

## 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)

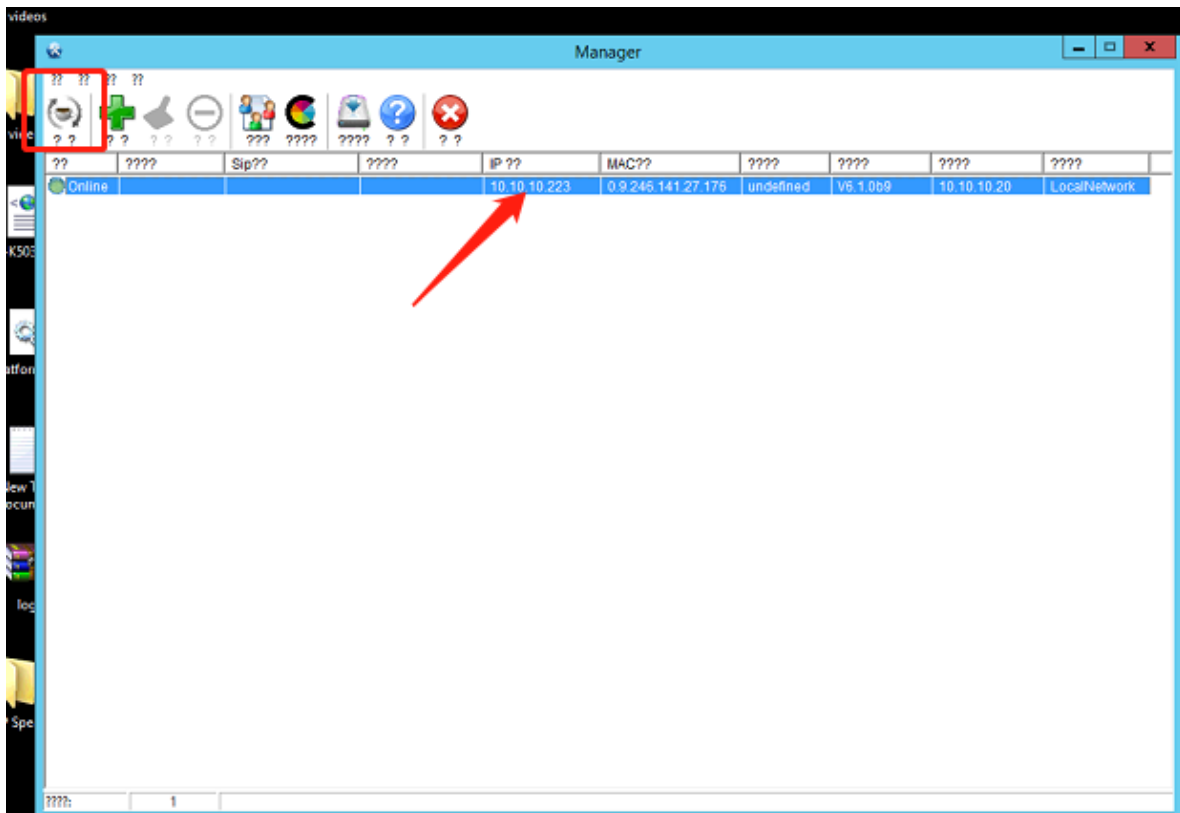
Firmware: V4.40.010 build 210402

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**



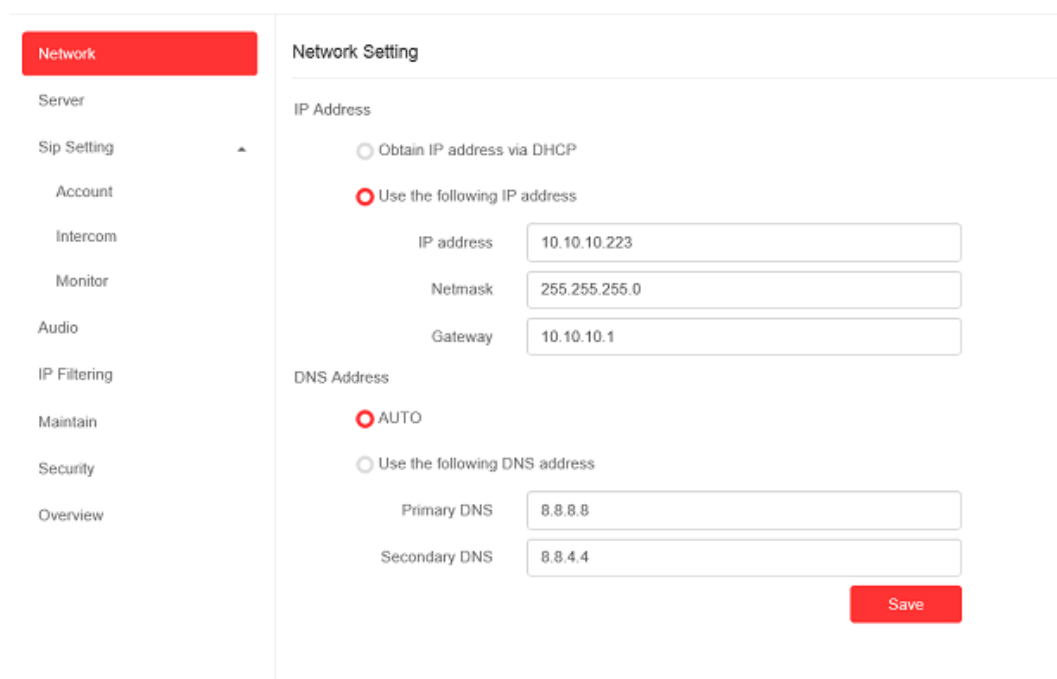
DS-PA0103

Login

Username

Password

We can set the network parameters directly in this interface



Network Setting

Network

Server

Sip Setting

Account

Intercom

Monitor

Audio

IP Filtering

Maintain

Security

Overview

IP Address

Obtain IP address via DHCP

Use the following IP address

IP address

Netmask

Gateway

DNS Address

AUTO

Use the following DNS address

Primary DNS

Secondary DNS

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

Server

Sip Setting

Account

Intercom

Monitor

Audio

IP Filtering

Multicast Monitor

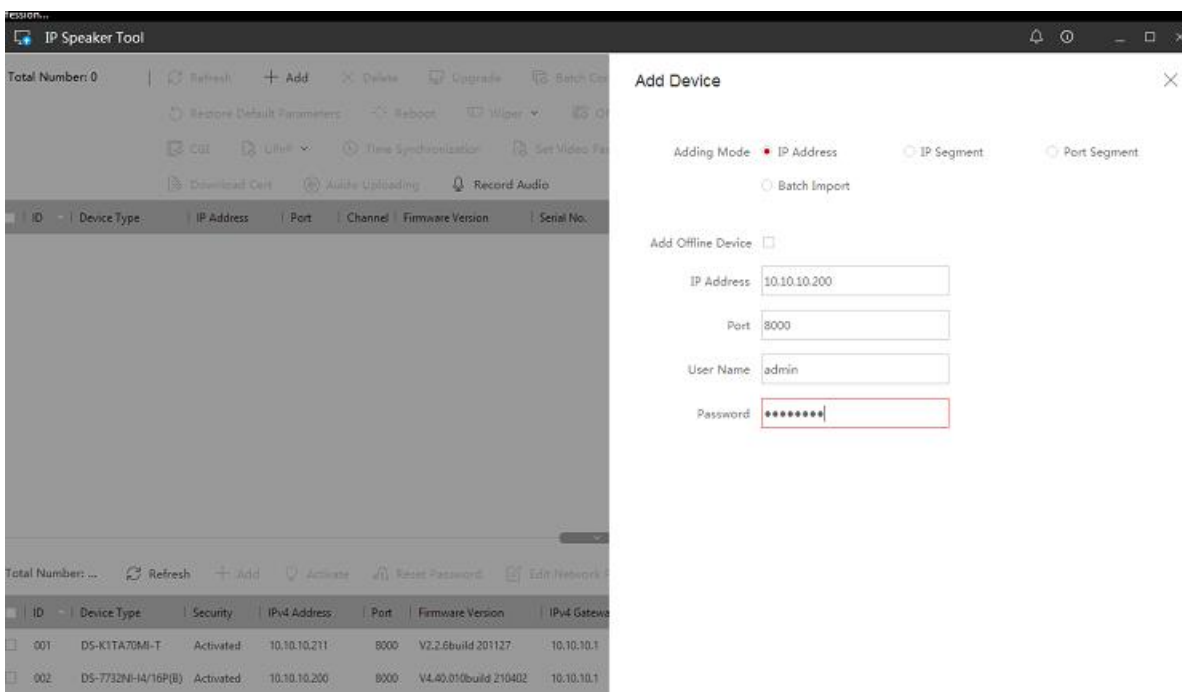
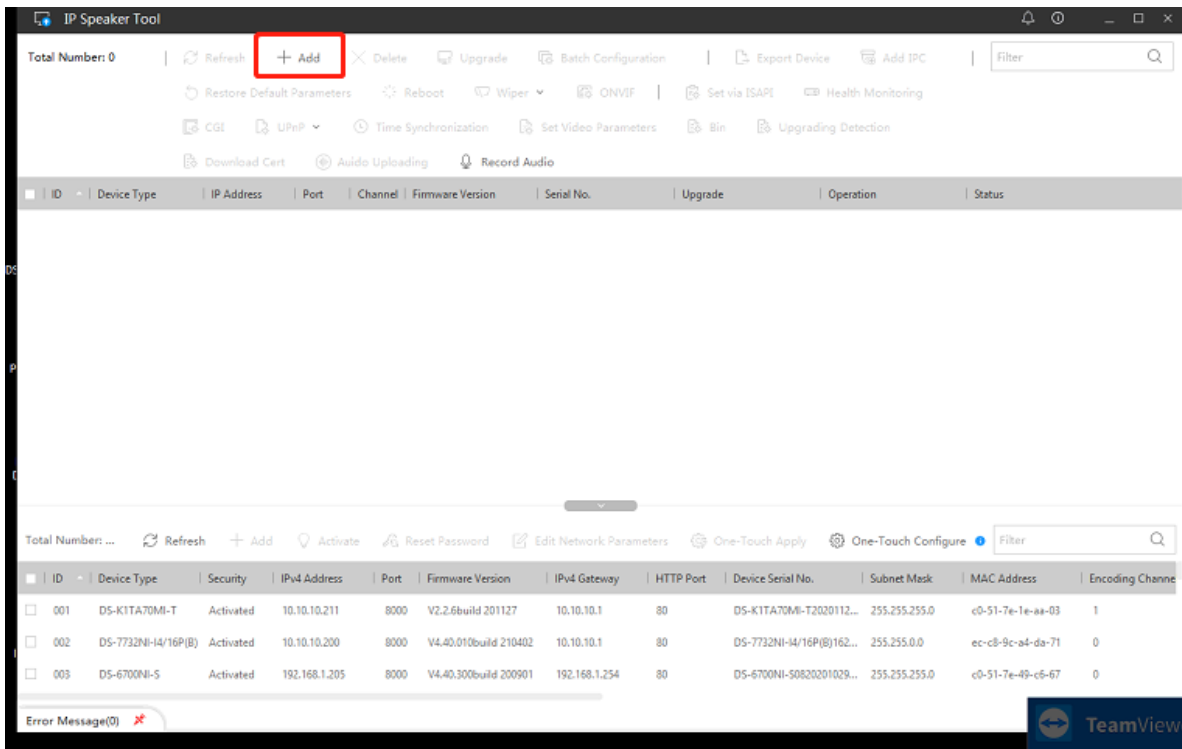
Monitor Address

Priority	Address ?
1	0.0.0.0:9999
2	
3	
4	

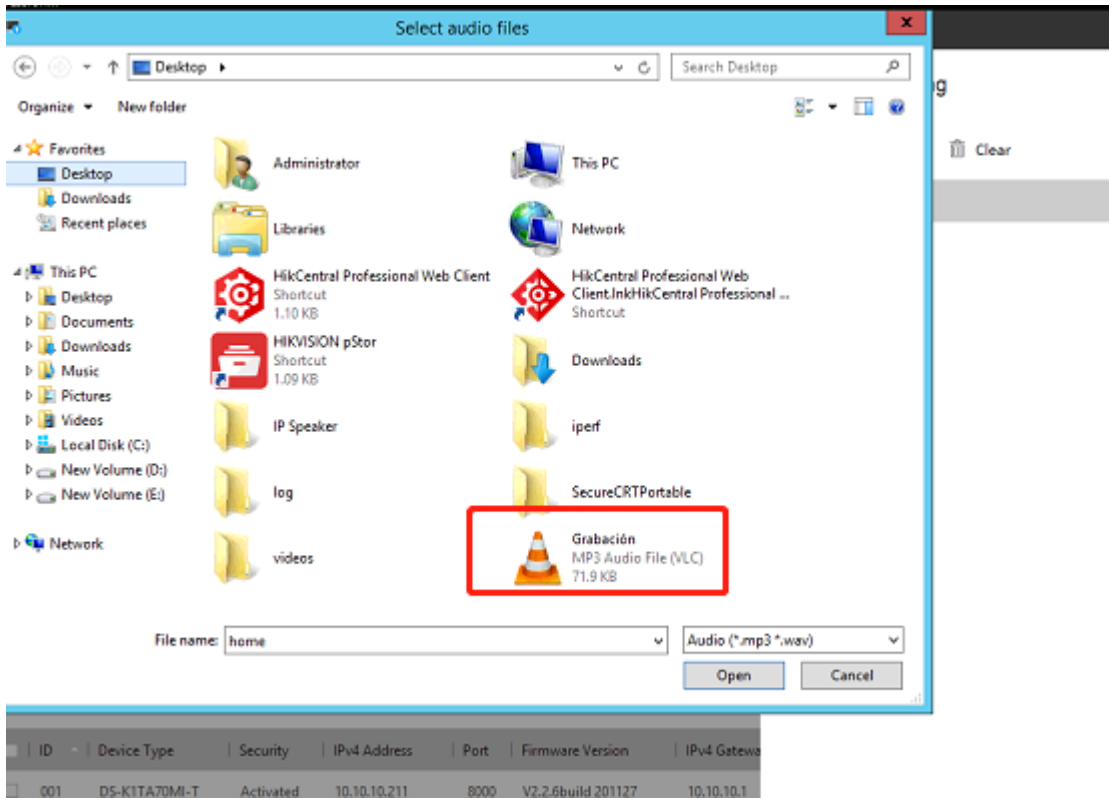
### upload audios to NVR directly



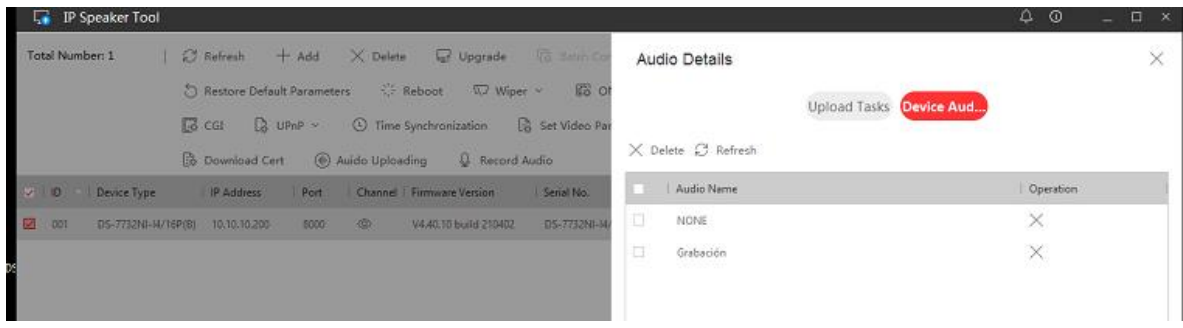
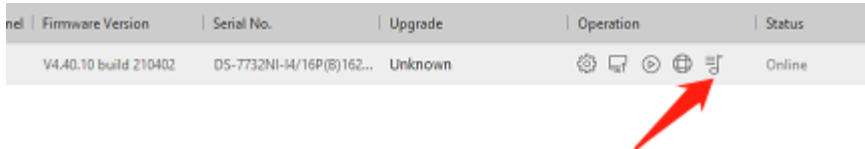
for this task we will use the IPSpeaker tool install and open, in this interface we can add the NVR



You can record an audio with the microphone of your computer or upload a pre-record audio, in this case I'll go to upload a 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

The screenshot shows the NVR configuration interface for Line Crossing Detection. On the left is a navigation menu with categories: Local, System, Network, Video/Audio, Image, Event, Basic Event, Smart Event, Storage, Vehicle Detection, VCA, Target Capture, and IoT Channel Settings. The 'Smart Event' section is active, showing 'Line Crossing Detection' as the selected event type. The main configuration area is for camera '[D1] BOX LINE 5'. It lists various detection options: Audio Exception Detection, Defocus Detection, Scene Change Detection, Face Detection, Int, Unattended Baggage Detection, and Object Removal Detection. The 'Enable Line Crossing Detection' checkbox is checked. The 'Play Filename' dropdown is set to 'Grabación' and is highlighted with a red box. Below this are tabs for 'Area Settings', 'Arming Schedule', and 'Linkage Method'. The 'Area Settings' tab is active, showing a live camera feed of a room with a green line crossing detection area. The line is labeled 'Line 1'. The feed includes a timestamp '06-10-2021 11:14:03:33' and the camera name 'BOX LINE 5'. Below the feed are controls for 'Max. Size', 'Min. Size', 'Draw Area', and 'Clear'. The 'Direction' dropdown is set to 'A->B'. The 'Sensitivity' slider is set to 99. A red 'Save' button is at the bottom.

Arming schedule>> select the schedule

Play Filename: Grabación

Area Settings | **Arming Schedule** | Linkage Method

× Delete | 🗑️ Delete All

Mon: 0 2 4 6 8 10 12 14 16 18 20 22 24

Tue: 0 2 4 6 8 10 12 14 16 18 20 22 24

Wed: 0 2 4 6 8 10 12 14 16 18 20 22 24

Thu: 0 2 4 6 8 10 12 14 16 18 20 22 24

Fri: 0 2 4 6 8 10 12 14 16 18 20 22 24

Sat: 0 2 4 6 8 10 12 14 16 18 20 22 24

Sun: 0 2 4 6 8 10 12 14 16 18 20 22 24

Save

Linkage method>>trigger IP speaker

Area Settings | Arming Schedule | **Linkage Method**

<input type="checkbox"/> Normal Linkage	<input type="checkbox"/> Trigger Alarm Output	<input type="checkbox"/> Audio and Light Alarm Link...	<input checked="" type="checkbox"/> Trigger Recording	<input type="checkbox"/> Trigger IP Speaker
<input type="checkbox"/> Audible Warning	<input type="checkbox"/> A->1		<input checked="" type="checkbox"/> D1	<input checked="" type="checkbox"/> IP Speaker1
<input type="checkbox"/> Send Email	<input type="checkbox"/> A->2			<input type="checkbox"/> IP Speaker2
<input checked="" type="checkbox"/> Notify Surveillance Center	<input type="checkbox"/> A->3			<input type="checkbox"/> IP Speaker3
<input type="checkbox"/> Full Screen Monitoring	<input type="checkbox"/> A->4			<input type="checkbox"/> IP Speaker4
	<input type="checkbox"/> D1->1			<input type="checkbox"/> IP Speaker5
	<input type="checkbox"/> D1->2			<input type="checkbox"/> IP Speaker6
				<input type="checkbox"/> IP Speaker7
				<input type="checkbox"/> IP Speaker8
				<input type="checkbox"/> IP Speaker9
				<input type="checkbox"/> IP Speaker10
				<input type="checkbox"/> IP Speaker11
				<input type="checkbox"/> IP Speaker12

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)

HIKVISION Live View Playback Picture Application Col

TCP/IP DDNS PPPoE Port NAT **IP Speaker**

Local System Network **Basic Settings** Advanced Settings Video/Audio Image Event Storage Vehicle Detection VCA Target Capture IoT Channel Settings

IP Speaker No. IP Speaker->1

Enable

Speaker Name ipspeaker

User Name admin

Password .....

Confirm .....

IP Address 10.10.10.223

Port 8877

Speaker Volume 100

**First Binding Camera [D1] BOX LINE 5**

Second Binding Camera None

Speaker Online Online

Save

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

Network Server Sip Setting Account Intercom Monitor Audio IP Filtering Maintain Security **Overview**

System Overview

Web Version V1.0.1

Firmware Version V6.1.0b9

Serial Number total:30431 MB, used:0 MB

IP Address 10.10.10.223

Primary DNS 8.8.8.8

Netmask 255.255.255.0

Secondary DNS 8.8.4.4

Gateway 10.10.10.1

**Server Ip 10.10.10.200**

**Server Status connected**

SD Card Status total:30431 MB, used:0 MB

Status idle

Refresh



once the device is connected, can start working

