How to link the IP speaker DS-PA0103-A with a NVR 76-77-I series

The NVR was linked with the IP speaker + line crossing camera in the main Hikvision Mexico showroom, the idea is that when customers visit our showroom and cross the configured line, a pre-recorded message will be played: "Welcome to the Hikvision showroom"
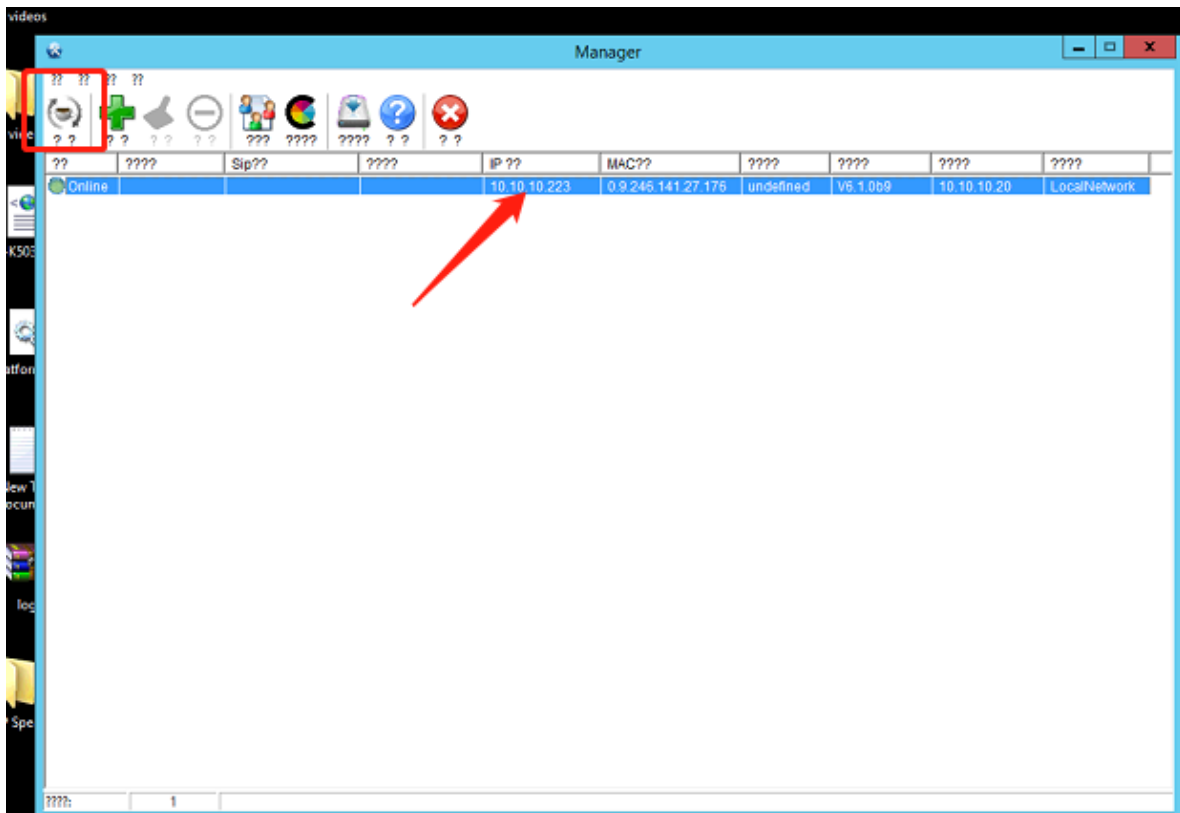
NVR model: DS-7732NI-I4 / 16P(B)

Firmware: V4.40.010 build 210402

IPSpeaker: DS-PA0103-A

Firmware: V6.1.0b9

IP speaker configuration

We will use two tools to configure the IP speaker, the first is the Manager software, to locate the device we need this software since it is currently not possible to locate it through SADP

Once the IP is configured, we can access the interface of the IP speaker via the web, the **default user is admin and the password is 1234**
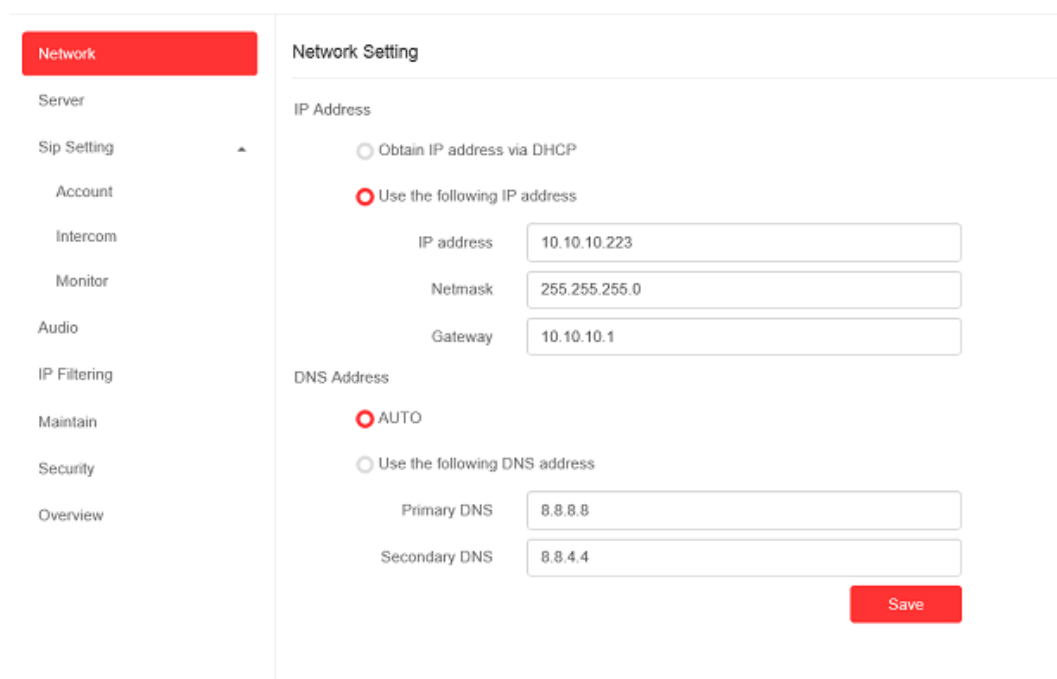
HIKVISION

Login	DS-PA0103
Username		
Password	
	Sign in

We can set the network parameters directly in this interface

Network	Network Setting
Server	IP Address
Sip Setting ▲	○ Obtain IP address via DHCP
Account	● Use the following IP address
Intercom	IP address 10.10.10.223
Monitor	Netmask 255.255.255.0
Audio	Gateway 10.10.10.1
IP Filtering	DNS Address
Maintain	● AUTO
Security	○ Use the following DNS address
Overview	Primary DNS 8.8.8.8
	Secondary DNS 8.8.4.4
	Save

In Server module we need to config the IP of our NVR and port, in server User set the admin and password of the IPSpeaker

Server

Server IP	10.10.10.200
Server Port	8877

Server User

User Name for Server	admin
Password for Server	••••

Save

Also you can set this port if in the future you want to connect with Hikcentral 2.1

Network	Multicast Monitor
Server	
Sip Setting	Monitor Address
Account	Priority	Address ?
Intercom	1	0.0.0.0:9999
Monitor	2	
Audio	3	
IP Filtering	4	

upload audios to NVR directly

for this task we will use the IPSpeaker tool install and open, in this interface we can add the NVR
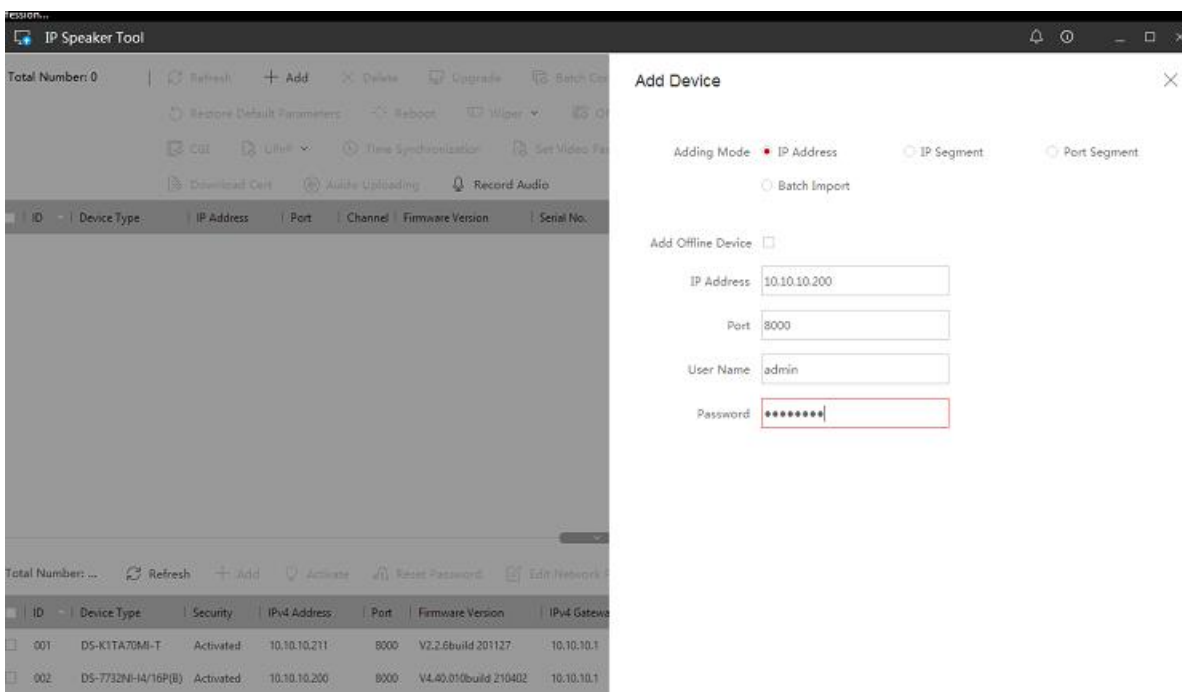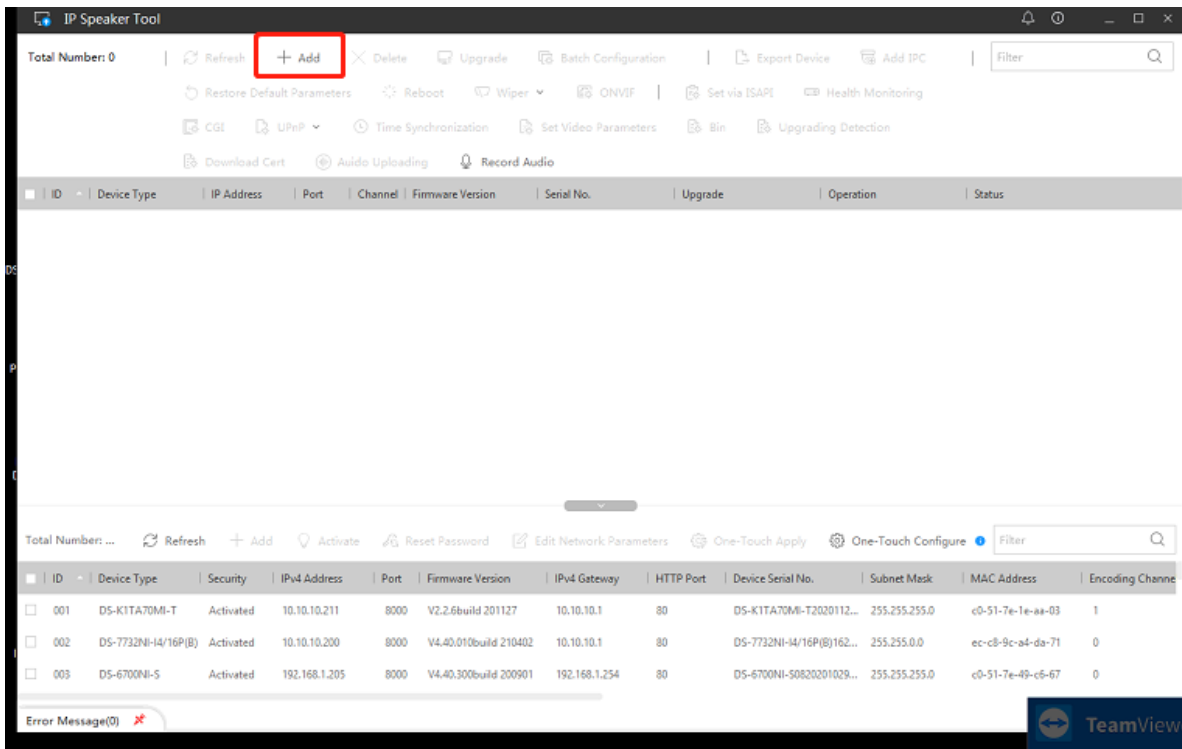
You can record an audio with the microphone of your computer or upload an pre-record audio, in this case I´ll to upload an pre-record audio>> audio uploading>> add>> select the audio in MP3 format less than 10MB
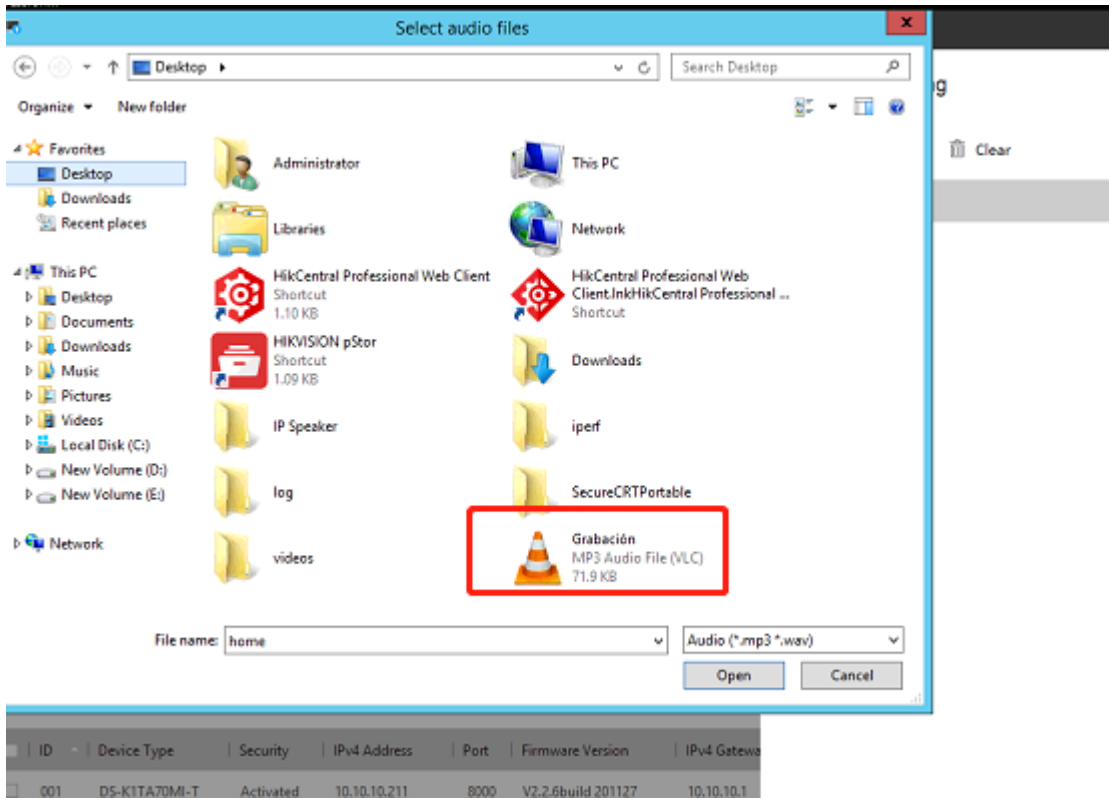
With this option you can check the uploading audios in NVR
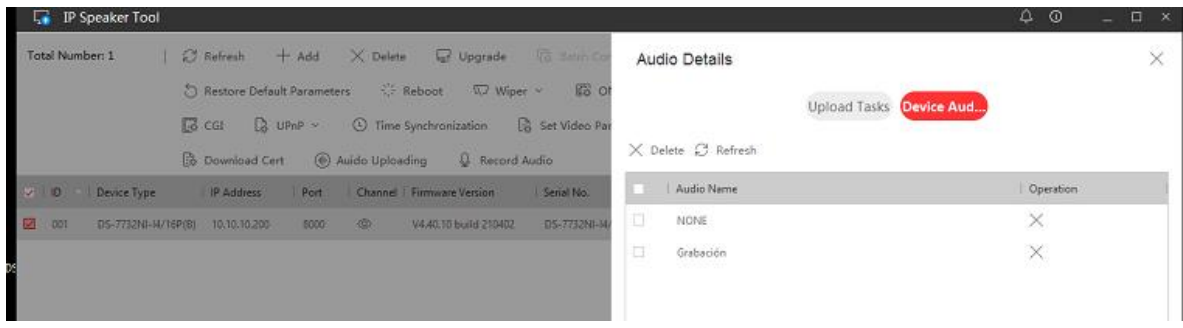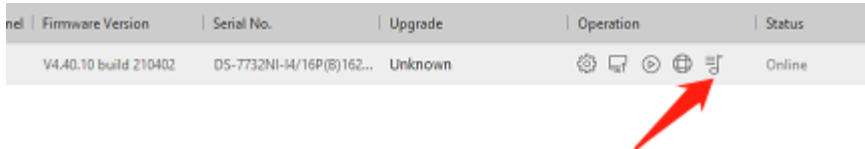
NVR configuration

make sure the device has the updated firmware

smart event>>Line crossing detection>> config the line crossing options>> play filename>> select the audio uploading

Arming schedule>> select the schedule

Linkage method>>trigger IP speaker

Network>>basic setting>>IPSpeaker>>select the speaker IP number, in this case it is speaker 1, enable the box >> assign a name to the device >> username >> password >> speaker IP >> port >> configure the volume >> select the camera with the line crossing (two cameras can be linked with the same IP speaker)

Return to IPSpeaker web interface to confirm if the device are connected to the NVR, in the Overview menu

once the device is connected, can start working