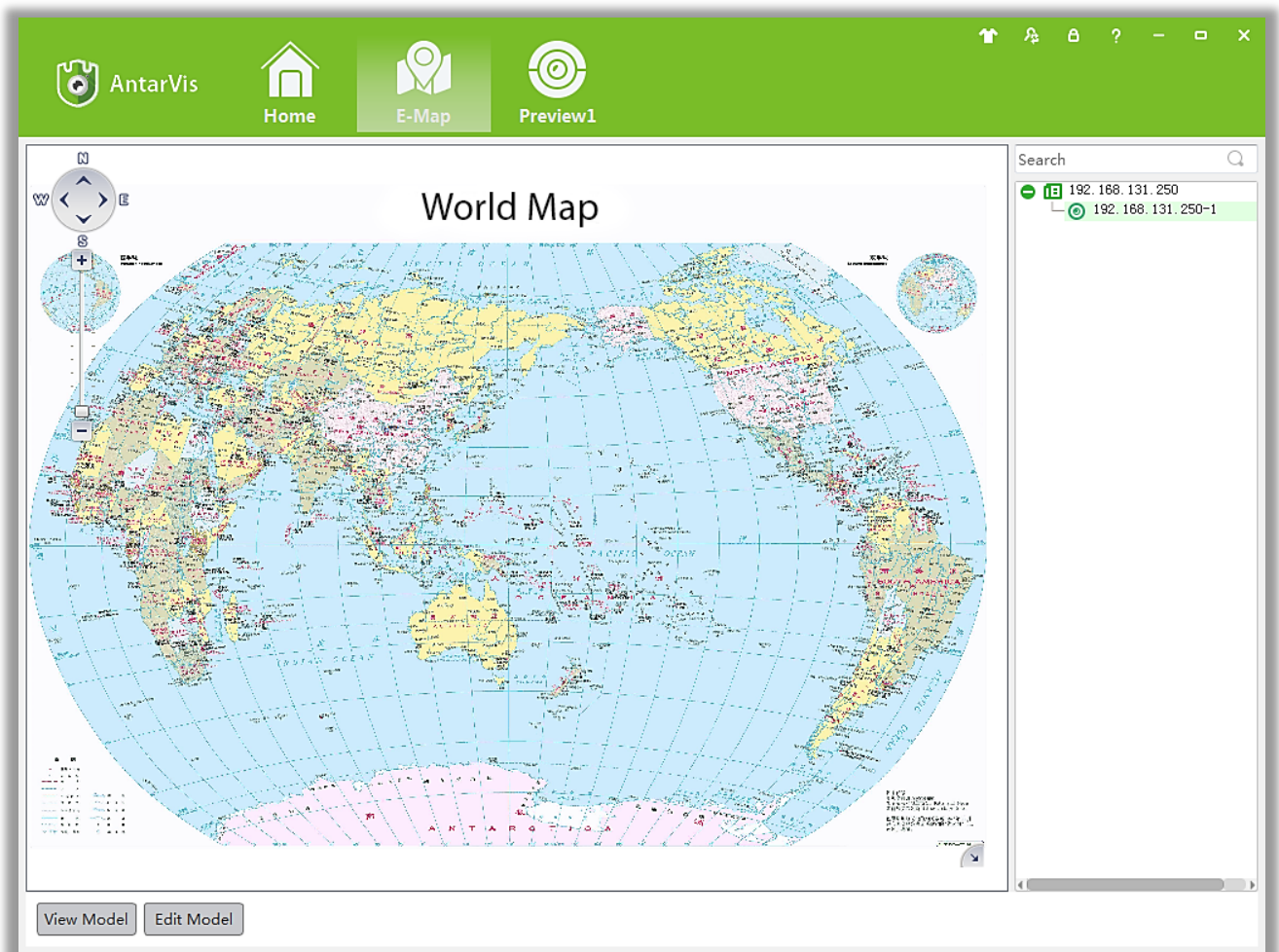


Figure 6-3 E-Map Adding Complete Interface



: The map pic format should be PNG, JPG, or BMP.

6.2 Edit Map

The specific steps of editing map are shown as below:

Step 1: Click **【Edit Model】** at toolbar, as per figure 6-4:



Figure 6-4 Edit Model

Step 2: Click [Edit Map] to modify map details as shown in figure 6-5:

Map Name:

Map Picture:

Remark:

Figure 6-5

Step 3: Choose map, modify the name and click **【Save】** to finish the map modification.

Operation for deleting the current map is below:

Click **【Edit Mode】** → **【Delete Map】** .

6.3 Add HotZone

Set sub-map of related map by hotspots configuration in editing interface of the map.

Adding hotspots steps:

Step 1: Click **【Add HotZone】** under editing mode of the map, see figure 6-6.

Map Name:

Map Picture:

Remark:

Figure 6-6 Add HotSpots

Step 2: Input the map name, click **【Select】** to find the photos in the local PC, choose one photo and click **【OK】** to add this map, see figure 6-7:

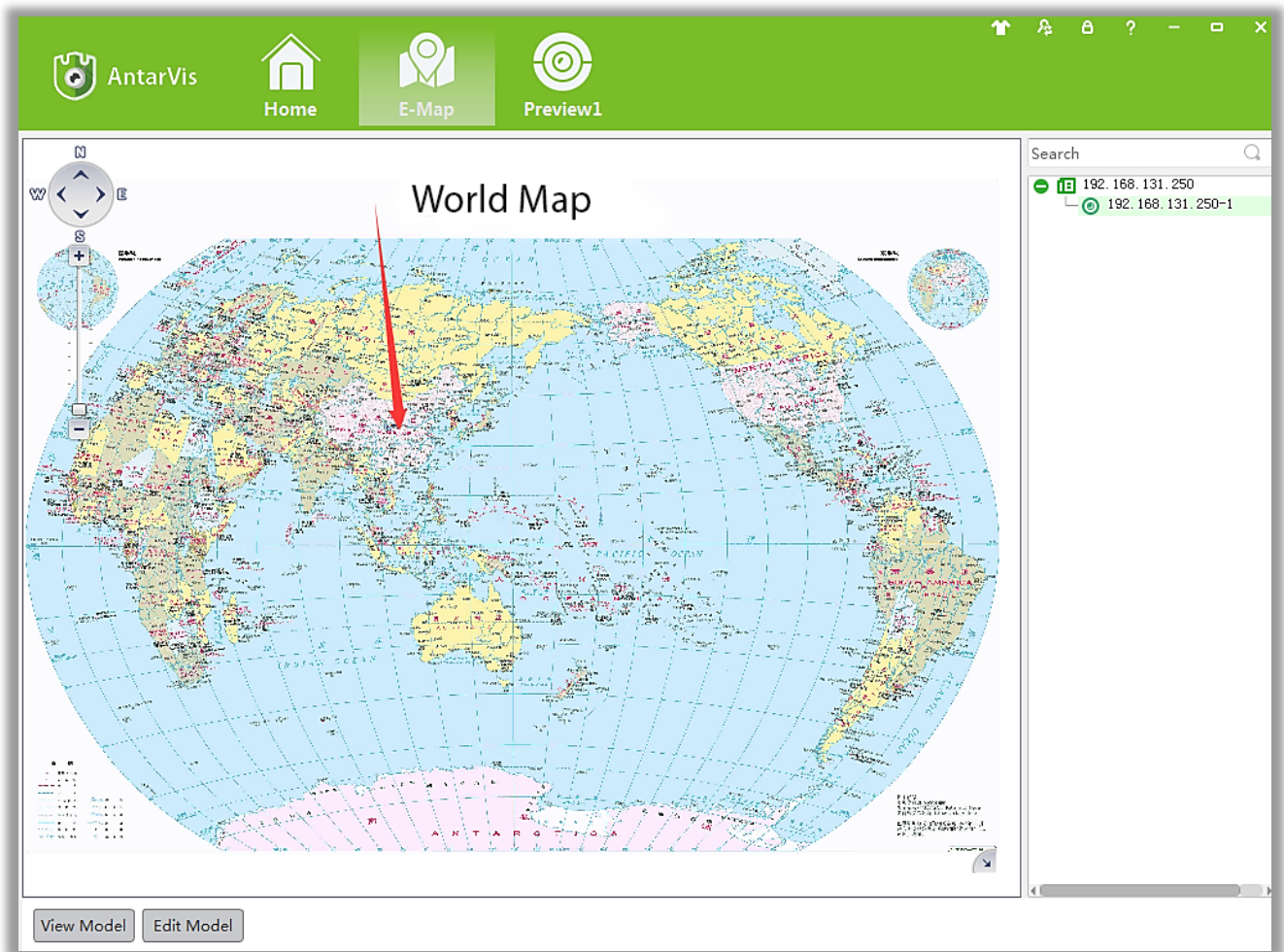


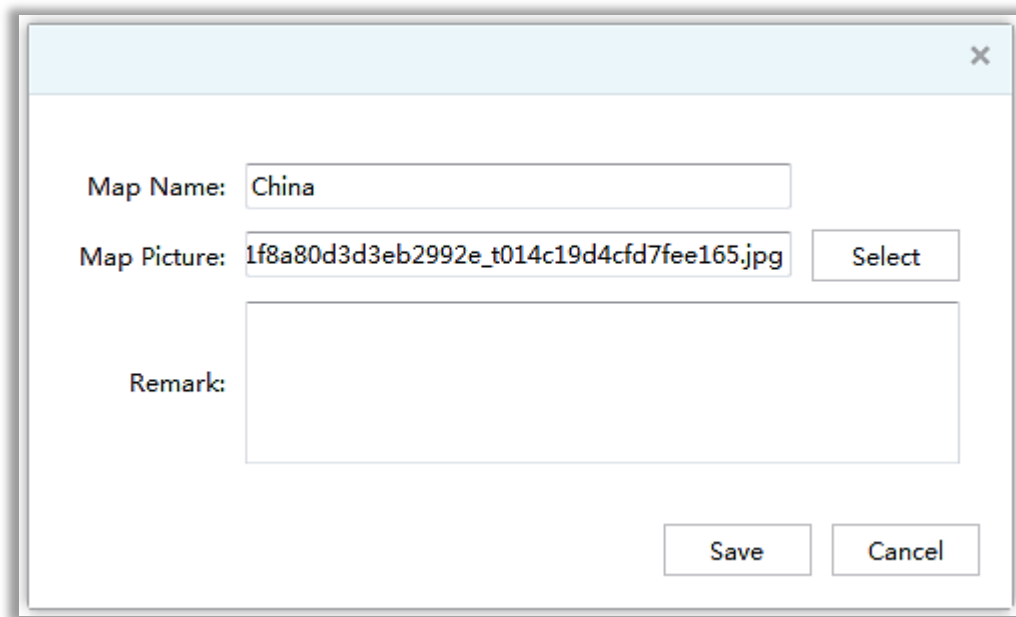
Figure 6-7 HotSpots Adding Complete Interface

When you finish all the above steps, you can click the hotspots icons to go into the submap.

6.4 Editing HotZone

You can edit the hotspots when it is necessary:

Step 1: Choose the hotspot you want to edit and click **【Edit HotZone】**, see figure 6-8.



Map Name: China

Map Picture: 1f8a80d3d3eb2992e_t014c19d4cf7fee165.jpg Select

Remark:

Save Cancel

Figure 6-8 Edit HotSpots

Step 2: Perform the desired modification and click **【Save】** to finish the modification.

Step for deleting current hotspot map:

Click **【Edit Mode】** → **【Delete HotZone Map】** to delete the current map in the menu.

7. Alarm Event

There are two parts of alarm center event, one is event center, another is event handling:

7.1 Event Center

AntarVis event center supports checking and operating with all kinds of alarm events. see figure 7-1:

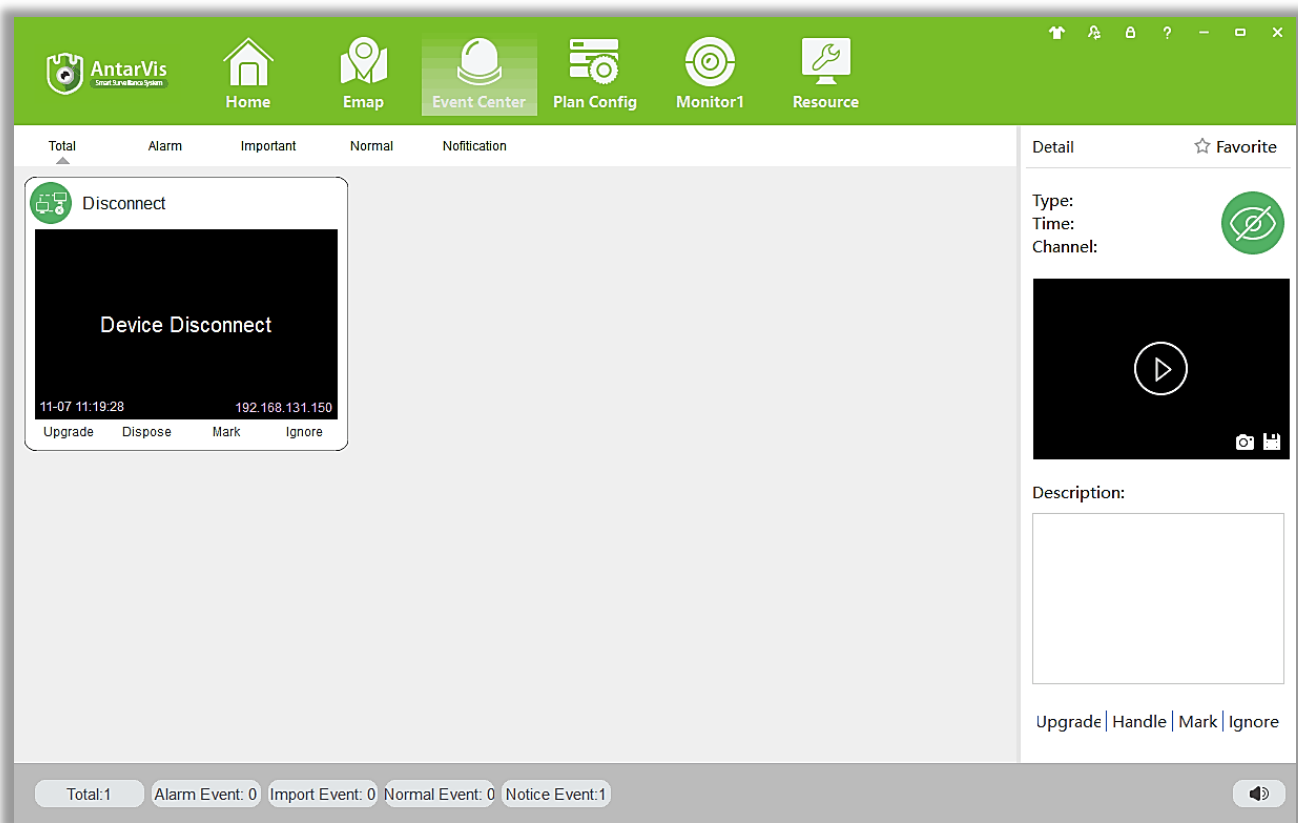


Figure 7-1 Event Center

7.2 Event Handling

Click **Event Handling** for viewing event by channels:

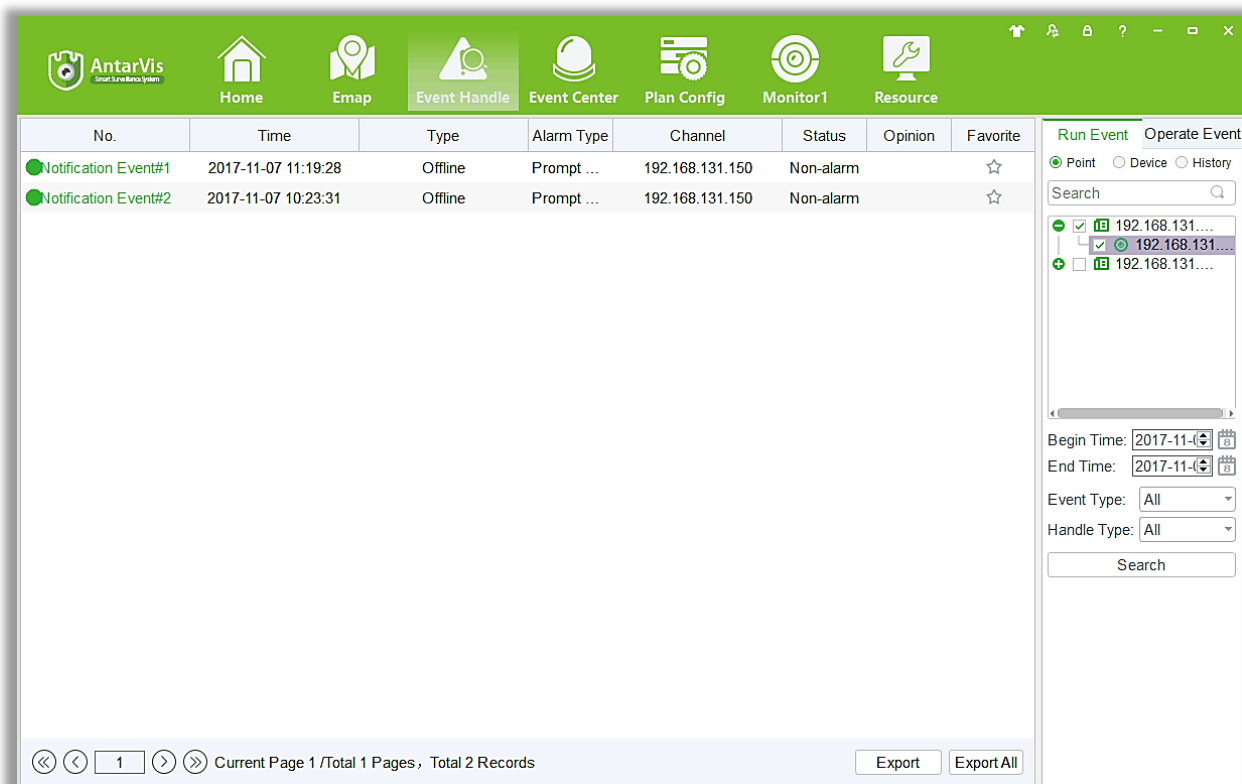


Figure 7-2 Event Handling

8. Configuration Management

8.1 Basic Settings

You need to configure the basic parameters of the client when logging in the AntarVis for the first time.

Detailed process as described below:

Step 1: Click **Basic Config** at the home page of the client as shown in figure 8-1:

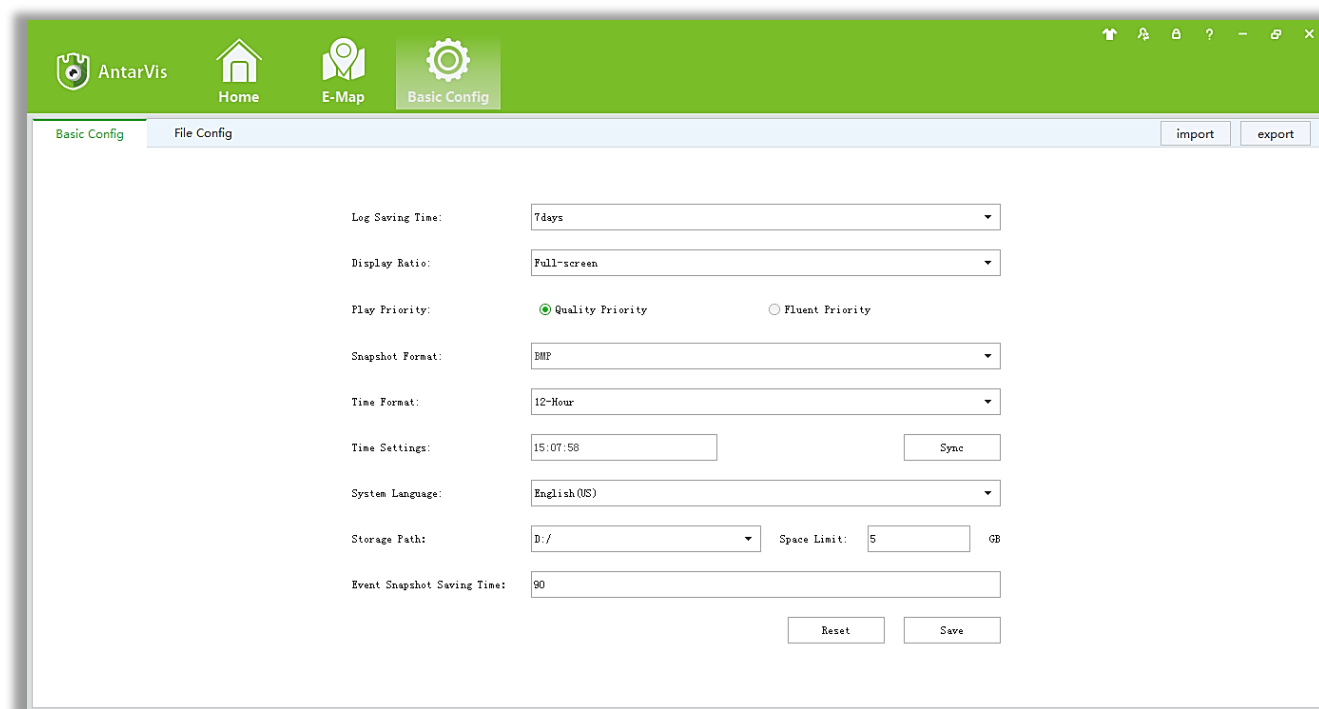


Figure 8-1 Basic Configurations

Item	Description
Log Saving Time	Set the saving time of log; 7day, 15days, 30days, 60days and 90days optional.
Display Ratio	Set the display ratio of video; Full screen, Original Size, 16:9 and 4:3 optional.
Play Priority	Set play priority of video playback and video real-time preview; Quality priority and Fluent priority optional.
Snapshot Format	Set the picture format for sharpshooting and saving; JPEG and BMP optional.
Time Format	Set time format; 12-hour and 24-hour optional.
Time Settings	Set client time; sync local time by clicking sync time.

System Language	Set the language; Chinese and English optional.
------------------------	---

Step2: Click [Save] after finishing the setting.



: Click [Default] to reset local configuration.

8.2 File Setting

Detailed process is described as below:

Step 1: Click [File Config] in the **【Basic Setting】** home page of the client interface as figure 8-2:

Figure 8-2 File Setting

Name	Parameter	Description
Audio Alarm	Privacy Mask	Set video shade alarm
	Motion Detection	Set motion detection alarm
	Video Lost	Set video lost alarm
	Tripwire Intrusion	Set tripwire alarm
	Region Intrusion	Set Region intrusion alarm
	Face Detection	Set face detection Alarm
	Disk Error	Set disk error alarm

	External Alarms	Set external alarm
File Path	Snapshot Path	Set save path of captured pictures
	Recording Path	Set save path of recording videos
	Download Path	Set save path of downloading videos
	Configure Path	Set save path of local configuration

Step 2: Click [Save] after the settings are finished.



: Click **【Reset】** to restore all file configuration to default.

8.3 Plan Configuration

8.3.1 View Plan

Steps of plan configuration as following:

Step 1: Click [View Plan] on home page of [Plan Config]:

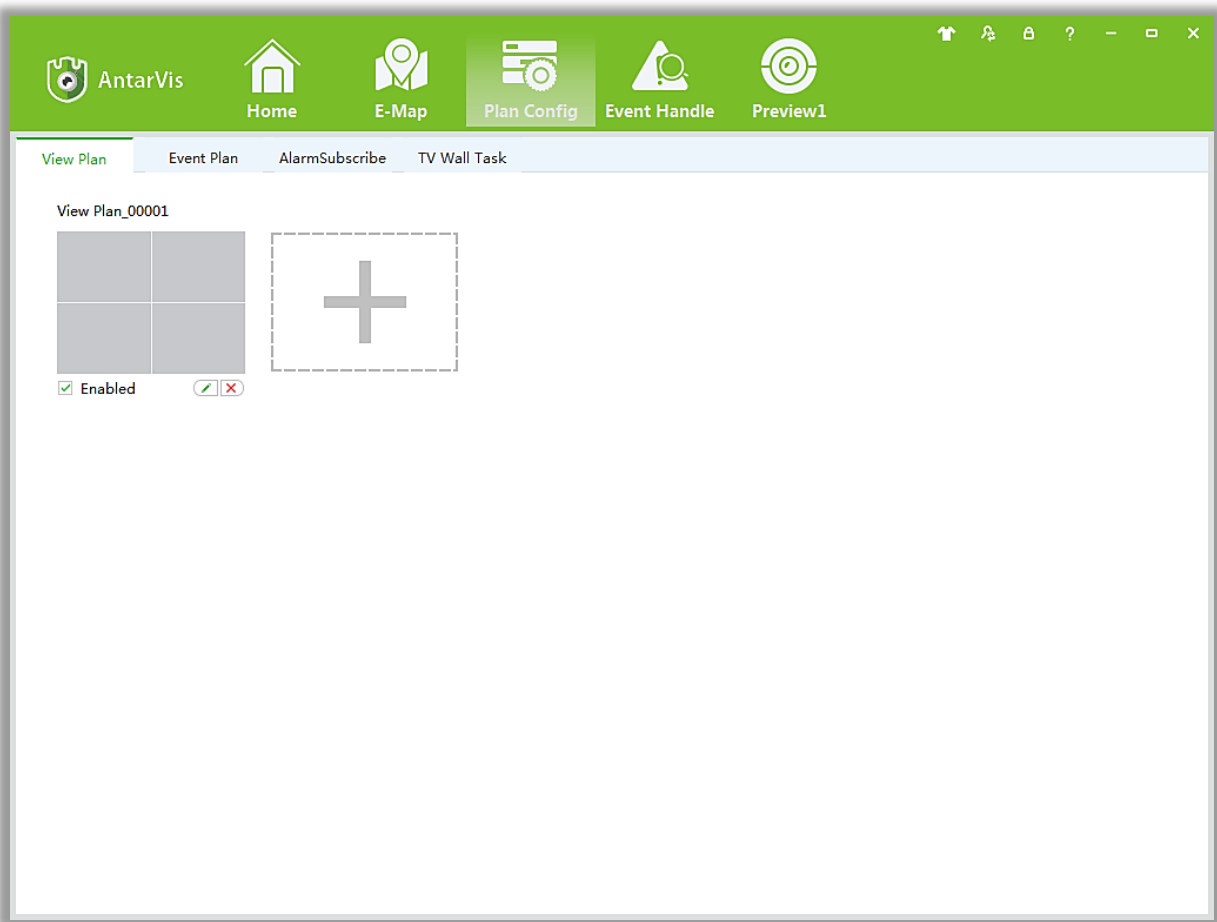



Figure 8-3 Plan settings

Step 2: Click on , to go to view create plan interface.

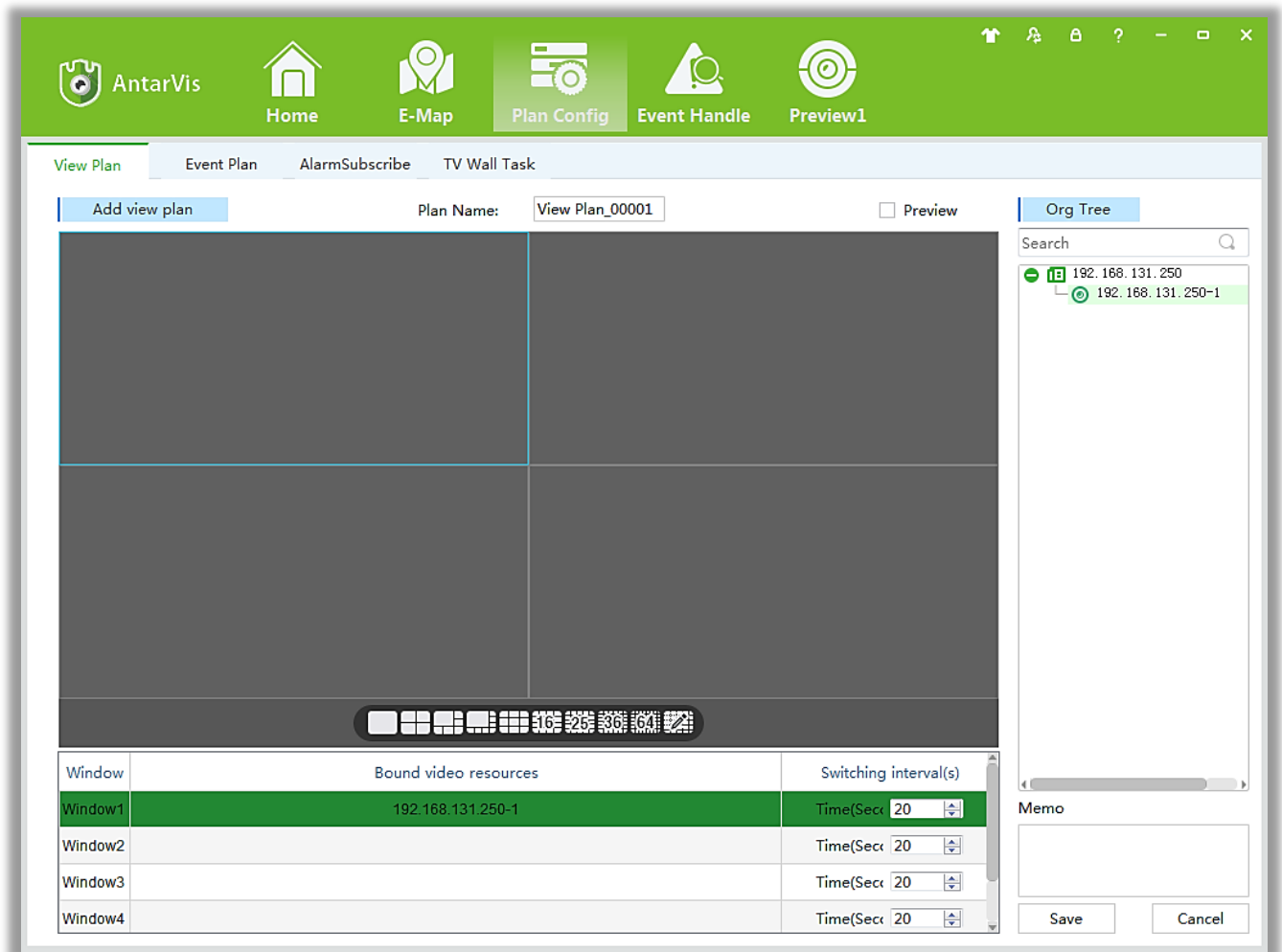


Figure 8-4 Create view plans

Step 3: Input plan name. At the right in the video organization tree, double-click or drag any window, select tour time, default 20s, and save the view.

A video loop source corresponding to a window for a single video source is shown in figure 8-5; for more than one video source corresponding to a window for a loop of multiple video sources is shown in figure 8-6);

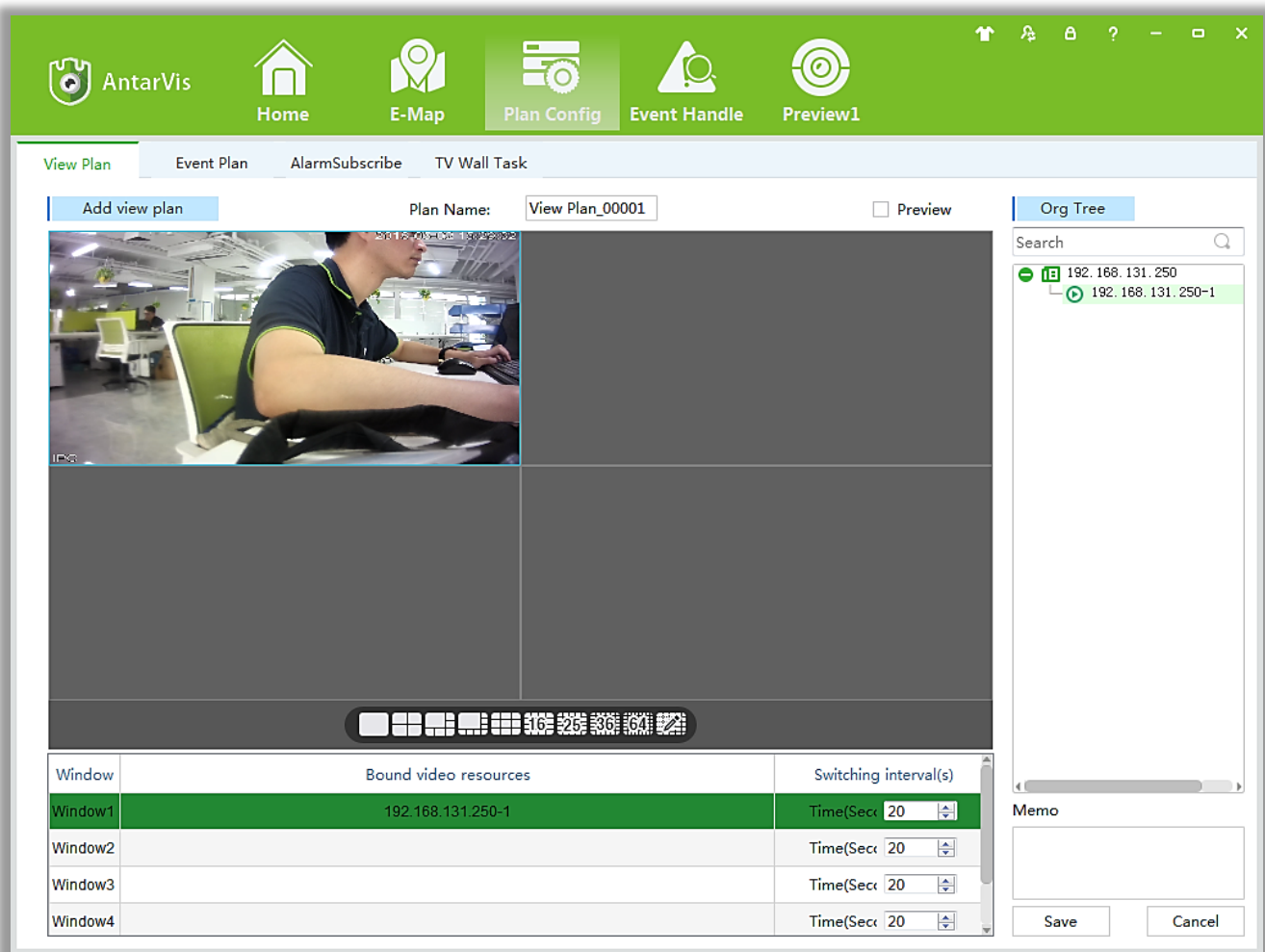


Figure 8-5 Single video source loop

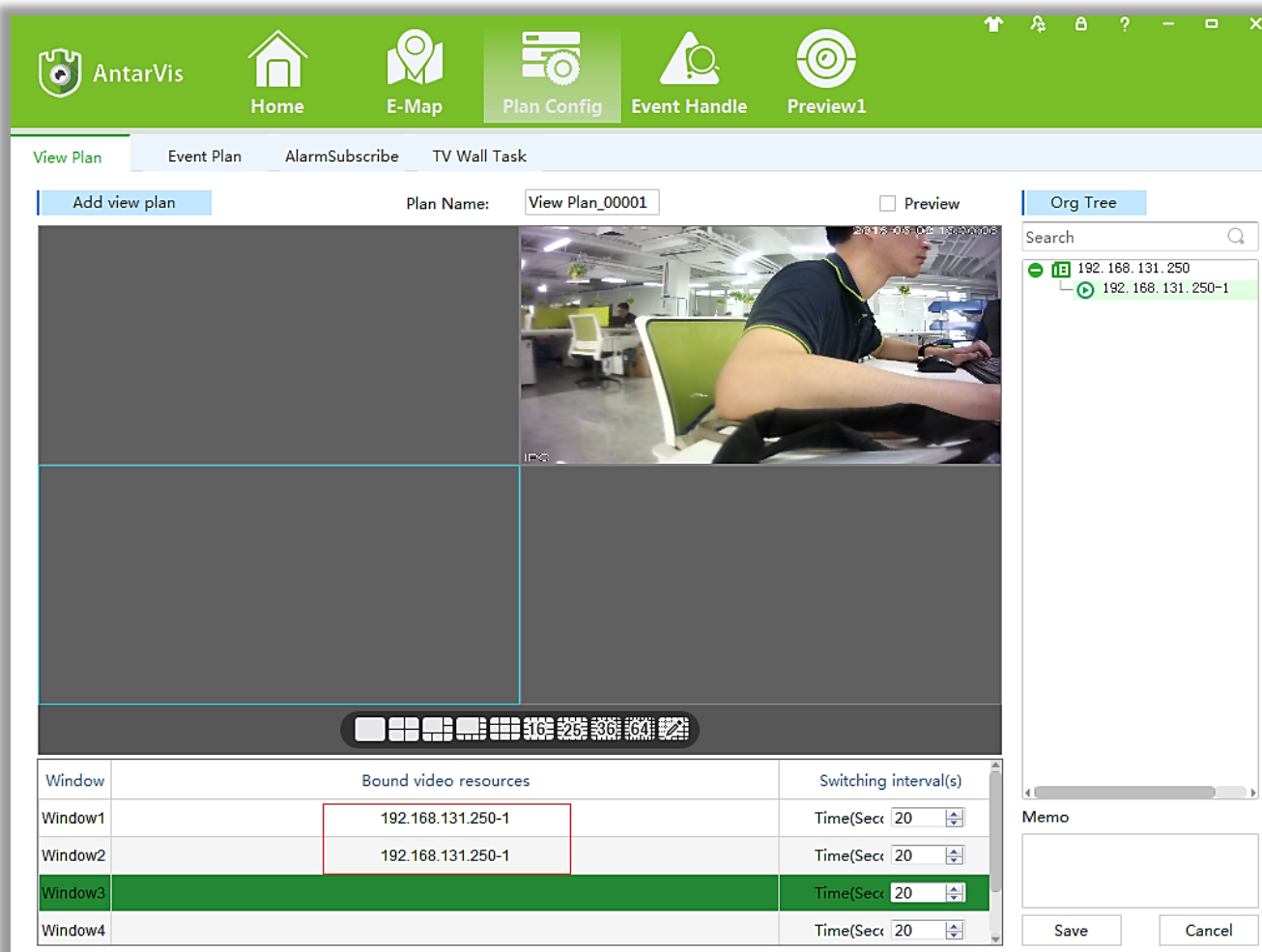


Figure 8-6 Loop with multiple video sources

Step 4: To remove the current window of the video source, right click on the video source window, and select the **【Cancel Bind】**. To remove all windows video source bindings, select **【Cancel All Bind】** as shown in figure 8-7.

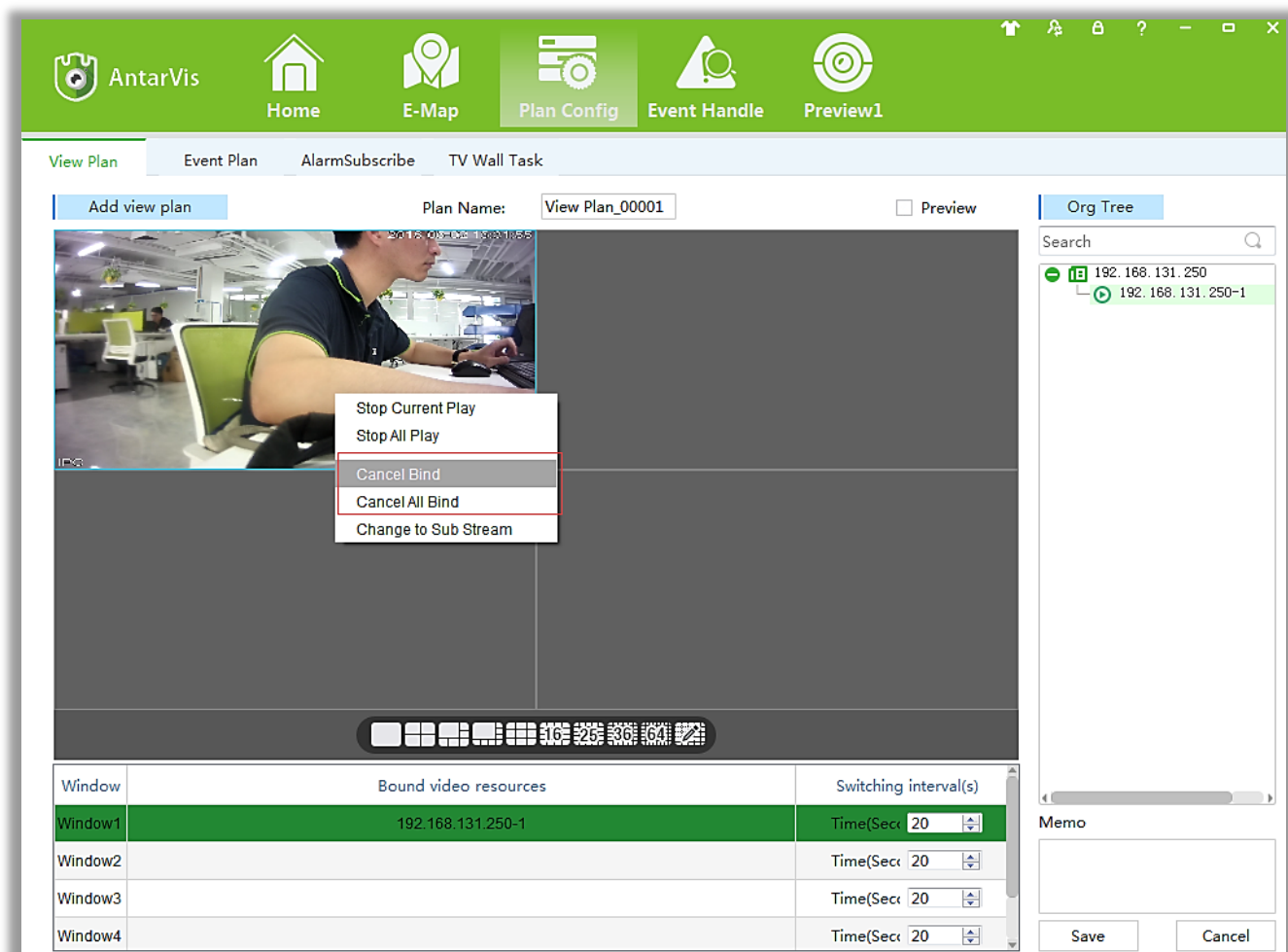


Figure 8-7 Removing binding of the video source

Step 5: To stop video play, right click video source window and select the **【Stop current play】**. To stop all video plays, select **【Stop all Play】** as shown in figure 8-8.

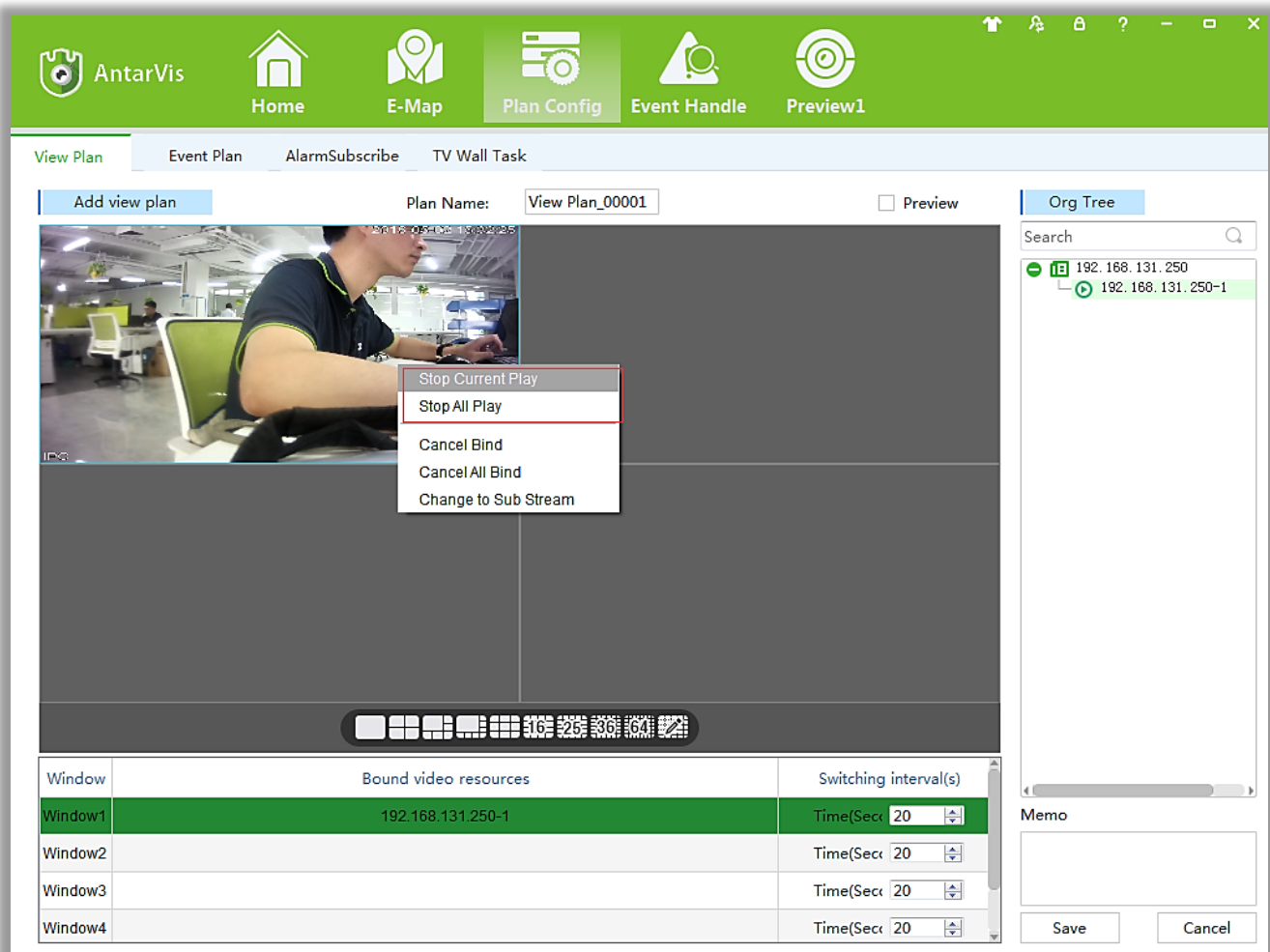


Figure 8-8 close video

Step 6: Right-click on video source window and select the primary / secondary stream switching as shown in figure 8-9.

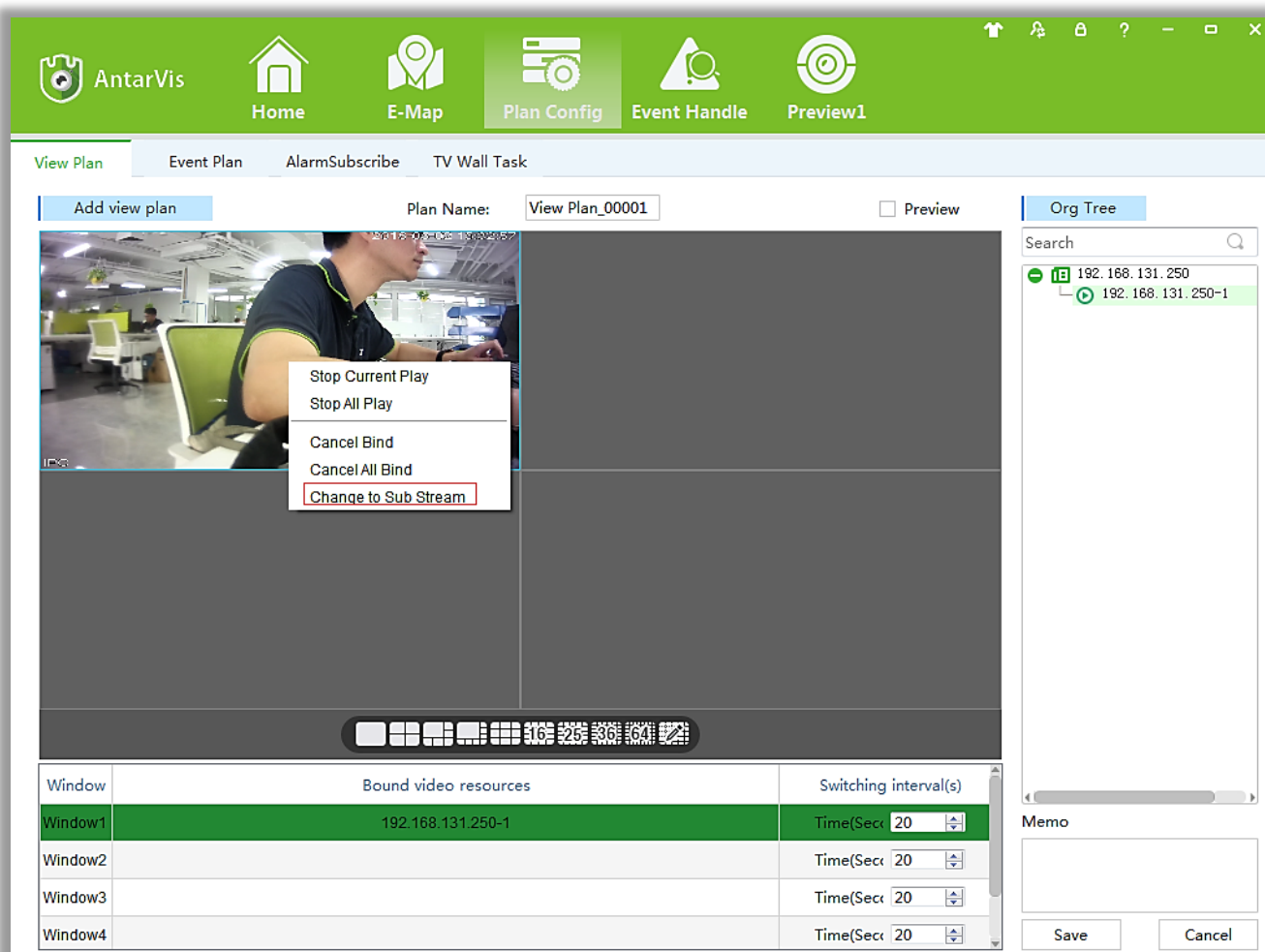


Figure 8-9 Switch main/Sub stream

8.3.2 Event plan

Steps to configure event plans are as below:

Step 1: Click on **【Plan Config】** at the client home page. System displays the interface as shown in figure 8-10:

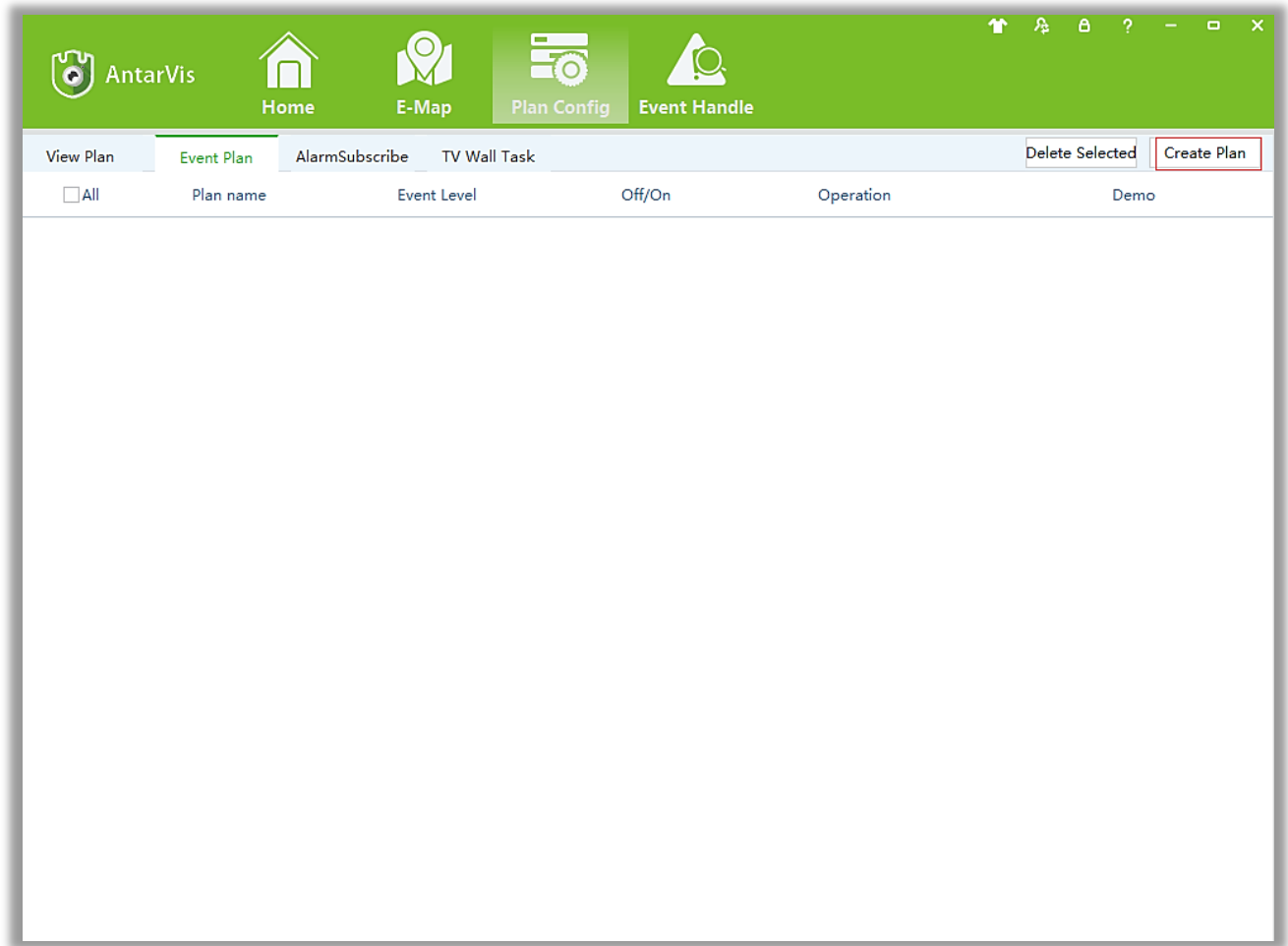


Figure 8-10 Create a plan

Step 2: Click [Create Plan] and fill in the required details as in figure below:

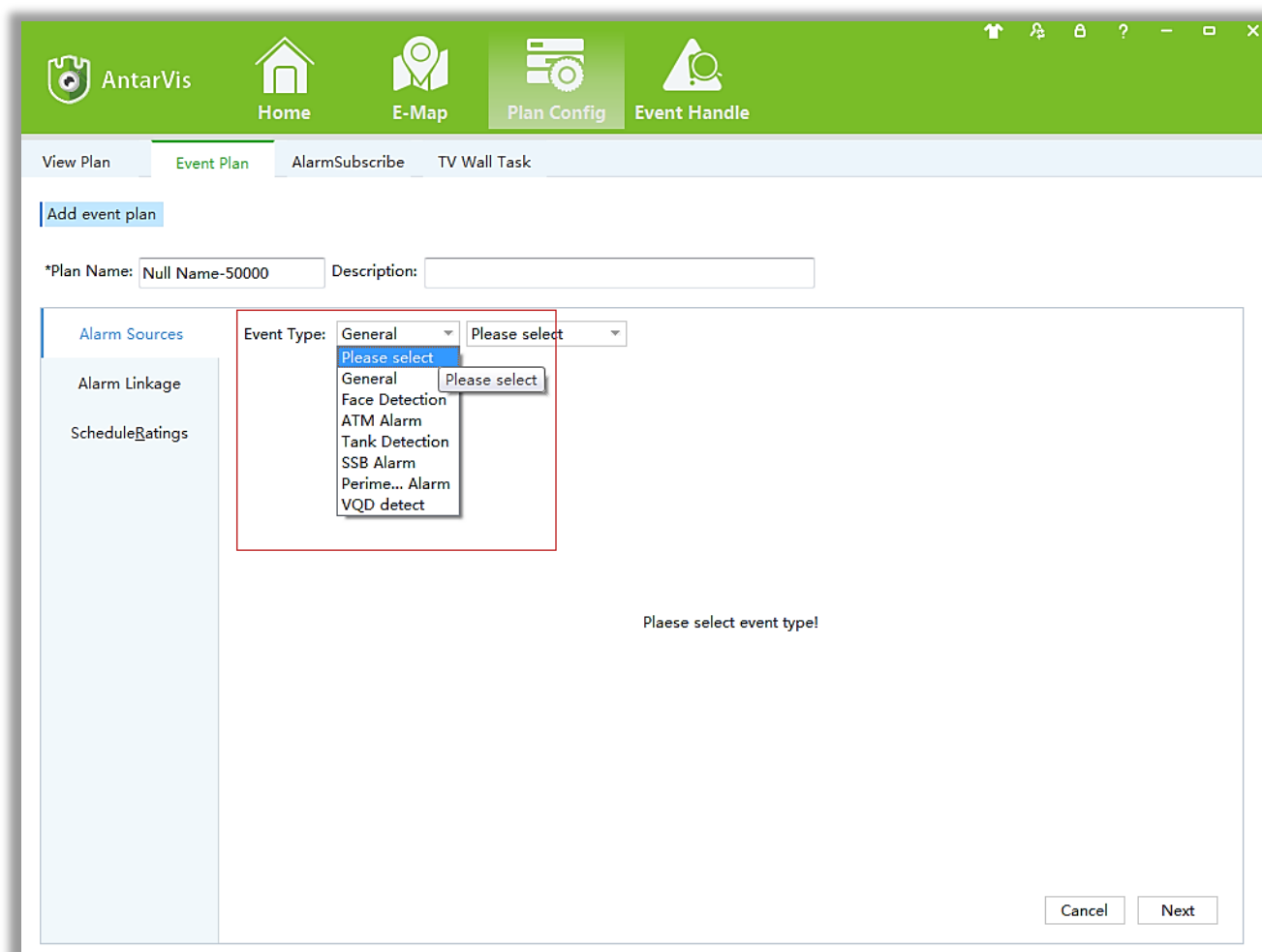


Figure 8-11 Select an event type

Step 3: Select the alarm trigger event type and click on **【Next】** .

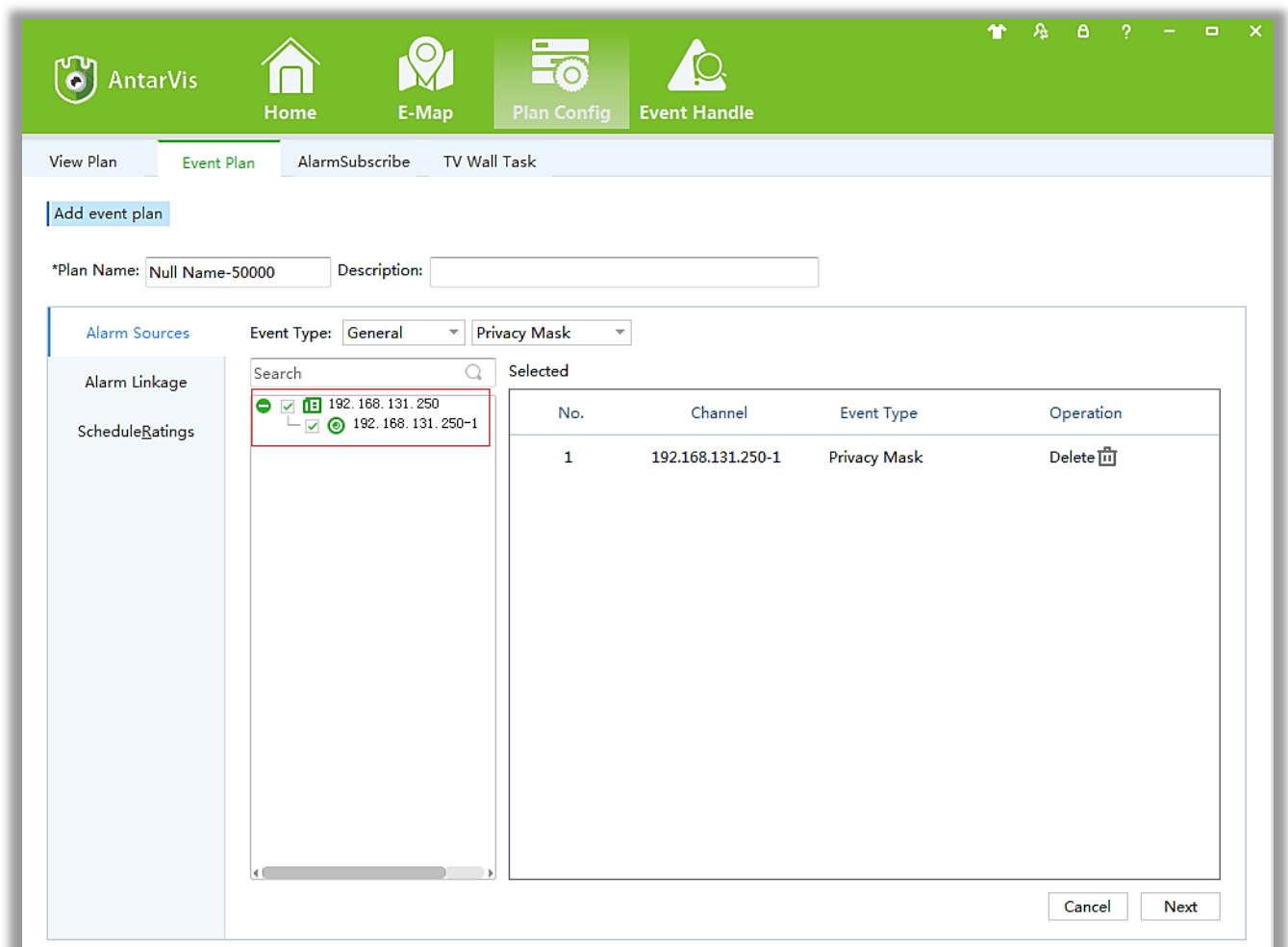


Figure 8-12 Select alarm source

Step 4: Select the alarm video from the list, check whether or not the video is opening and click on **【Next】** .

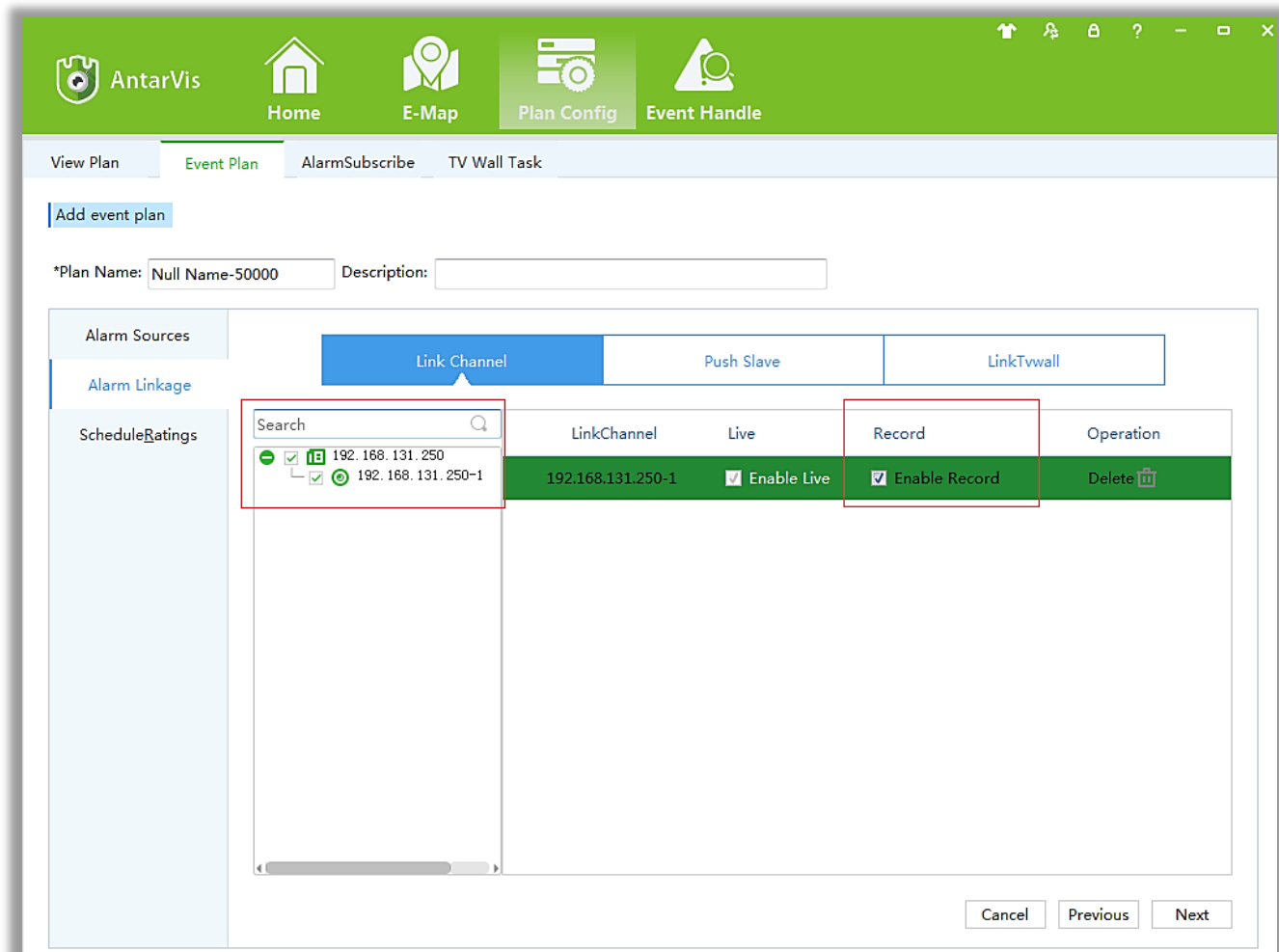


Figure 8-13 Alarm link

Step 5: Select the Event type, check details of alarm linkage and update as required.

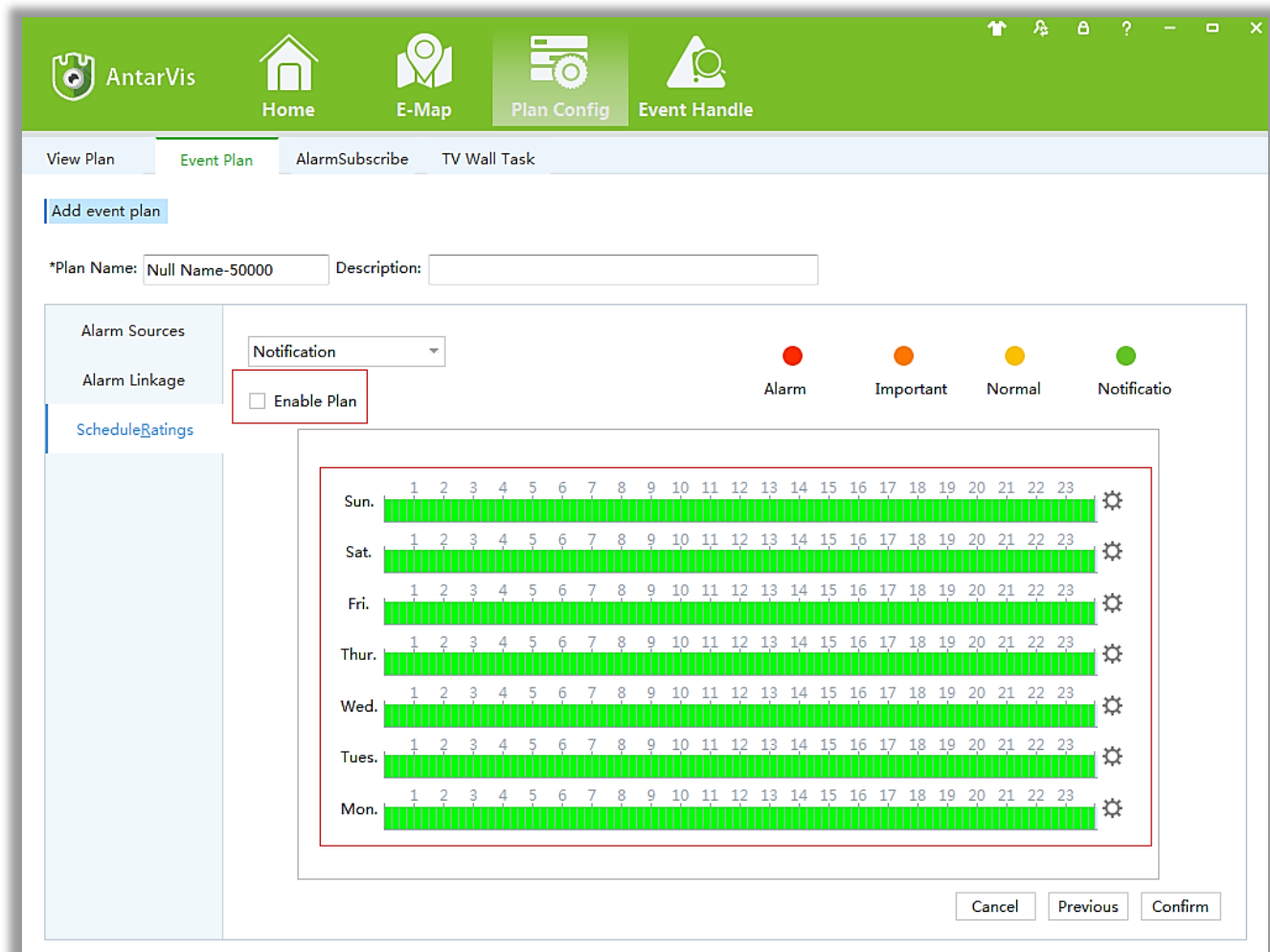


Figure 8-14 Deployment time

8.3.3 Alarm Subscription

Alarm subscription configuration steps are as follows:

Step 1: Click on **Plan Config** at the client home page. System displays [Alarm Subscriptions] interface as shown in figure 8-15:

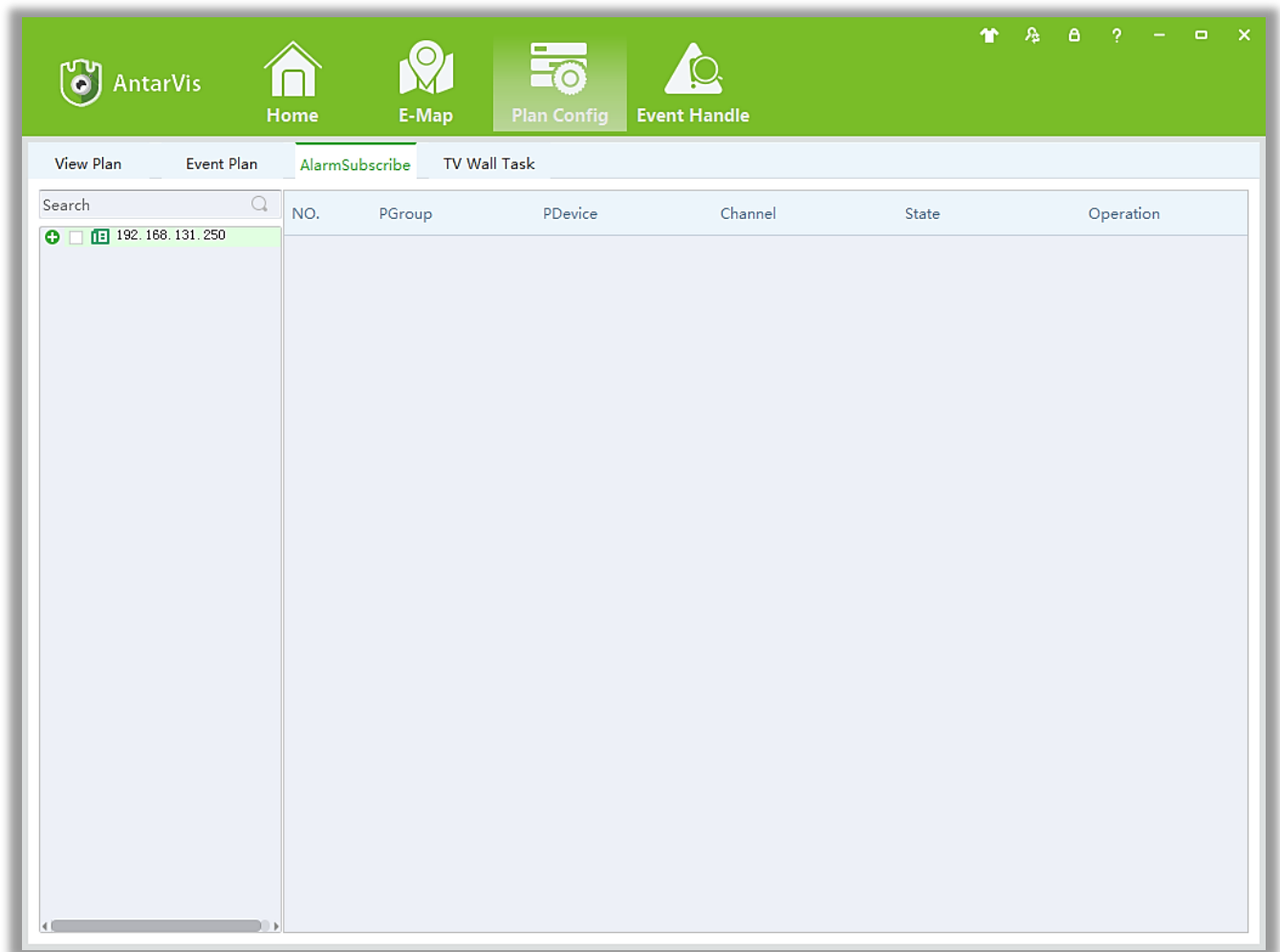


Figure 8-15 Alarm subscription

Step 2: Tick the required channel as shown in below figure.

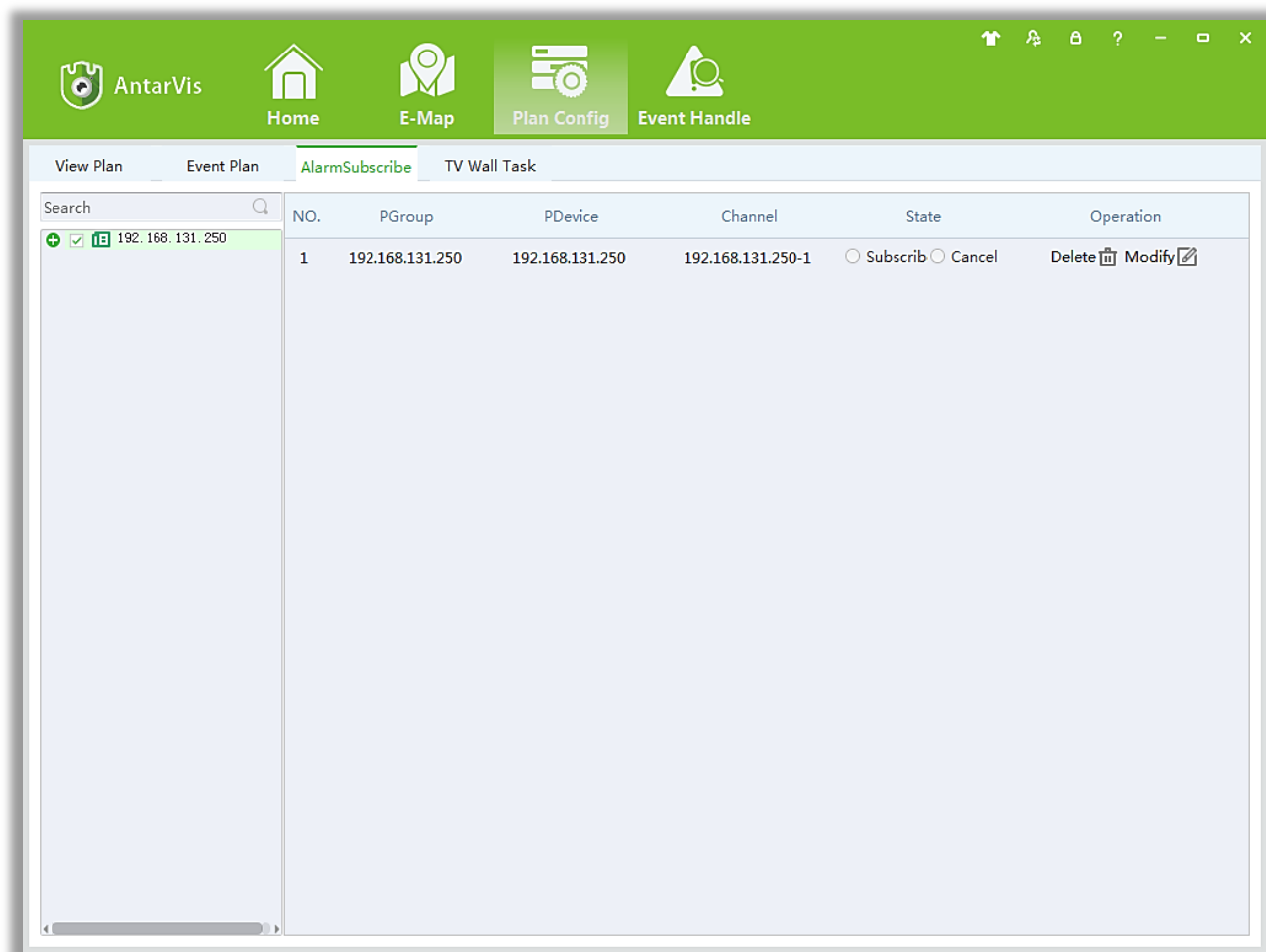


Figure 8-16 Select a subscription channel

Step 3: Click on subscriptions and click on [Modify] icon to open editing interface, set the alarm type and time. If you need to add new entries click on **【+】** icon.

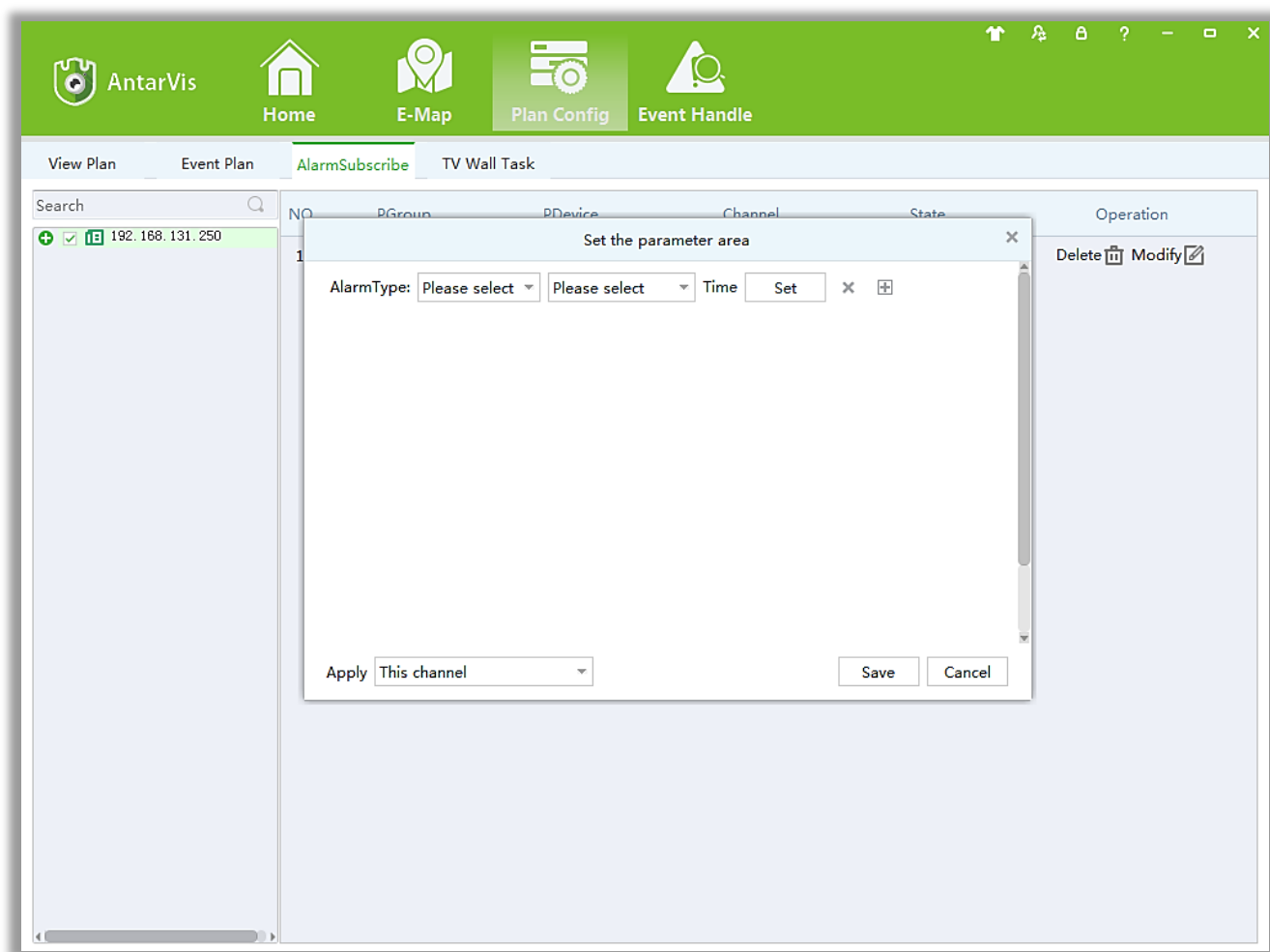


Figure 8-17 Set the zone parameters

Step 4: Click [Apply] and choose required option, and then click the **【Save】** button.

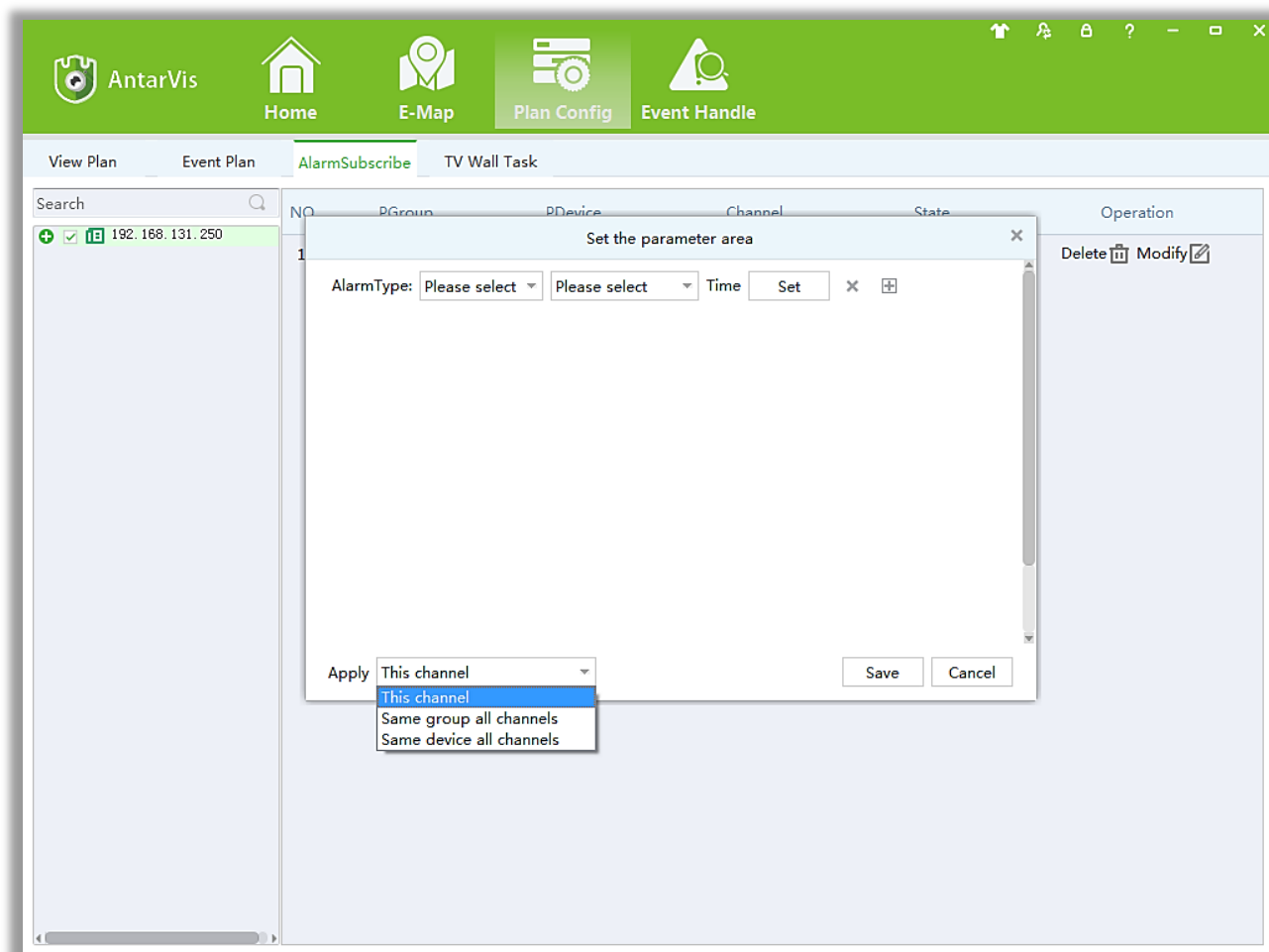


Figure 8-18 Setting protection channel

8.3.4 TV-Wall Task

TV-Wall Task configuration steps are as follows:

Step 1: Click on **【Plan Config】** at the client home page. System displays [TV-Wall Task] interface as shown in figure 8-19:

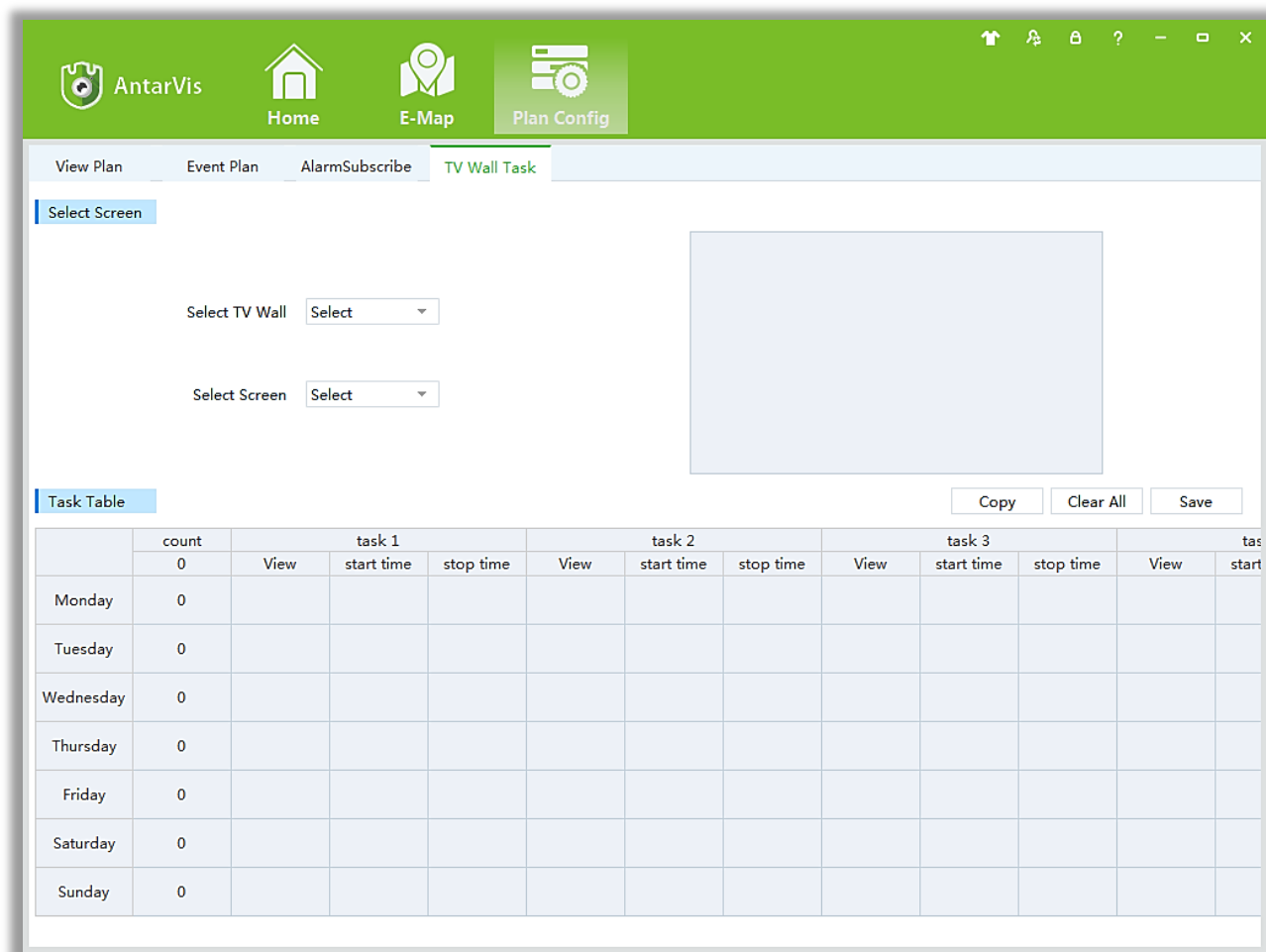


Figure 8-19 TV-Wall Task

Step 2: Select the desired setting on the wall plan TV wall, the thumbnail on the right side will display the currently selected video wall layouts and its mosaic screen current number of tasks, and then select one of the video wall mosaic wall screen configuration planning;

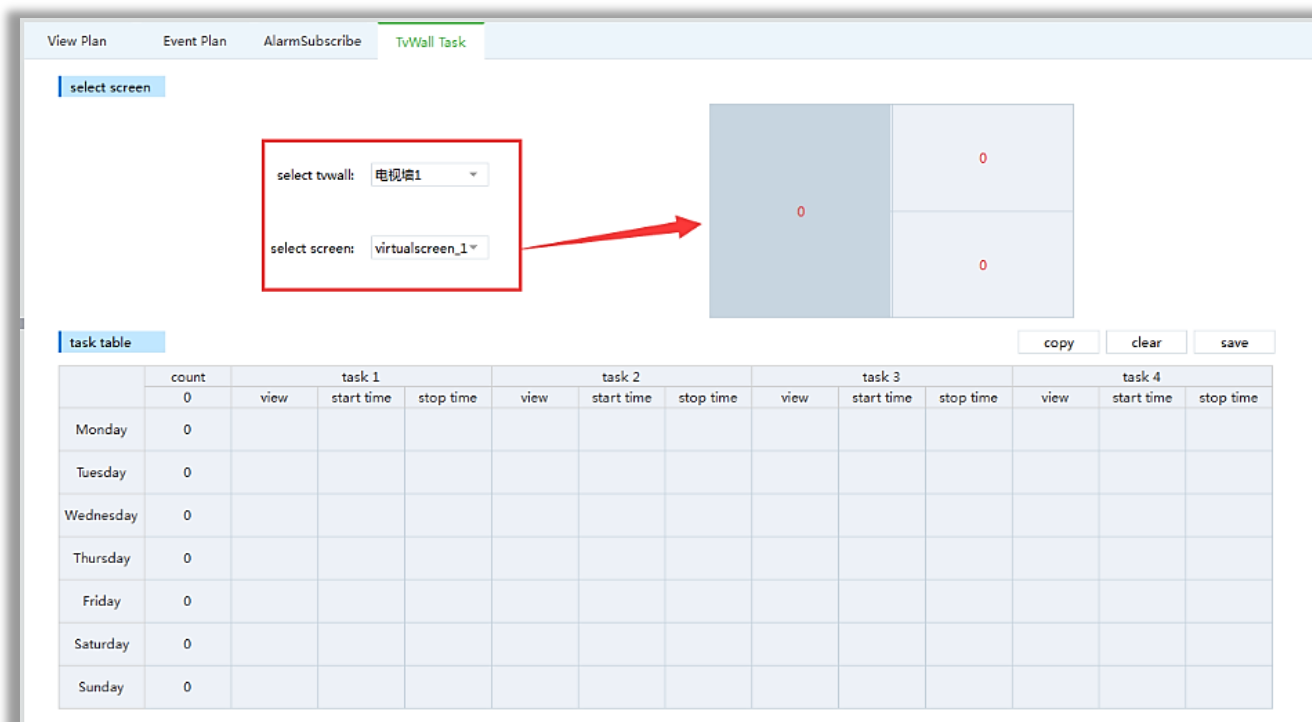


Figure 8-20 Select screen

Step 3: Set up scheduled tasks in the task list at the bottom, select screen from the drop-down list and select twall also from the drop-down list. Task table can have up to four tasks each day;

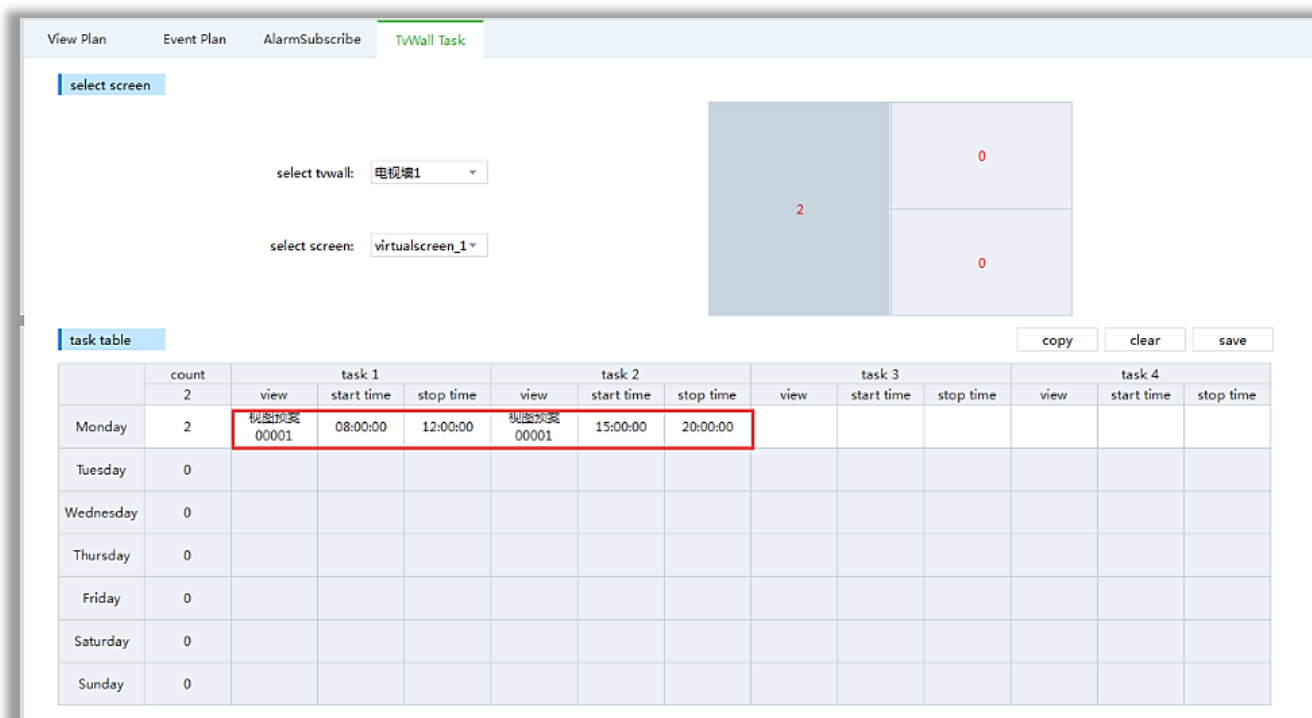


Figure 8-21 Set up tasks

Step 4: At the right corner of the task list select the source you want to copy and click “Copy”; set the time that you want to copy to, click Save to finish:

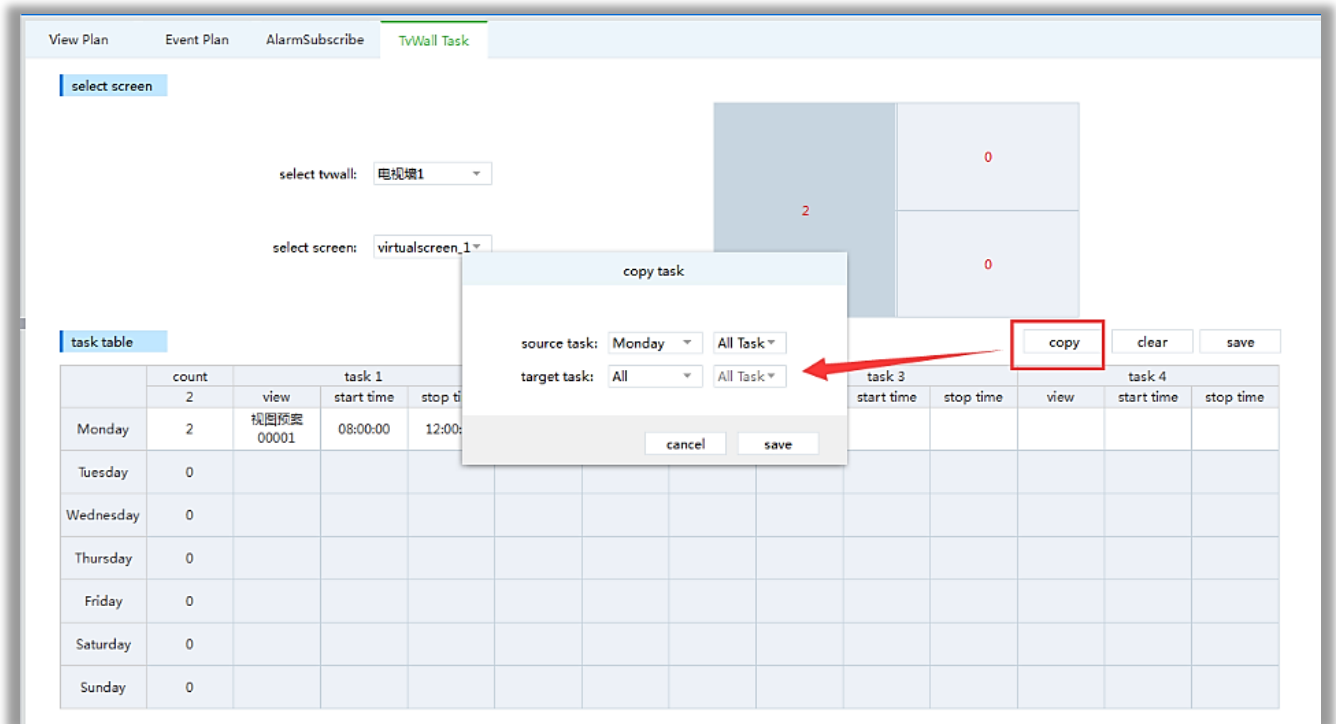


Figure 8-22 Copy tasks

Step 5: Once copied, click on “Save” on the upper right corner to save the configuration of the task list as shown below:

View PlanEvent PlanAlarmSubscribeTvWall Task

select screen

select tvwall: 电视墙1

select screen: virtualscreen_1

14

0

0

task table

copyclearsave

	count		task 1			task 2			task 3			task 4		
	14	view	start time	stop time	view	start time	stop time	view	start time	stop time	view	start time	stop time	
Monday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							
Tuesday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							
Wednesday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							
Thursday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							
Friday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							
Saturday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							
Sunday	2	视图预案00001	08:00:00	12:00:00	视图预案00001	15:00:00	20:00:00							

Figure 8-23 Save task

9. Facial Recognition

9.1 Server configuration

Device specific steps are as follows:

Step 1: Go to [Resource] module and click [Device Manage] to enter the devices management interface. Then click [VerifyServer] at the left part of the interface and click [add server].

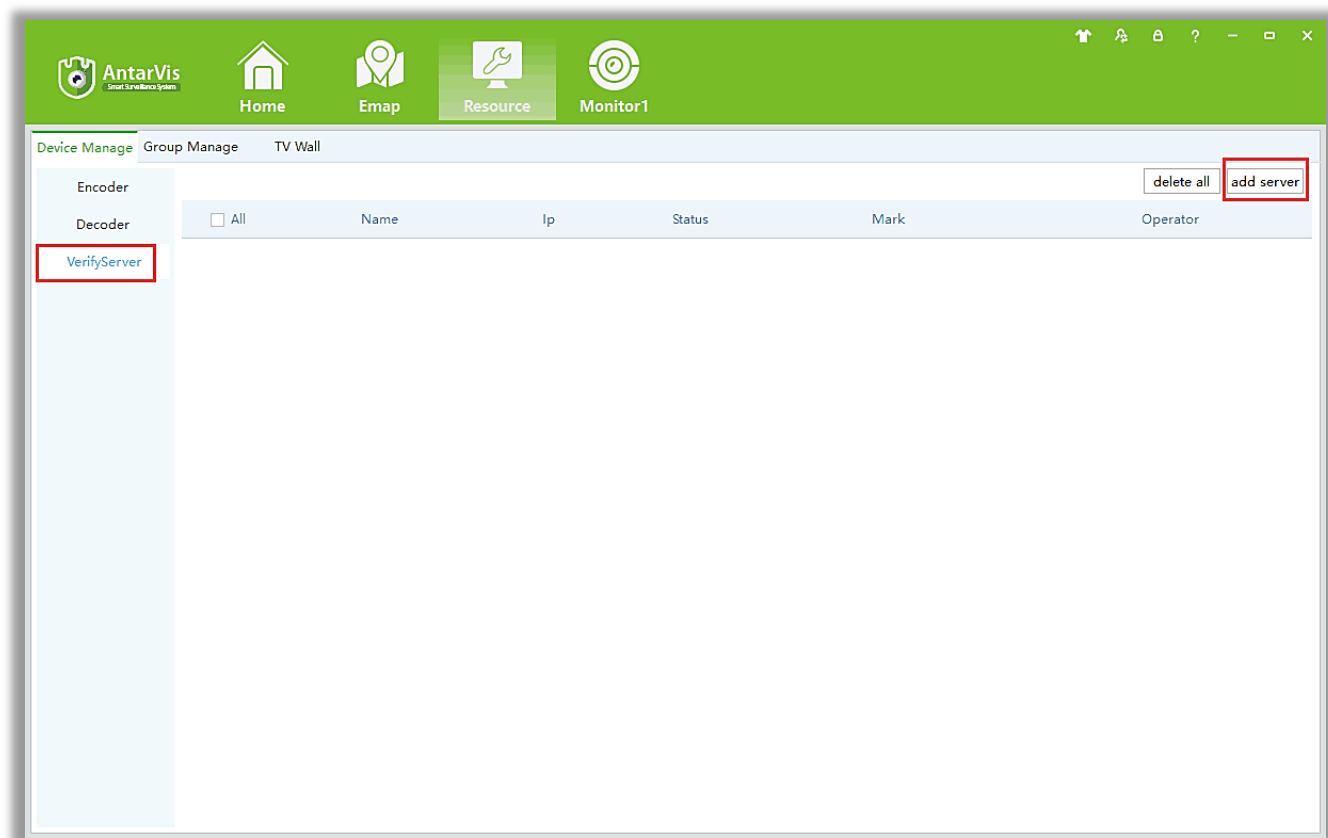


Figure 9-1 Add a server

Step 2: Enter basic information and click "login". After a successful login, click **【Next】** .

add server

device config link channel link library

1 2 3

name: 61 *

ip: 192.168.131.33 *

port: 8000 *

mark: 111

Ok login

cancel next

Figure 9-2 Server device configuration

Step 3: Link server channel from the available list.

add server

device config link channel link library

1 2 3

linked channels

index	name	crop	scene
1	192.168.131....	<input checked="" type="radio"/>	<input type="radio"/>

remove all

cancel prev next

Figure 9-3 Server channel

Step 4: Select the face library.

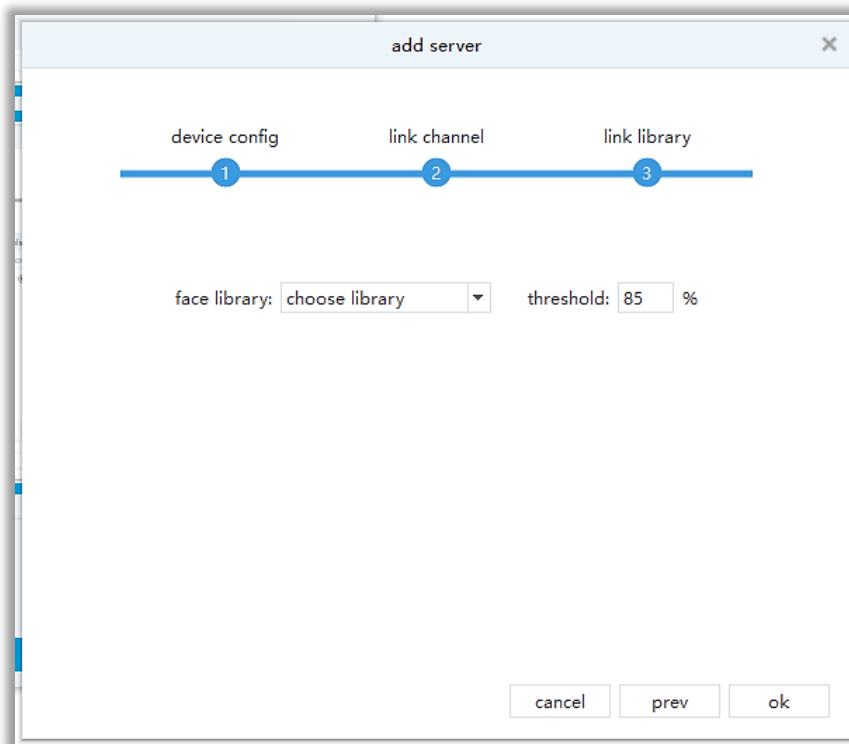


Figure 9-4 Server channel

Step 5: Set than the face of the server channel alarm arming time.

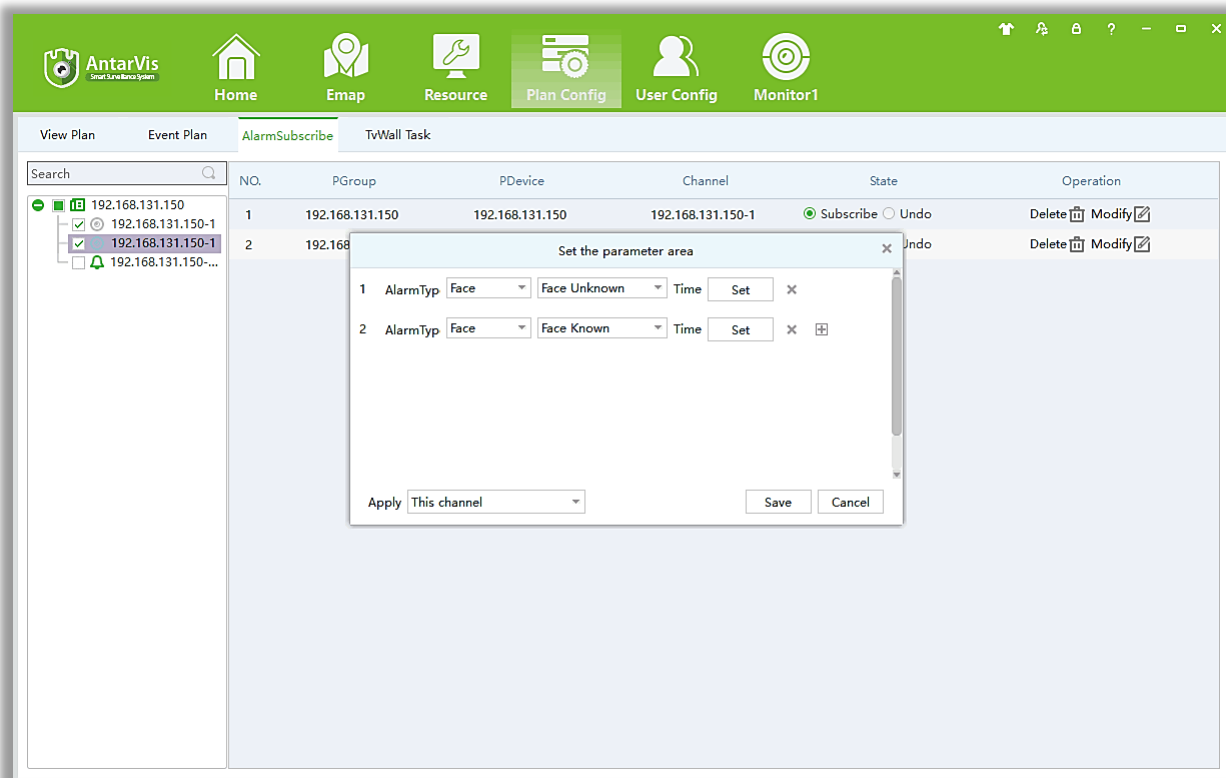


Figure 9-5 Than associated channel to server deployment time

10. Slave Config

10.1 Slave config

Slave Config steps are as follows:

Step 1: At the software homepage, click **【Slave Config】** to enter the management interface.

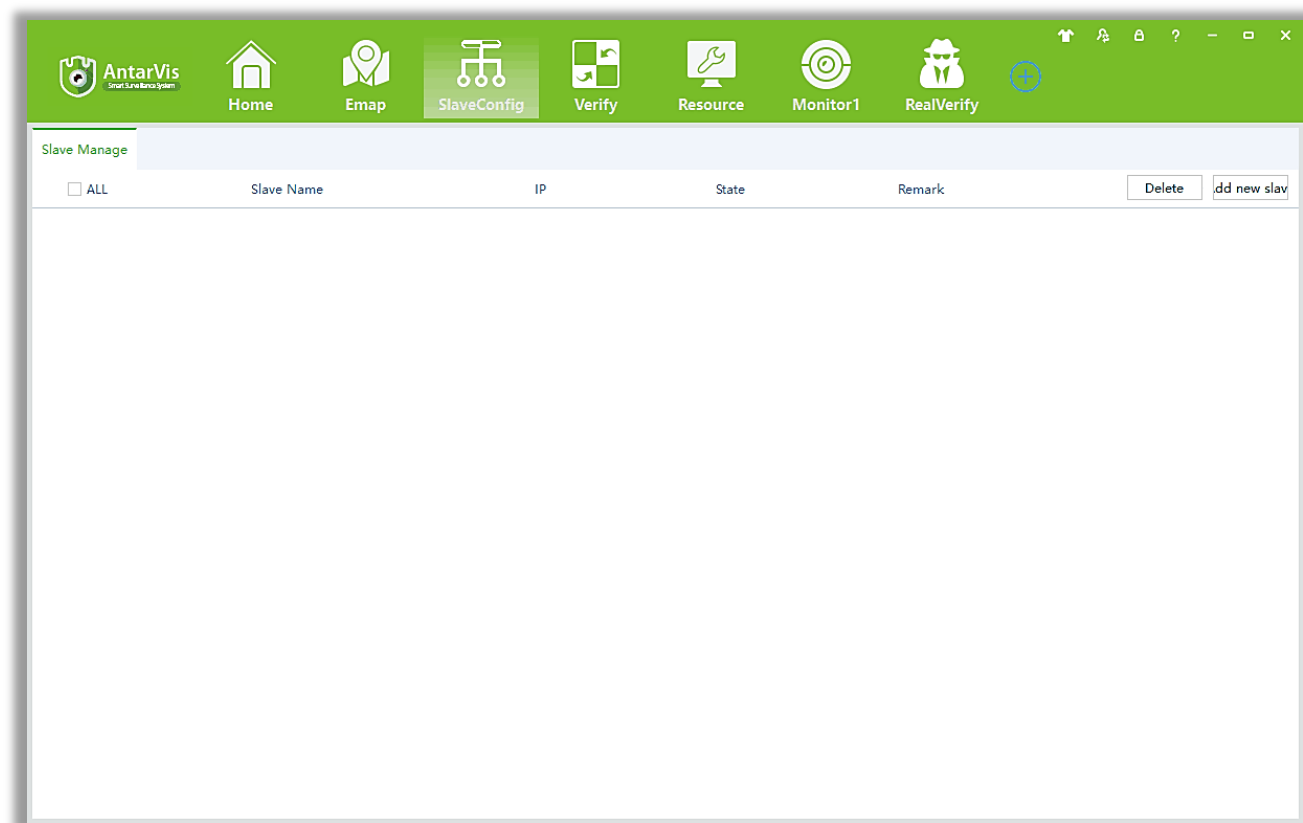


Figure 10-1 Slave config interface

Step 2: Click on the Add button and fill in the basic information to log into the device.

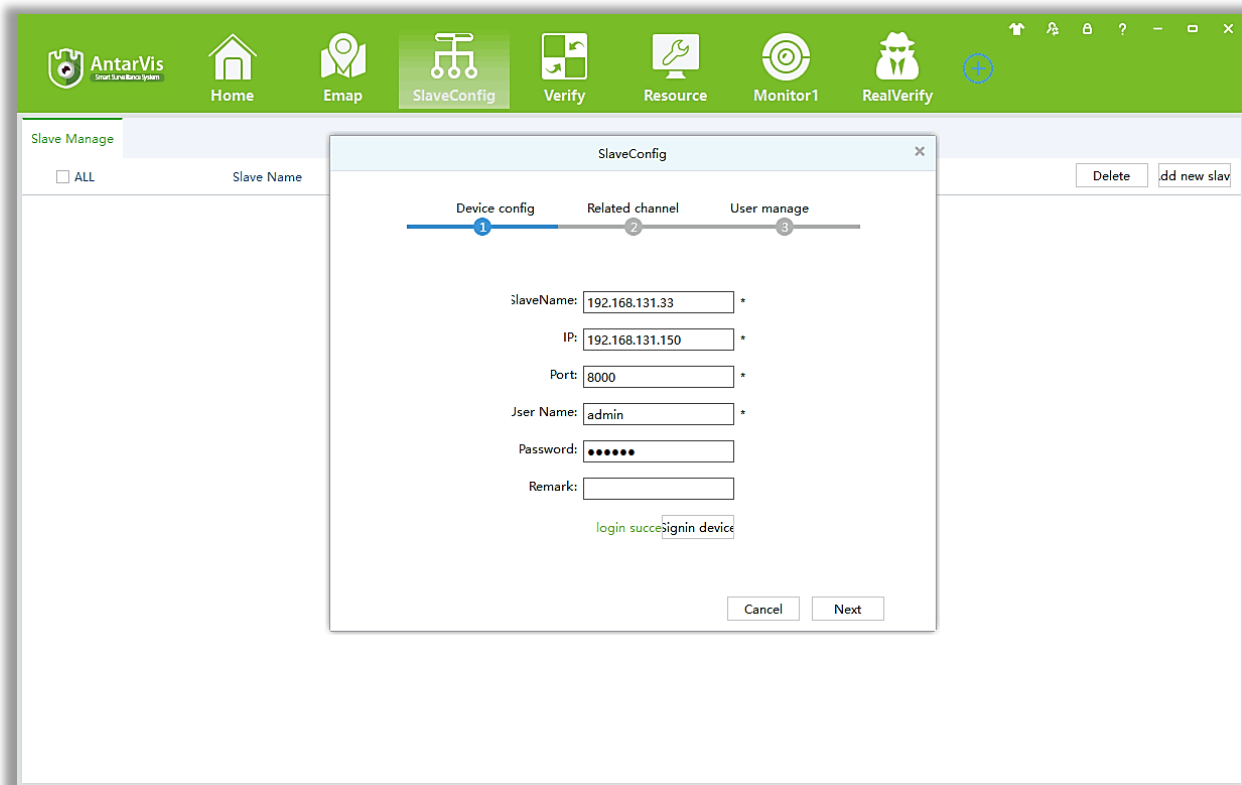


Figure 10-2 Log in from the station equipment

Step 3: Choose from associate the associated channel, the associated channel will appear in sorted order from the station on the local interface.

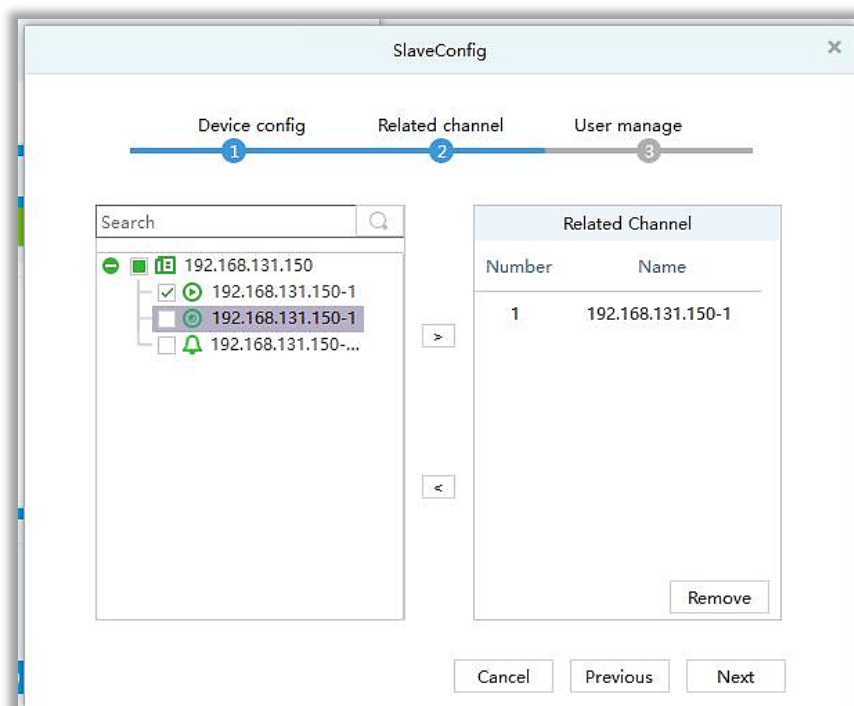


Figure 10-3 Associated channel

Step 4: Set the slave device users.

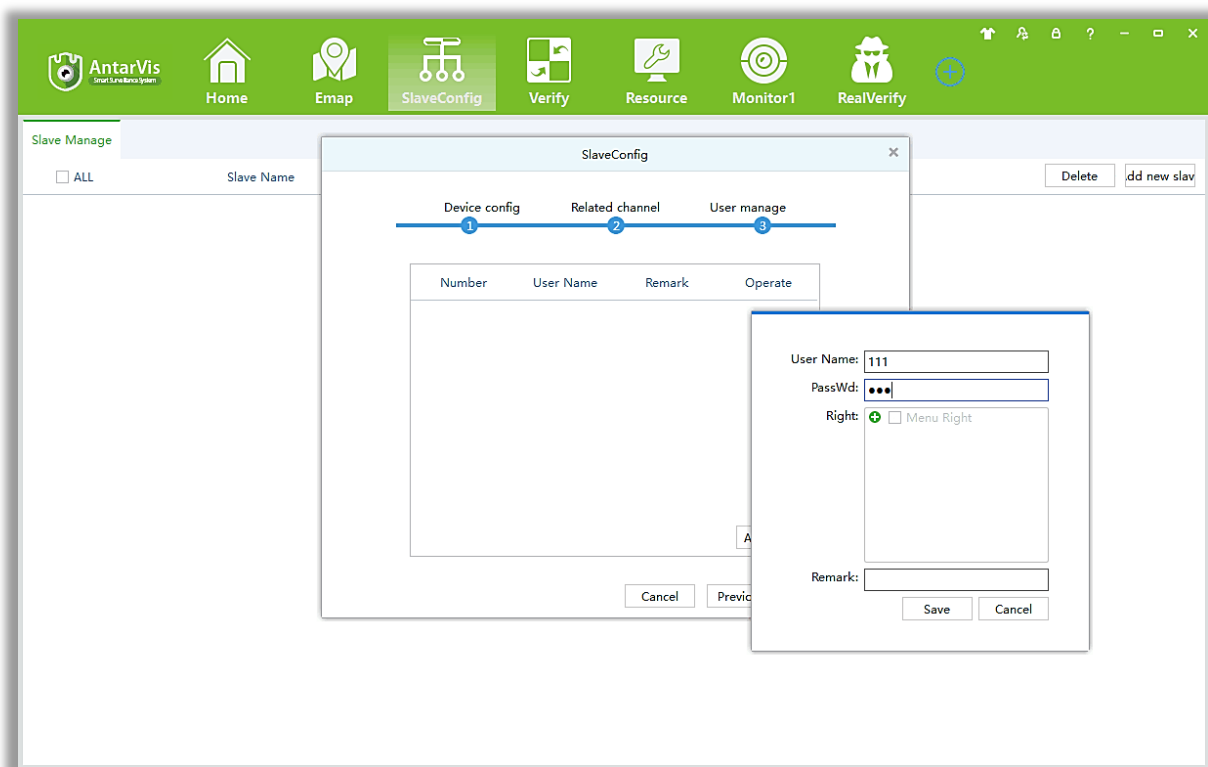


Figure 10-4 User settings from station

Step 5: Click **【Done】** to exit.

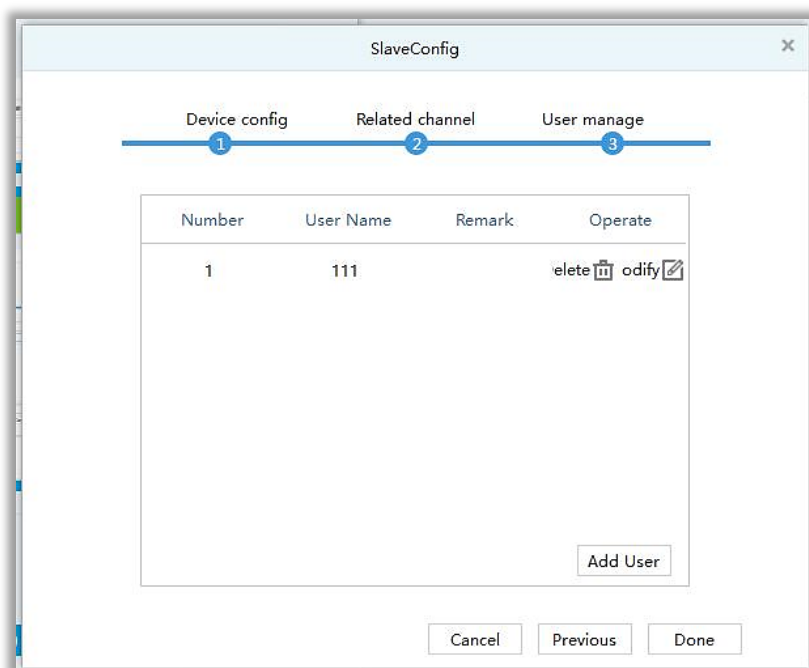


Figure 10-5 From configuration

10.2 Push Slave

Push Slave steps are as follows:

Step 1: Click on [Push Slave] on the event planning configuration interface.

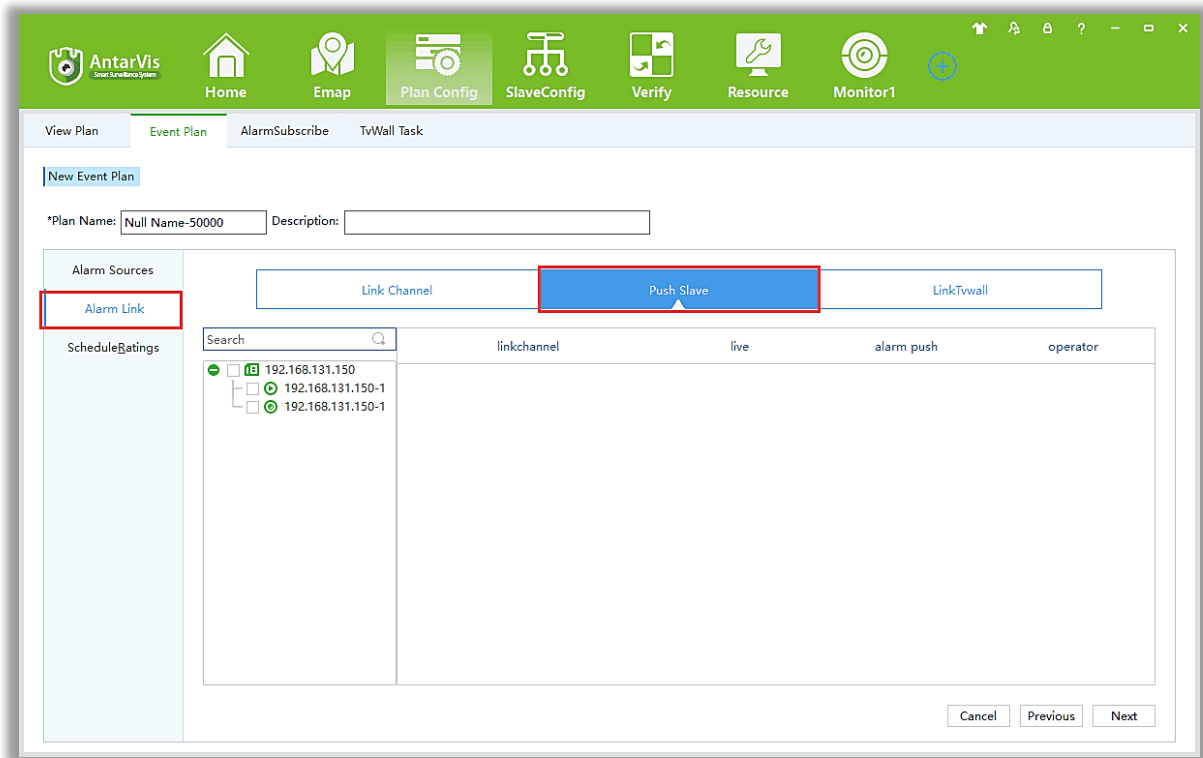


Figure 10-6 Setting push channel

Step 2: Select the desired channel to push the click operation.

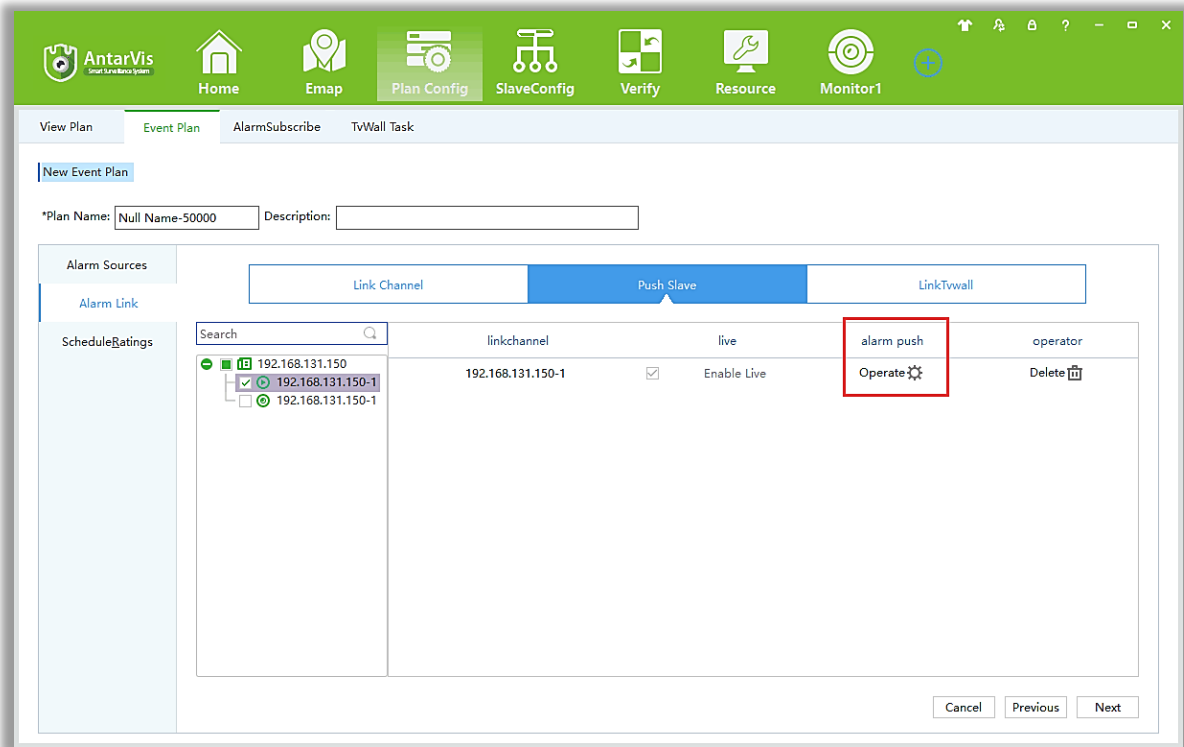


Figure 10-7 Setting push channel

Step 3: Select the desired display which is to be pushed from the station name and click **【Add】**.

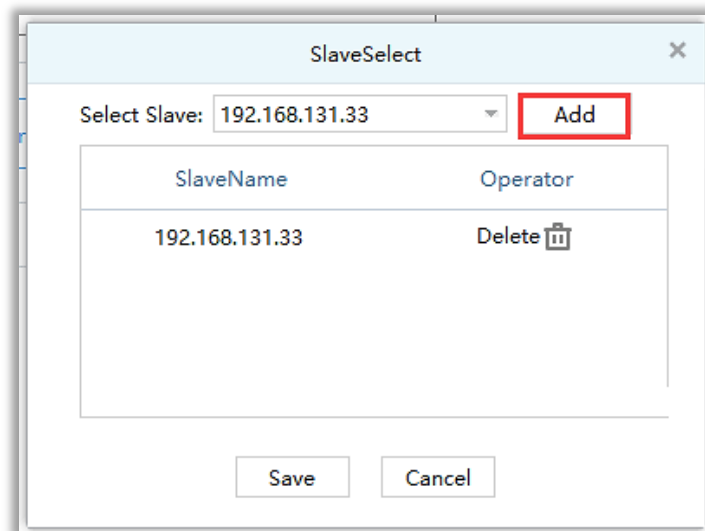


Figure 10-8 Select the push from the slave

11. User Management

Setting steps are as following:

11.1 User Configuration

User Config steps see below:

Step1: Click [User Config] on the software home page, **【User Config】** interface is shown in figure 11-1:

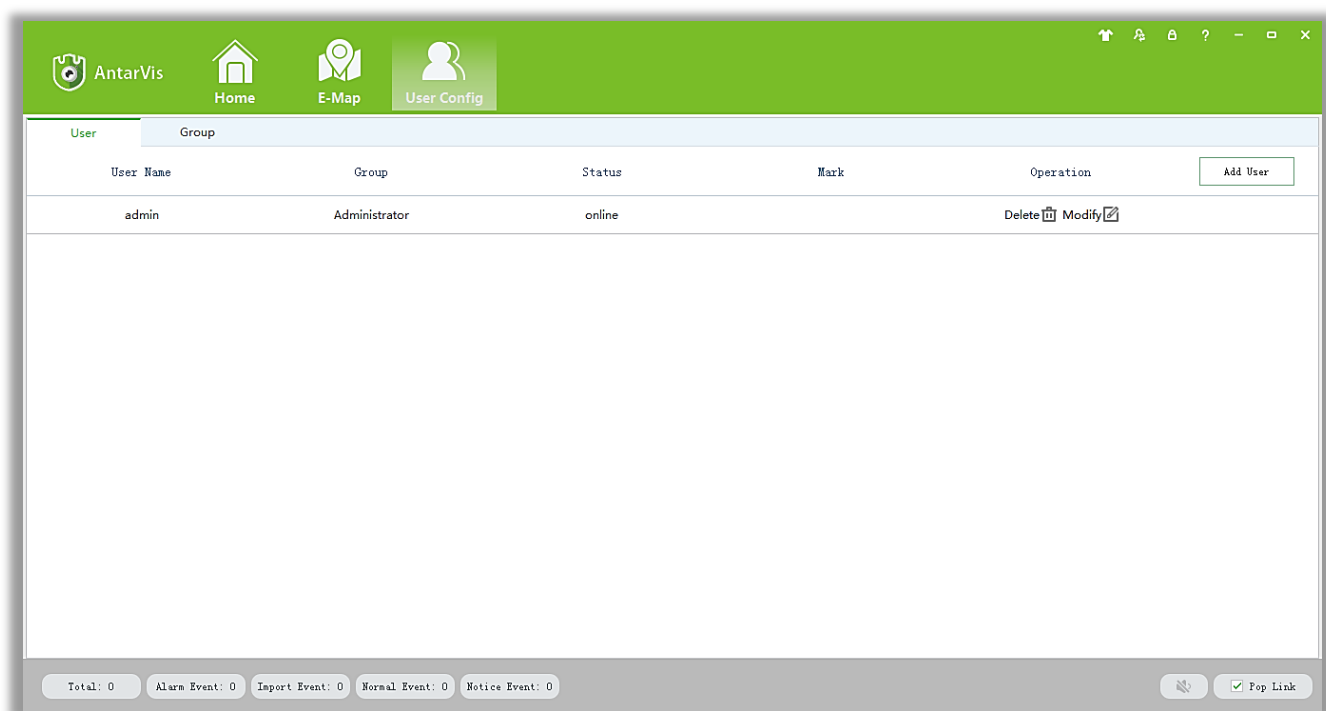



Figure 11-1 User Management

11.2 Software skin

Software theme can change the appearance of the system.

Step 1: At the right top of the system window, click on the  to open skin switching page, as shown in figure 11-2:

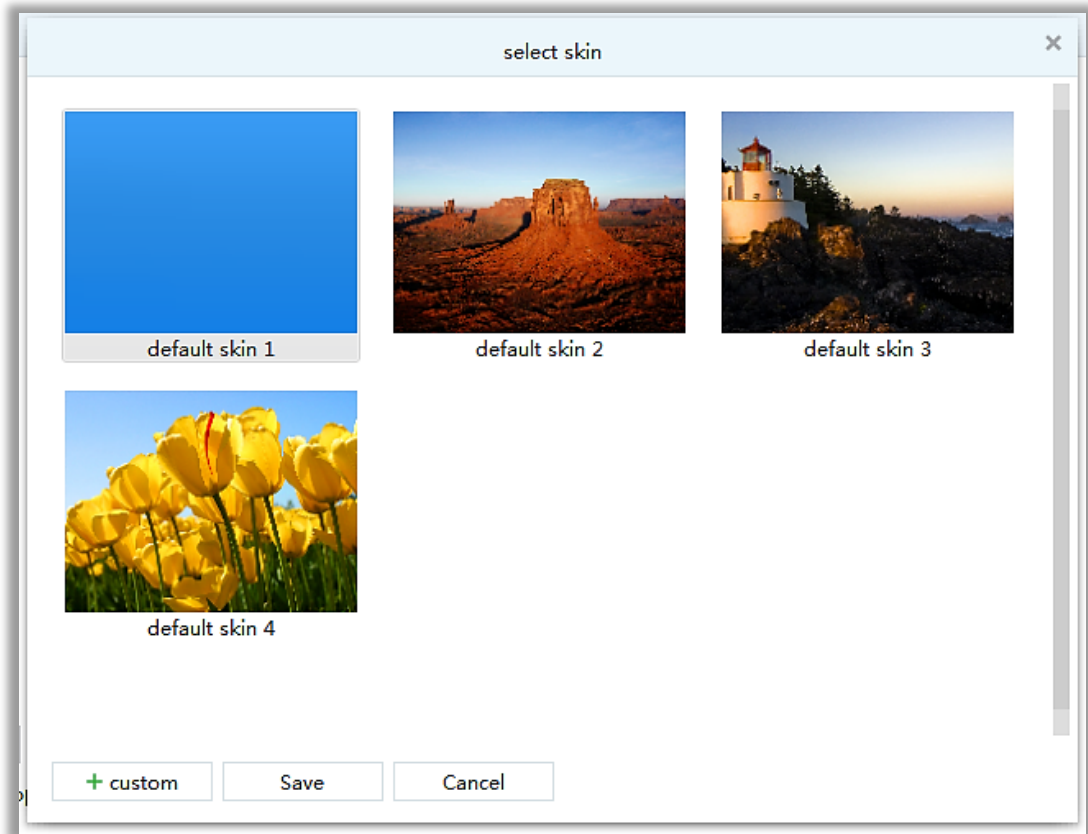


Figure 11-2 Skin Switching

Step 2: Choose desired system skin, or you can also customize the skin using a custom picture skin;

Step 3: Click **【Save】** to complete skin change.

ZK Building, Wuhe Road, Gangtou, Bantian, Buji Town,
Longgang District, Shenzhen China 518129
Tel: +86 755-89602345
Fax: +86 755-89602394
www.zkteco.com

