

VIVOTEK

A Delta Group Company

VIVOTEK IP Network Audio Solution

User Manual

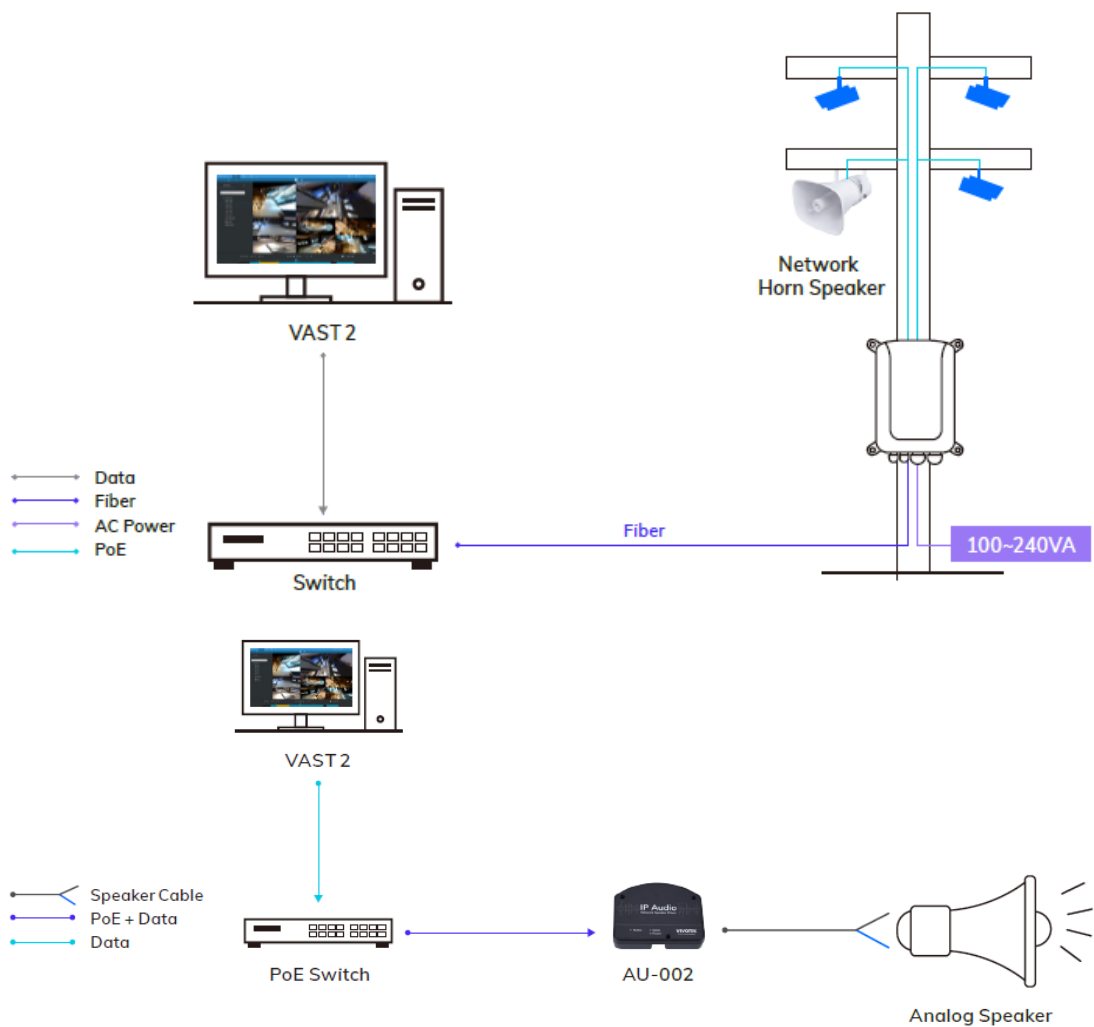
Version 1.0.0

1. Introduction

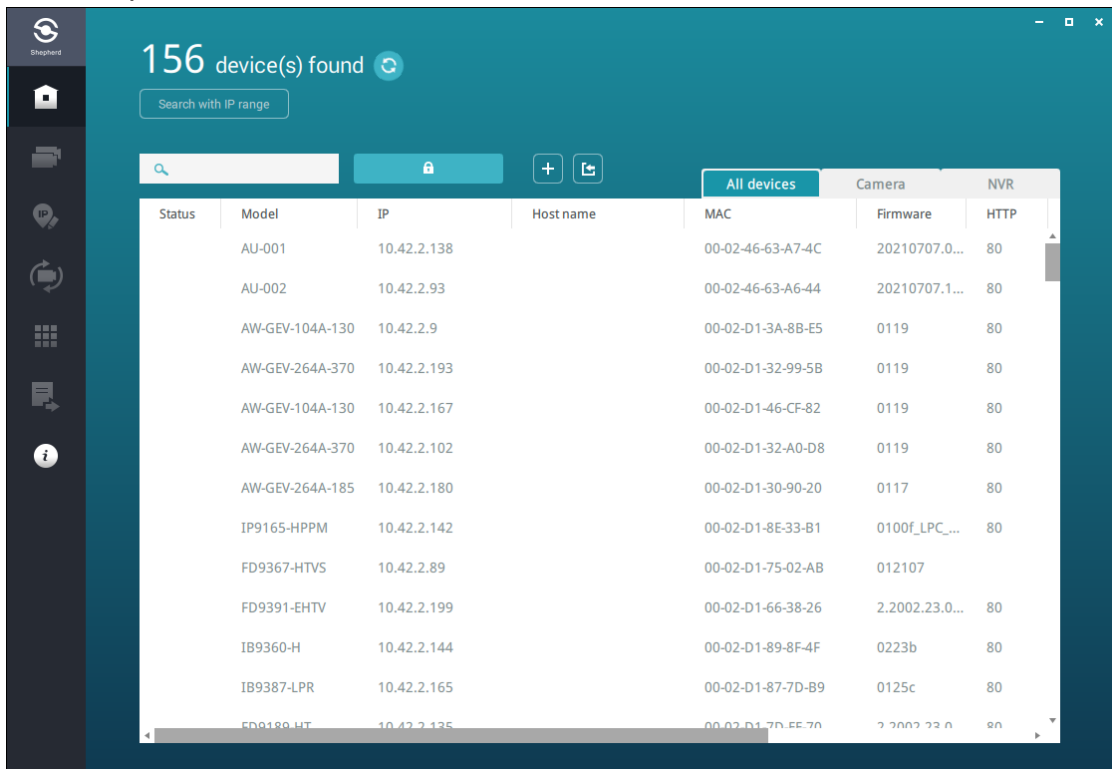
IP network audio devices with VAST2 VMS are the next generation network based on TCP / IP audio broadcasting technology, with standard SIP protocol to support one by one VoIP call or Multicast Broadcast protocol to allow users to broadcast multiple audio devices.

With VAST2 alarm management, all the triggering events can be set for auto broadcasting, this application has diverse usages on all scenarios, such as school, factory, transportation, retail...etc.

2. System Architecture



3. Use Shepherd to search for AU-001 & AU-002.



156 device(s) found

Search with IP range


Status	Model	IP	Host name	MAC	Camera	Firmware	NVR
	AU-001	10.42.2.138		00-02-46-63-A7-4C		20210707.0...	80
	AU-002	10.42.2.93		00-02-46-63-A6-44		20210707.1...	80
	AW-GEV-104A-130	10.42.2.9		00-02-D1-3A-8B-E5		0119	80
	AW-GEV-264A-370	10.42.2.193		00-02-D1-32-99-5B		0119	80
	AW-GEV-104A-130	10.42.2.167		00-02-D1-46-CF-82		0119	80
	AW-GEV-264A-370	10.42.2.102		00-02-D1-32-A0-D8		0119	80
	AW-GEV-264A-185	10.42.2.180		00-02-D1-30-90-20		0117	80
	IP9165-HPPM	10.42.2.142		00-02-D1-8E-33-B1		0100f_LPC_...	80
	FD9367-HTVS	10.42.2.89		00-02-D1-75-02-AB		012107	
	FD9391-EHTV	10.42.2.199		00-02-D1-66-38-26		2.2002.23.0...	80
	IB9360-H	10.42.2.144		00-02-D1-89-8F-4F		0223b	80
	IB9387-LPR	10.42.2.165		00-02-D1-87-7D-B9		0125c	80
	FD9189-HT	10.42.2.135		00-02-D1-7D-EE-70		2.2002.23.0...	80

Double click on AU-001 to open the web UI.

Username: admin

Password: 1234

(Password can be changed in Advance Setup -> System -> Administrator Settings)



VIVOTEK
A Delta Group Company

Simple Setup | Advance Setup

Home

- Broadcast Status
- Broadcast Record
- Audio Configure
- Broadcast Setup
- Advance Setup
- System
- WAN
- Backup/Firmware
- Reboot
- Language/ 語言
- Save Modification

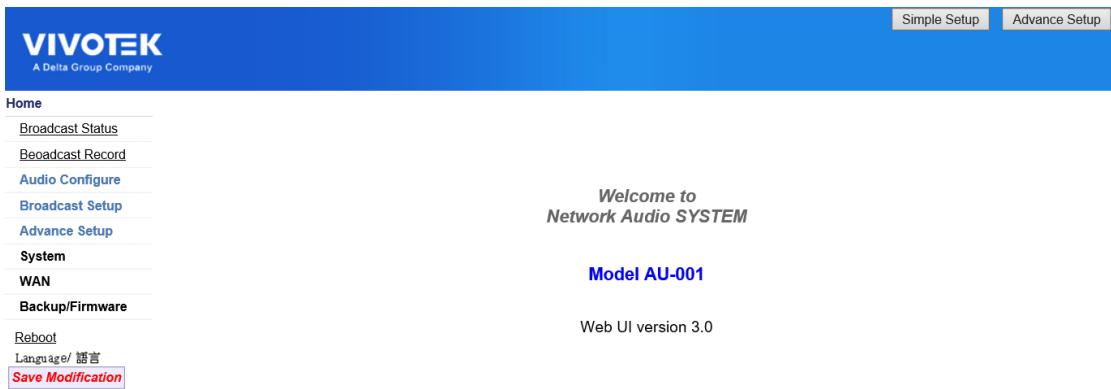
Welcome to
Network Audio SYSTEM

Model AU-001

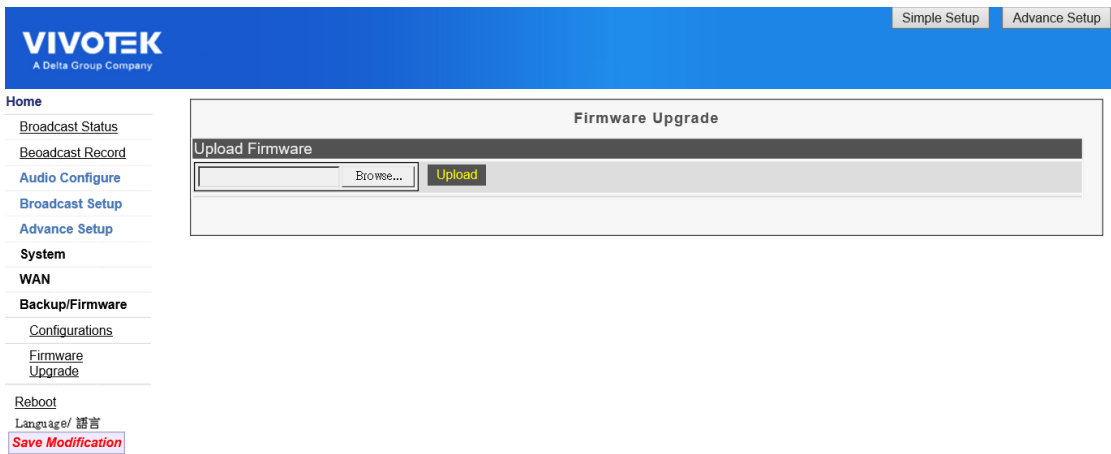
Web UI version 3.0

4. Upgrade FW

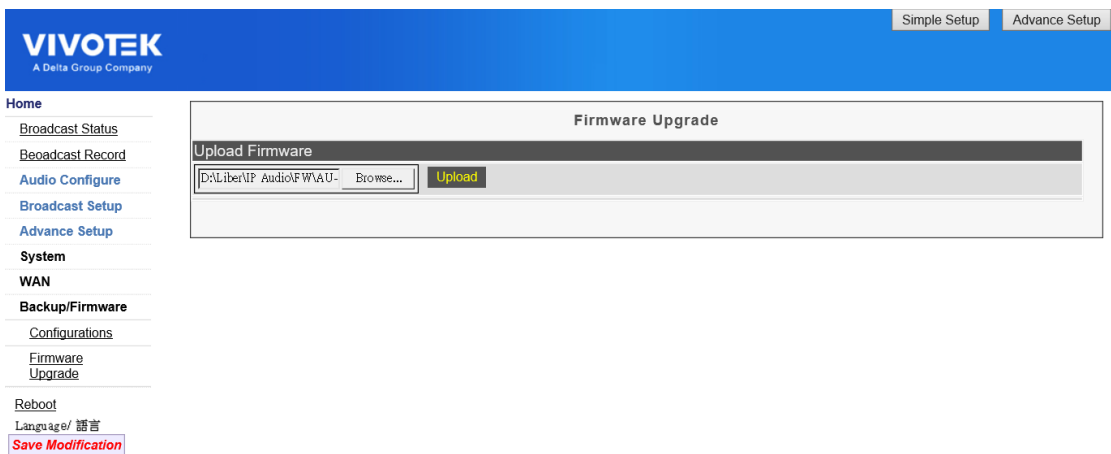
Sign in to the AU-001/AU-002 web page



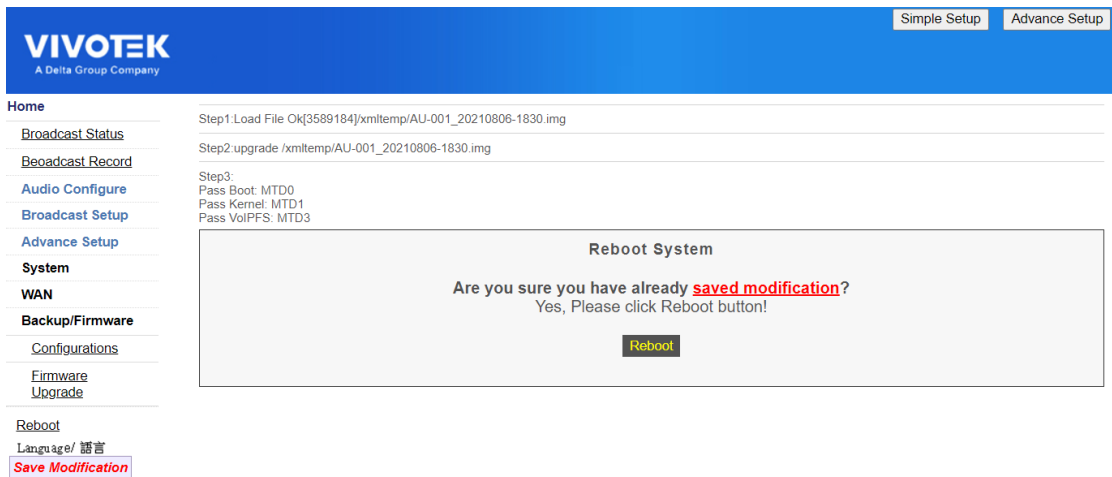
Click Backup/Firmwre and choose Firmware Upgrade, find Upload Firmware



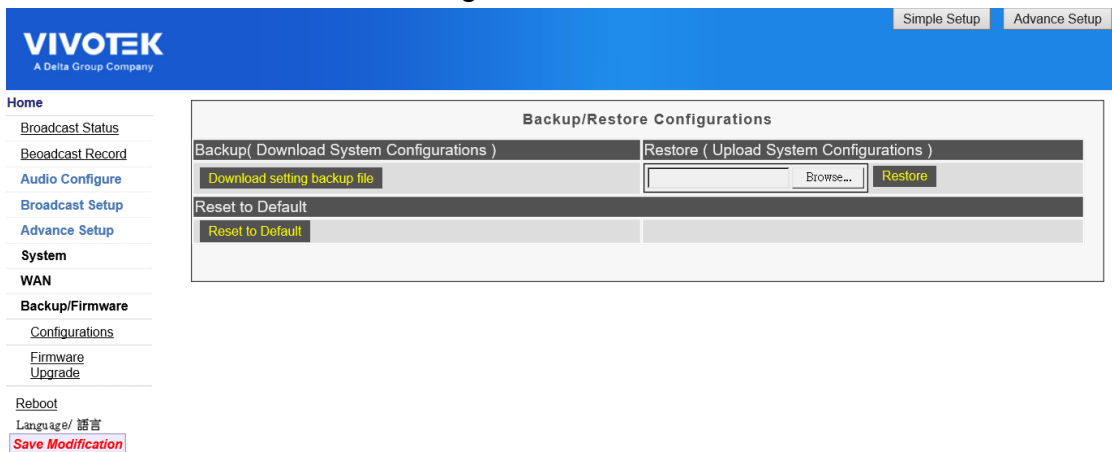
Choose F/W image and upload then press the Upload button



Reboot the device



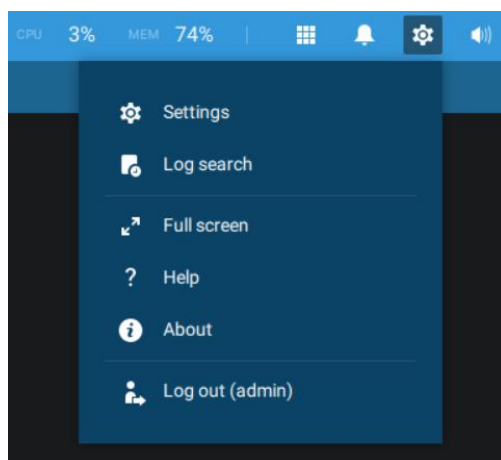
It is highly recommended to run Reset to default after a firmware upgrade, click Backup/Firmware, and next choose Configurations, press Reset to Default button to reset the setting.

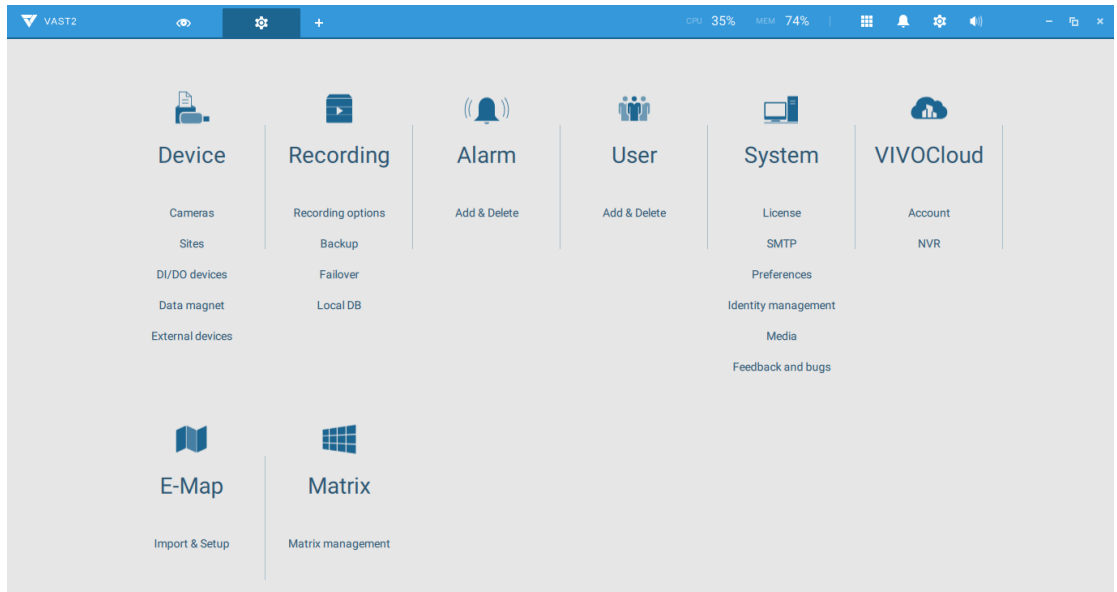


5. VAST2 Setup

Install VAST2_ 2.12.0.5123 (64-bit) Server and Client.

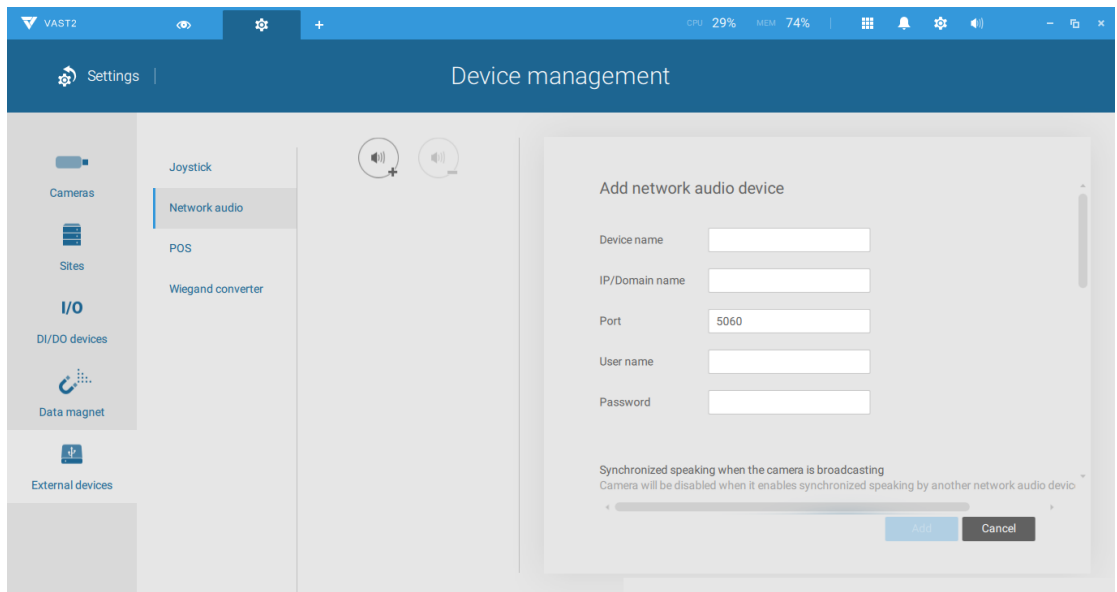
a. Go to Settings

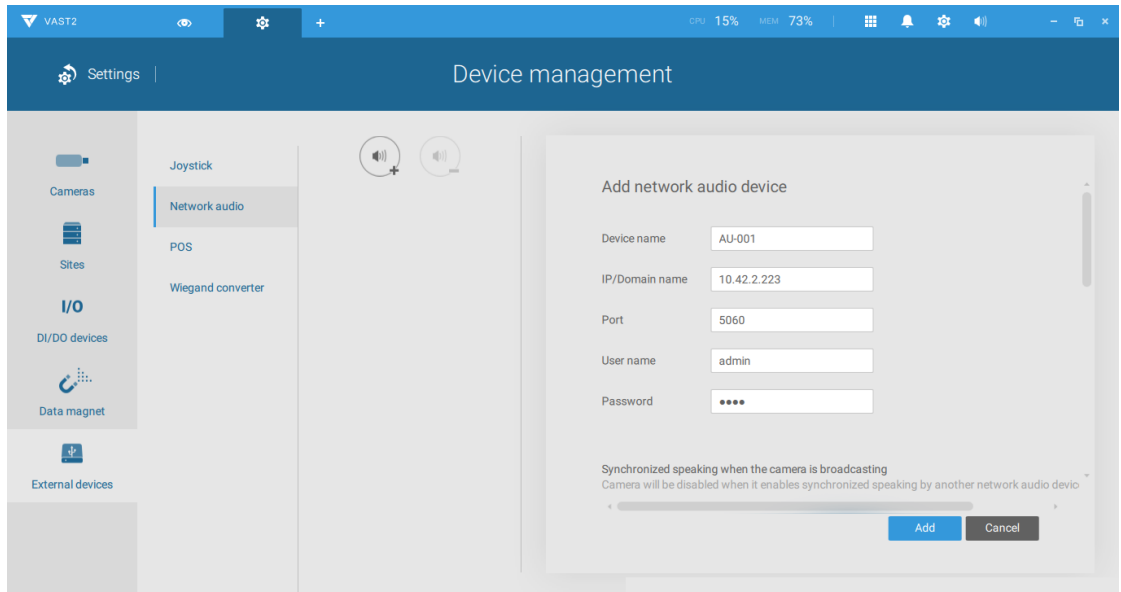




Go to Device / External Devices.

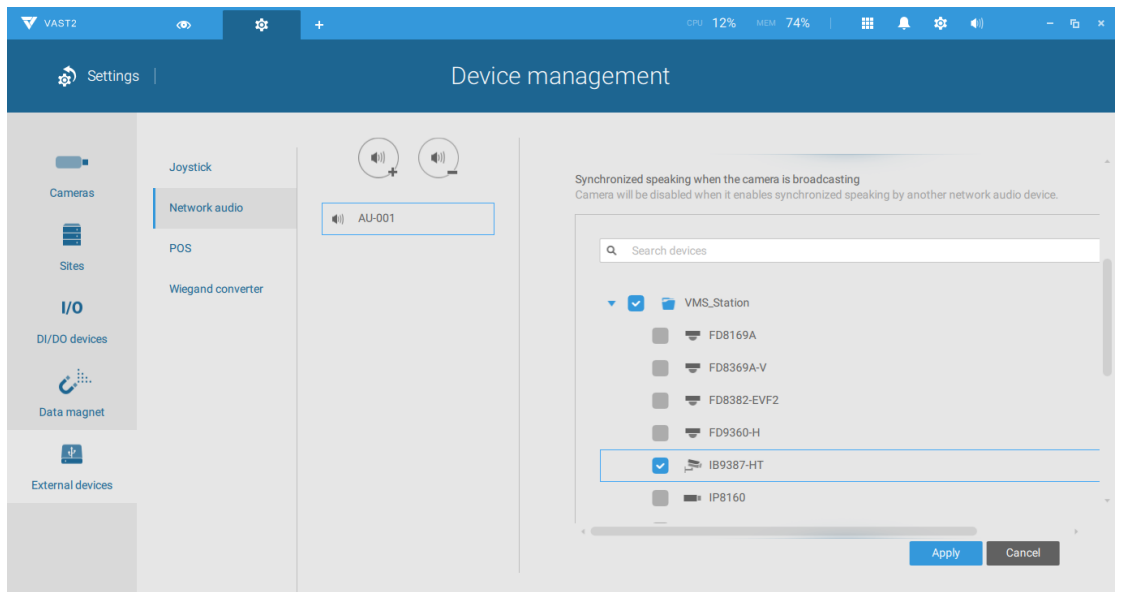
b. Click on Network Audio and Add to enter your audio device.





*The port number is 5060 for AU-001 and AU-002.

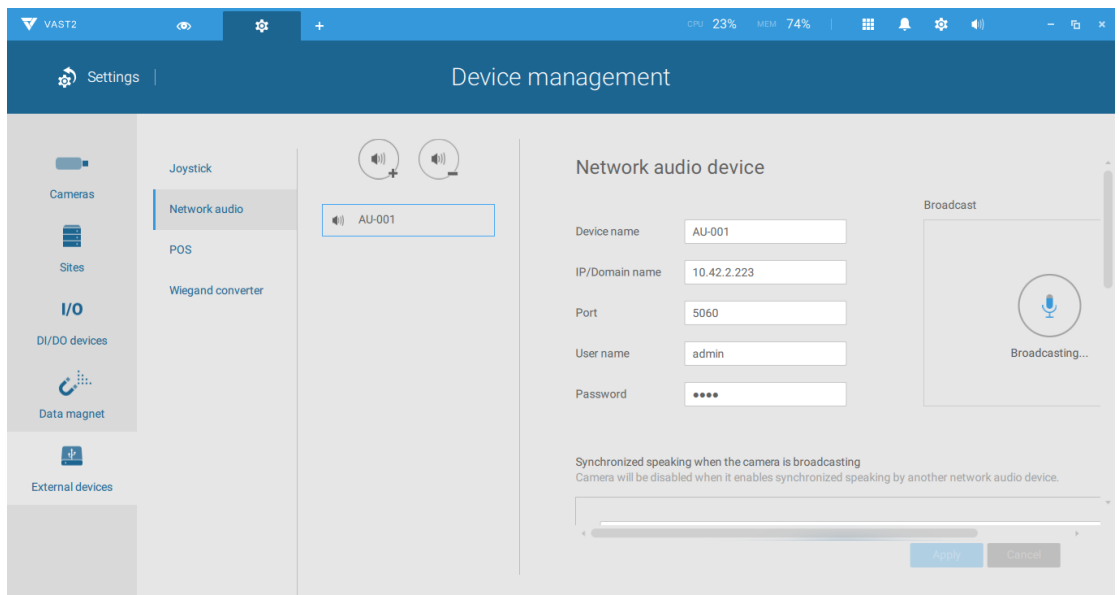
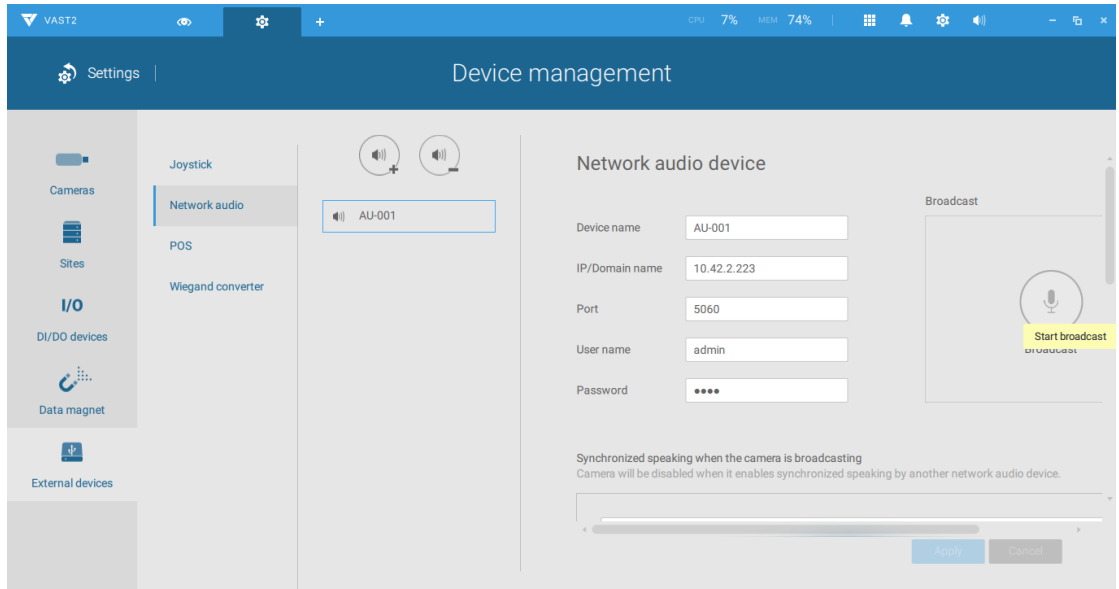
c. Binding a speaker with your IP camera.



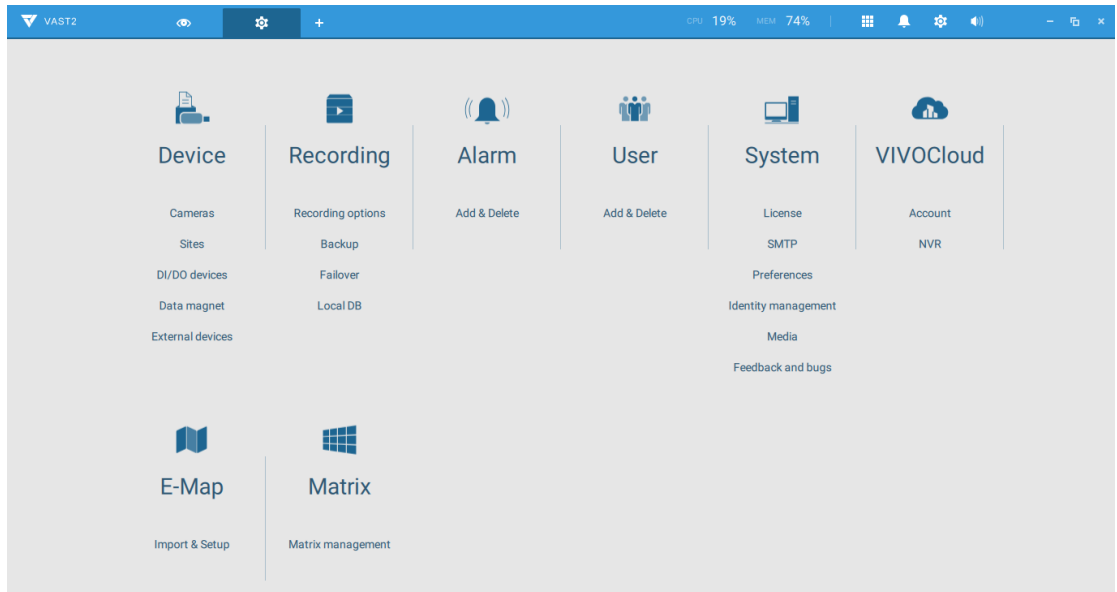
You can choose one or more cameras to synchronize a speaker with camera broadcast on the Liveview.

Click on Apply after setup.

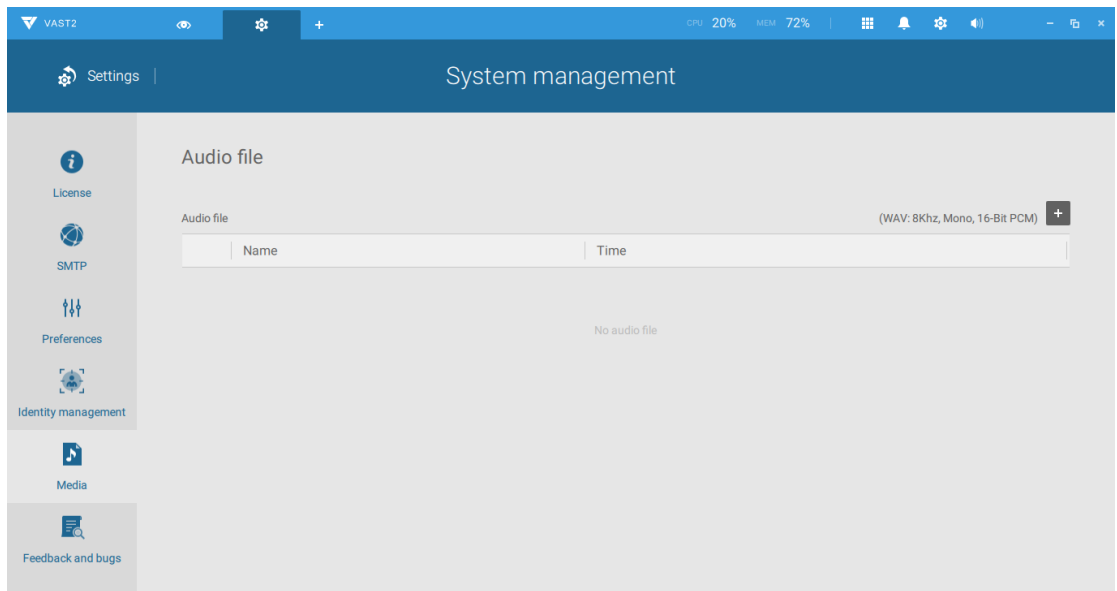
d. Click on Broadcast to test if the connection is established.

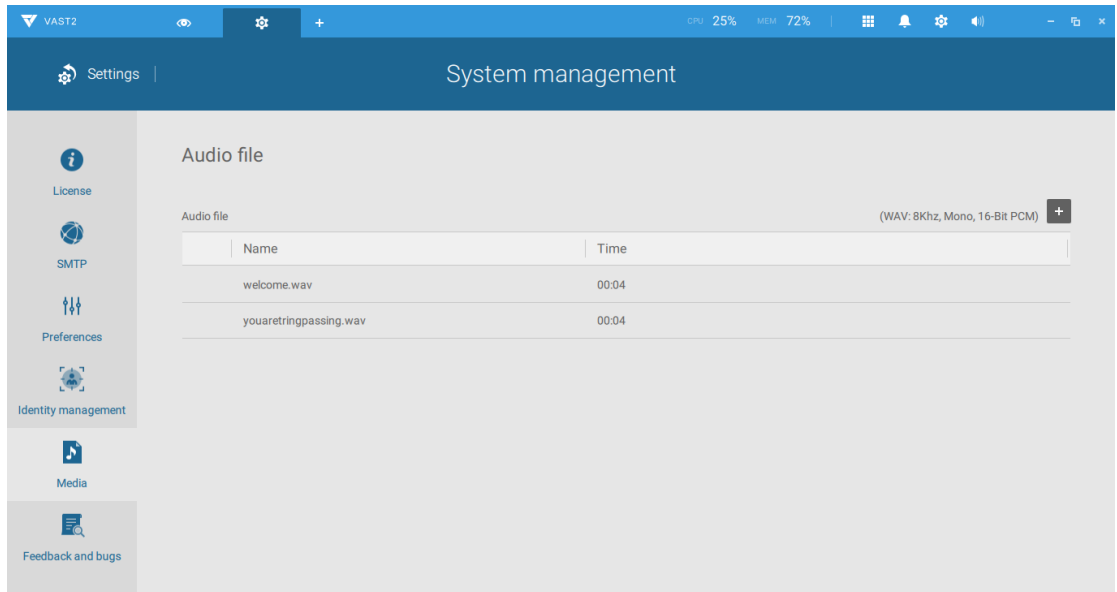


- e. One more click to stop the broadcast.
- f. Upload your broadcast audio files.
Go to System / Media.



Click on Audio file to upload your audio clip file.

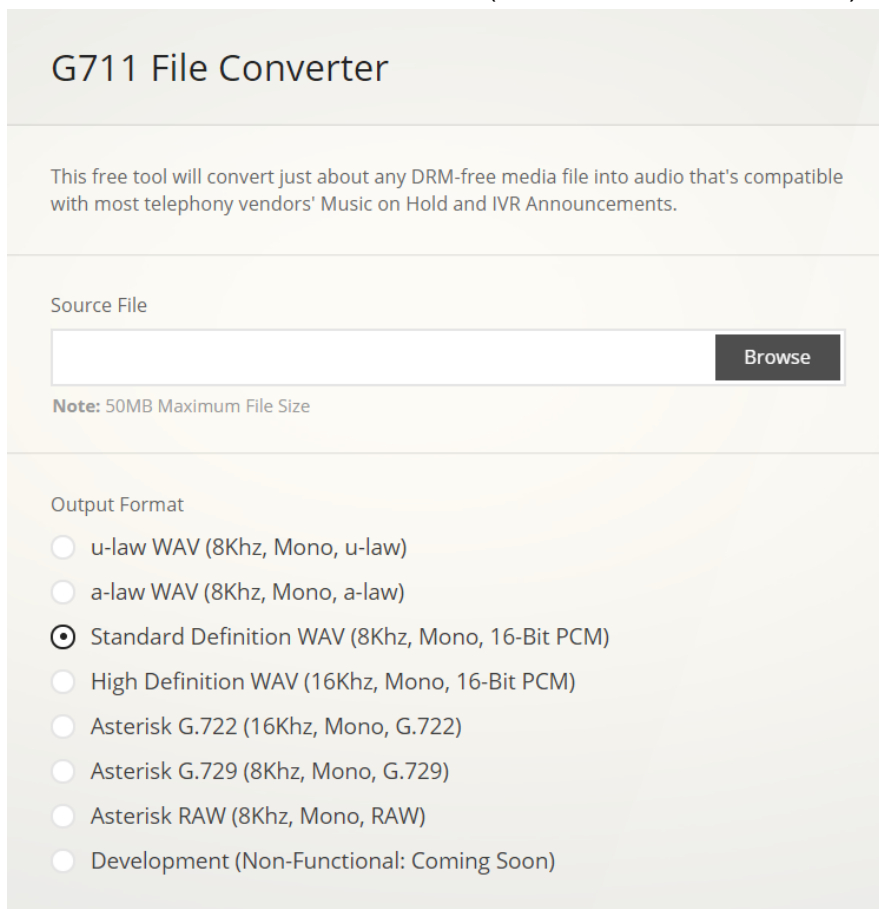




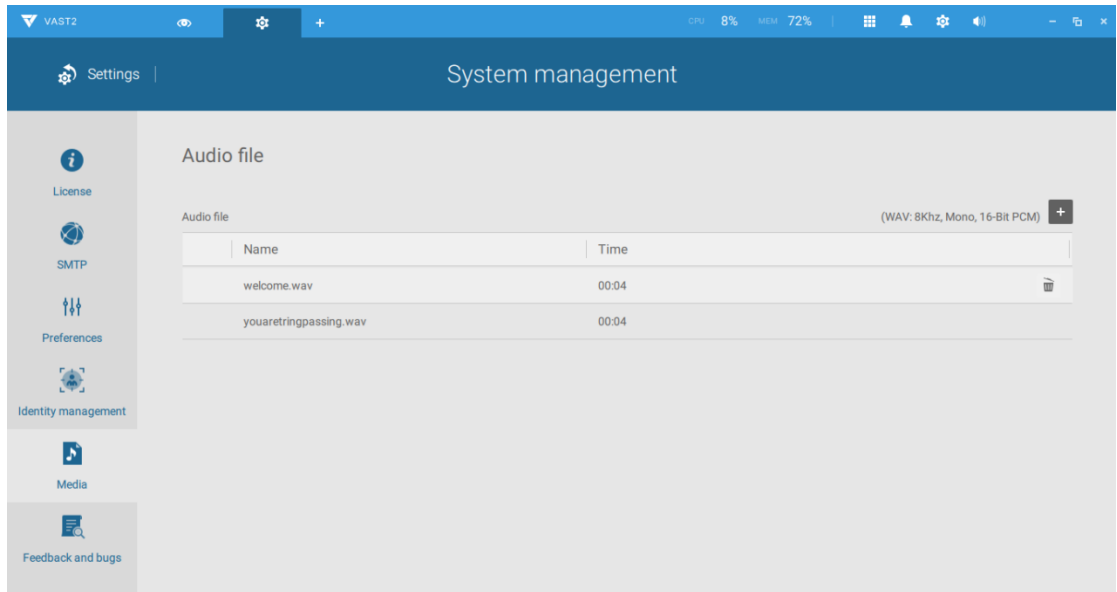
Please note that the audio format must be WAV with 8Khz, Mono, 16-Bit PCM.

You can use this website for free converter <https://g711.org/>.

Choose Standard Definition WAV (8Khz, Mono, 16-Bit PCM)



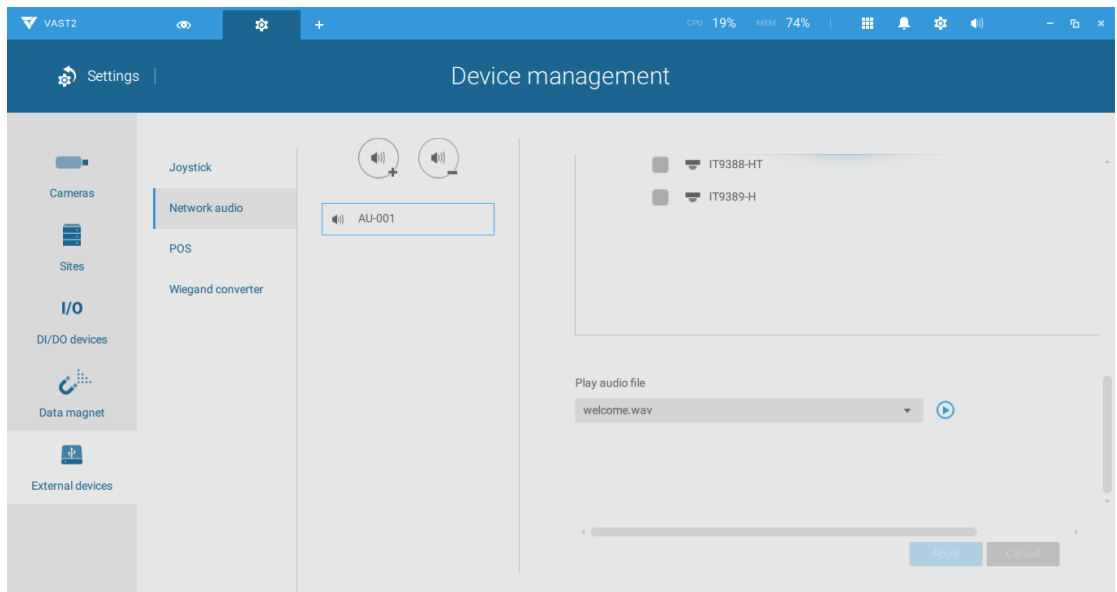
You can delete the file by a click on the trash can icon at the right side of file.



g. Test the sound on speaker.

Go to External Devices\Network Audio and select your speaker, then scroll down to the bottom.

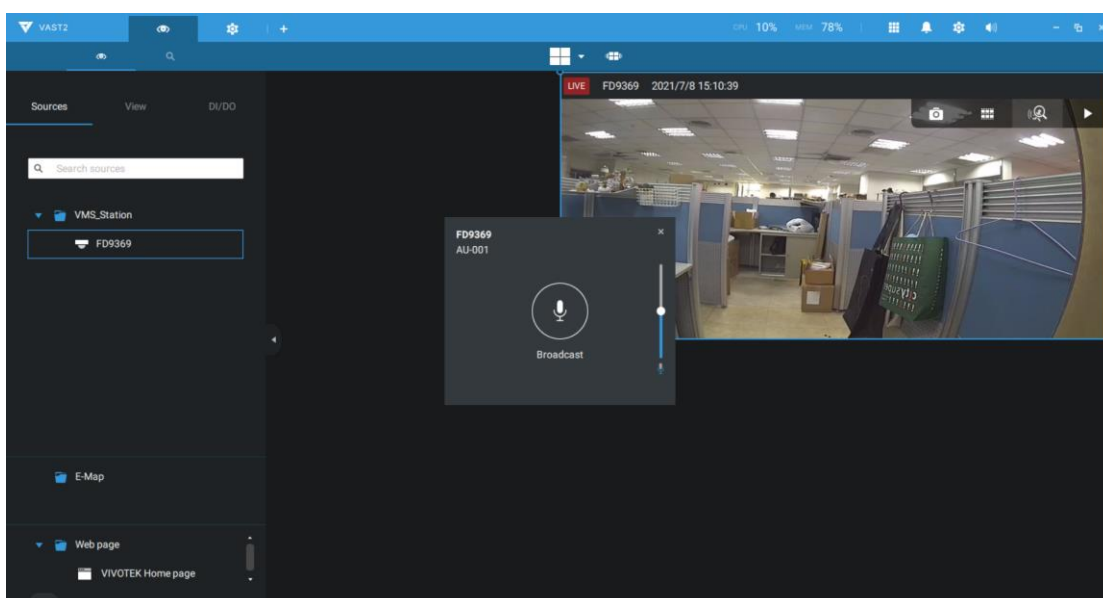
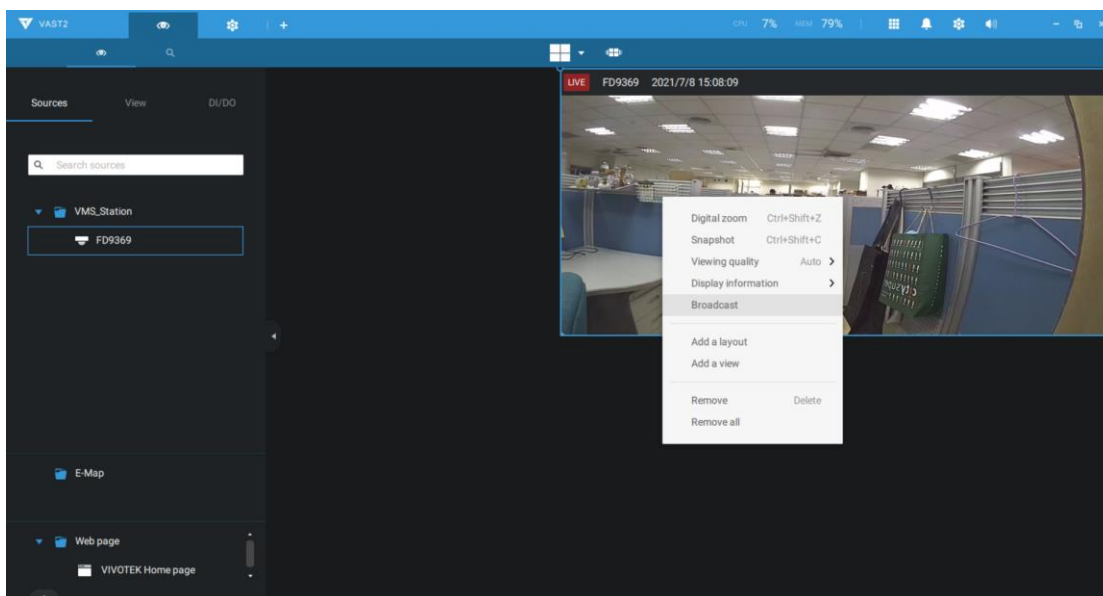
Choose the file you want to test and click on play, VAST2 will broadcast the file to speaker.



6. VAST2 Liveview Broadcast

Go to Liveview and drag the camera which have already been bound with a speaker on the view cell.

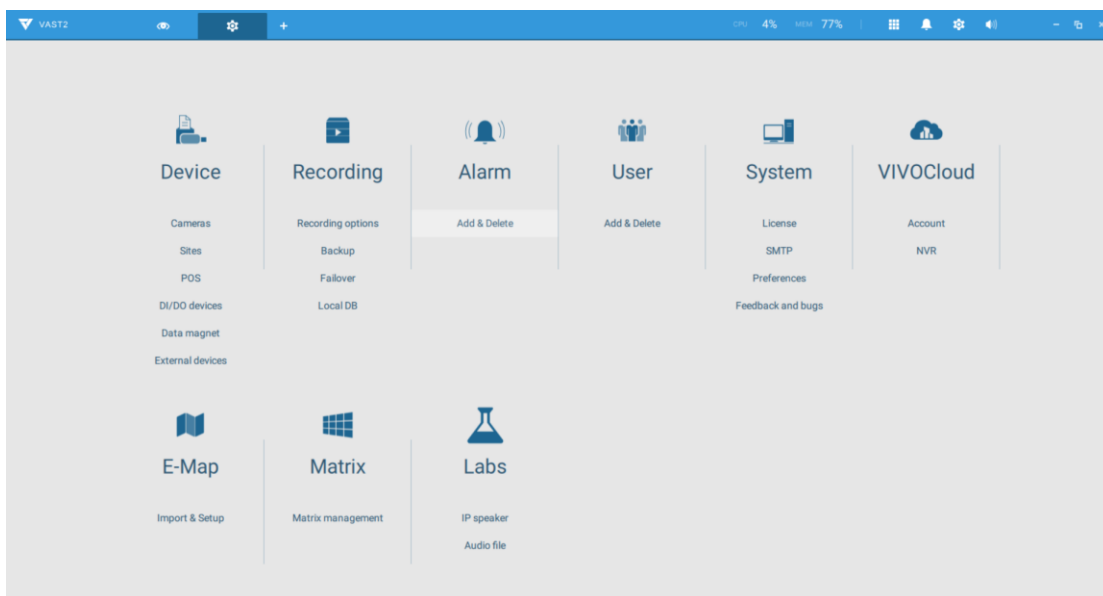
Right click on the view and choose Broadcast.



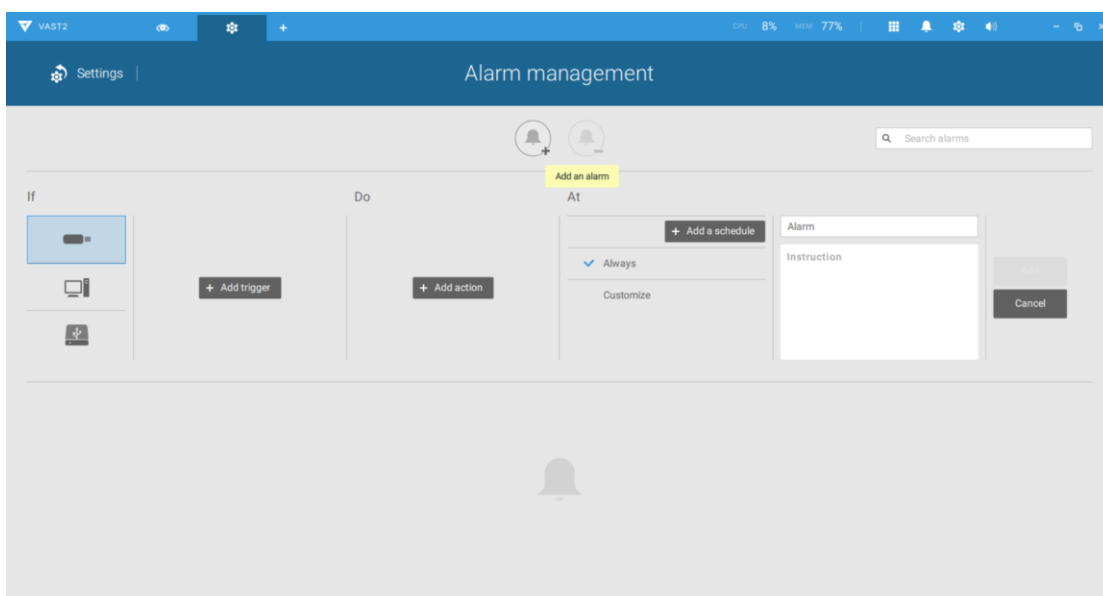
You can then see the microphone icon in the middle of VAST2.
Click on Braodcast and you can speak to the audio device.

7. VAST2 Alarm Setting

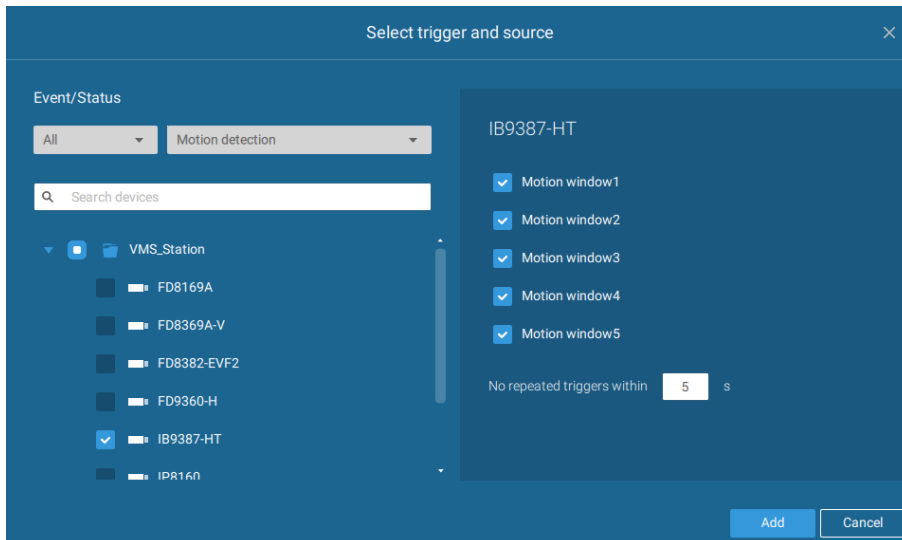
Go to Settings and click on Add & Delete.



Click on Add an alarm.

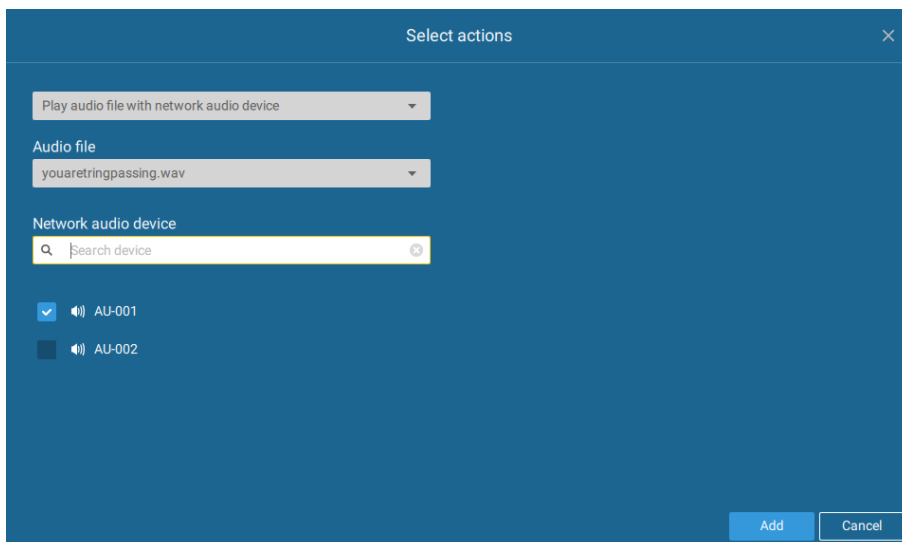


Add a triggering event and the camera you want to configure.

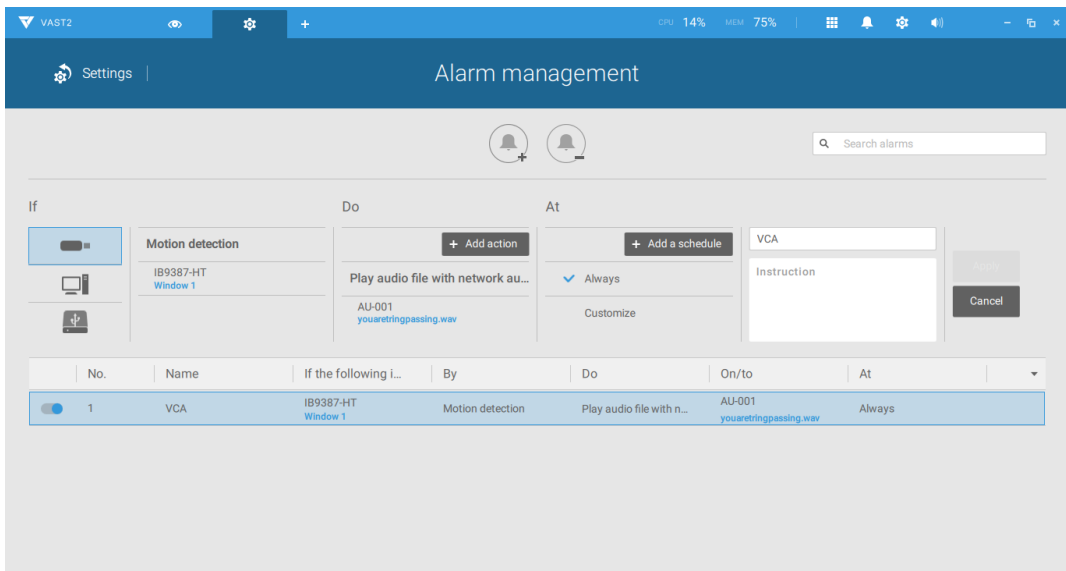
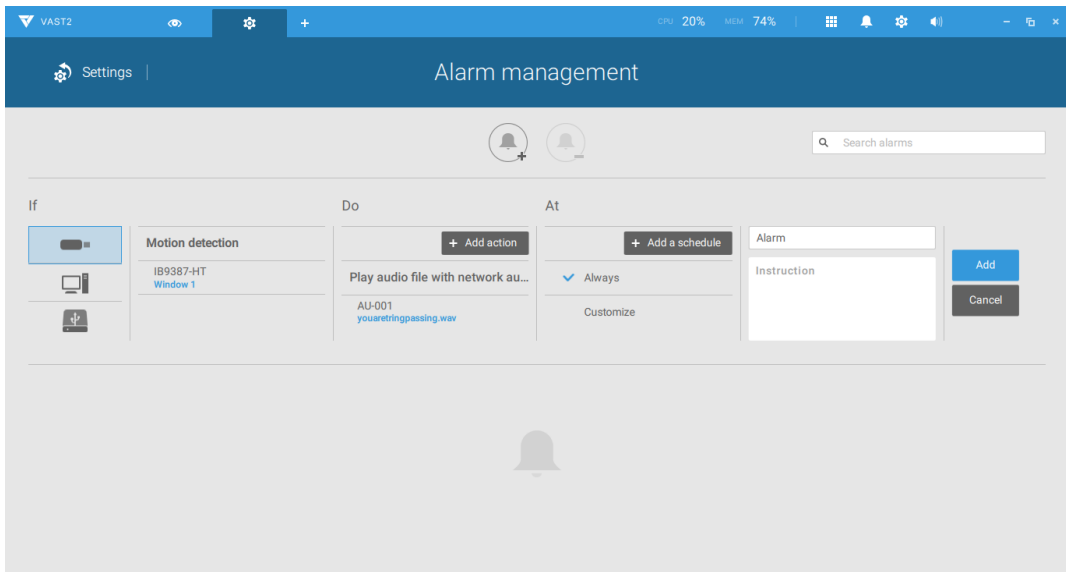


Add action.

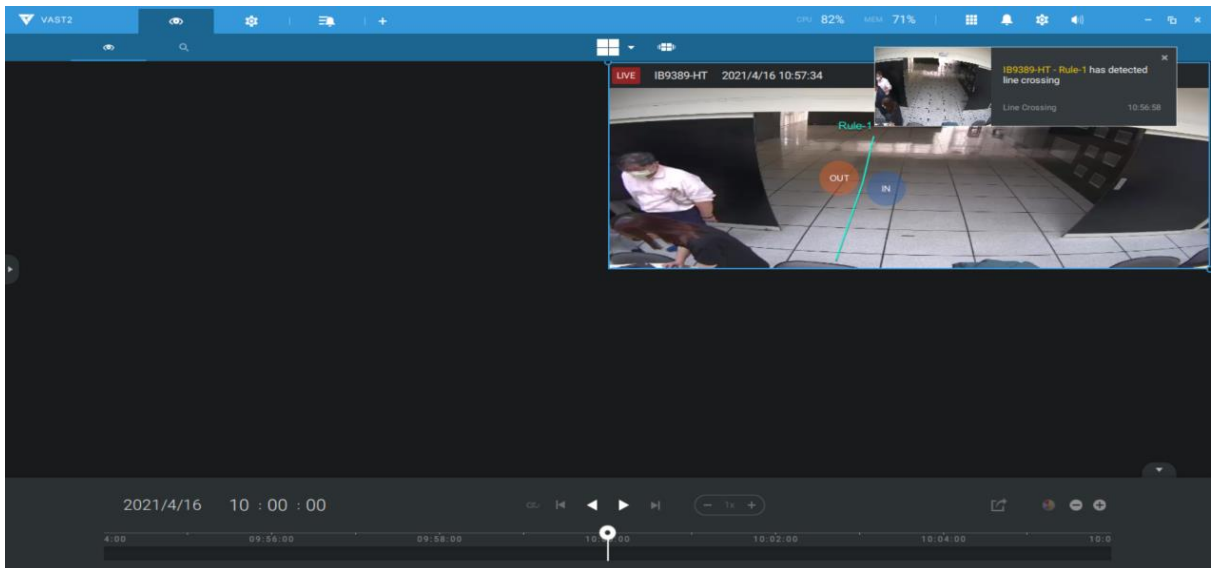
Select Play audio file with IP speaker then choose the audio file and device.
(Please upload audio file first, refer to section3-d.)



Choose a schedule and enter alarm name/instruction, then click Add.



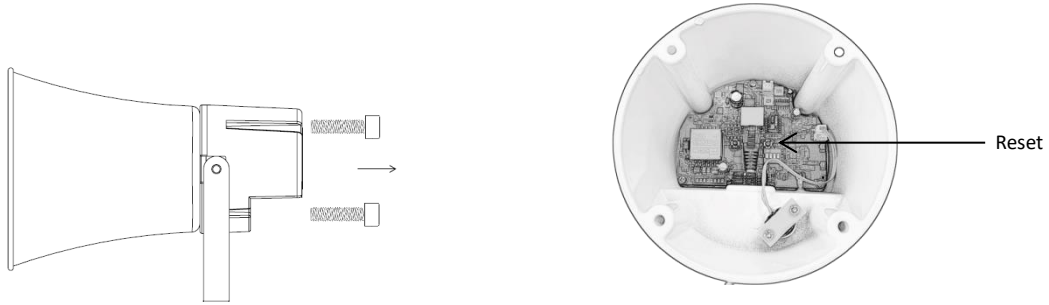
When an alarm is triggered, VAST2 will pop up with a recording clip and the IP speaker will broadcast the selected audio file automatically.



8. Reset to default

AU-001

Please remove the back cover from Network Audio Hom Speaker, you will find the reset button on the PCB board, power on AU-001, make sure the status green LED is on, press and hold the reset button for 5 seconds until the green LED turns Red and blinks then release.



AU-002

Please find the reset button on the AU-002 rear side, power on the AU-002, make sure the status green LED is on, press and hold the reset button for 5 seconds until the green LED turns Red and blinks then release.

