



How to use two-way audio function

Quick Guide

HIKVISION TECHNICAL SUPPORT TEAM

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How to use two-way audio function

Description

NVR's two-way audio function is used between NVR and Client/Webpage. It doesn't support two-way audio access to IP camera directly.

Preparation

NVRs, Switch, Computer, 3.5mm turn RCA connection line, Earphone with 3.5mm interface.

Note: 3.5mm turn RCA connection line is divided into male connector and female connector. The methods below are based on female connector and earphone with 3.5mm interface.



How to plug the audio line:

Steps:

1. Insert the red-end to **AUDIO IN** of the NVR, and insert the white-end to **AUDIO OUT**.
2. Insert the 3.5mm earphone to the female connector of RCA line.



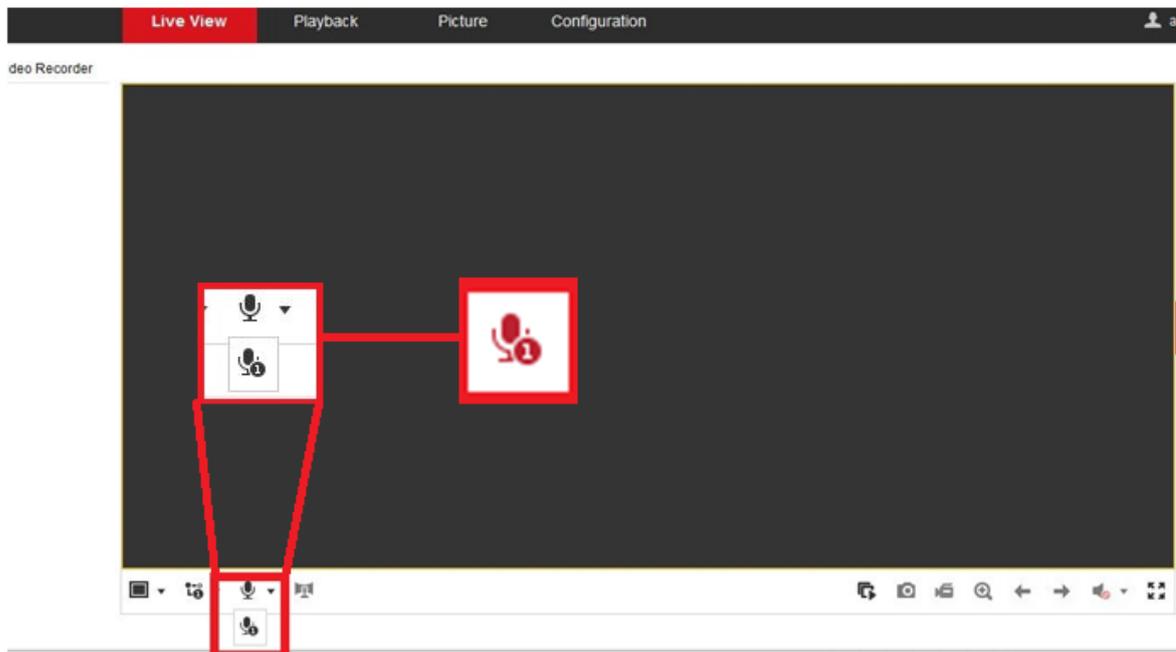
Note :

1. Users can also use **Pickup** to collect audio and connect the **Loudspeaker** to **AUDIO OUT** to listen the sound. The earphone can be replaced by **Pickup** and **loudspeaker**.
2. Some earphones can use like a **Loudspeaker** to listen the sound, but can't collect audio as a **Pickup**. By the time, you can change a earphone to have a test.

How to start two-way-audio in the webpage:

Steps:

1. Log in the webpage of NVR, and stay in **Live view** interface.
2. Choose the two-way audio channel in webpage.



Note :

1. As for some series NVR, there are more than one two-way-audio channels. Please check in the chart below. For example, DS-7700NI-I4, it has 2 audio channels when clicking two-way audio in the webpage.

| NVR | Channel number | Channel 1 | Channel 2 | Channel 3 |
|-------------|----------------|------------|------------|-----------|
| 96(32/64) I | 2 | HDMI1/VGA1 | HDMI2/VGA2 | |
| 76/77 I/K | 2 | VGA | HDMI | |
| E | 1 | VGA/HDMI | | |
| Netra | 3 | CVBS | HDMI | VGA |

2. Two-way audio channels refer to audio output port. Let's take DS-9632NI-I16 as example, this model has two audio output ports (**audio out 1, audio out 2**). These two ports are linked with two-way audio channel 1 and 2 separately. User can choose the port which



outputs two-way audio. So in the webpage of NVR, there are two two-way audio channels for choice.



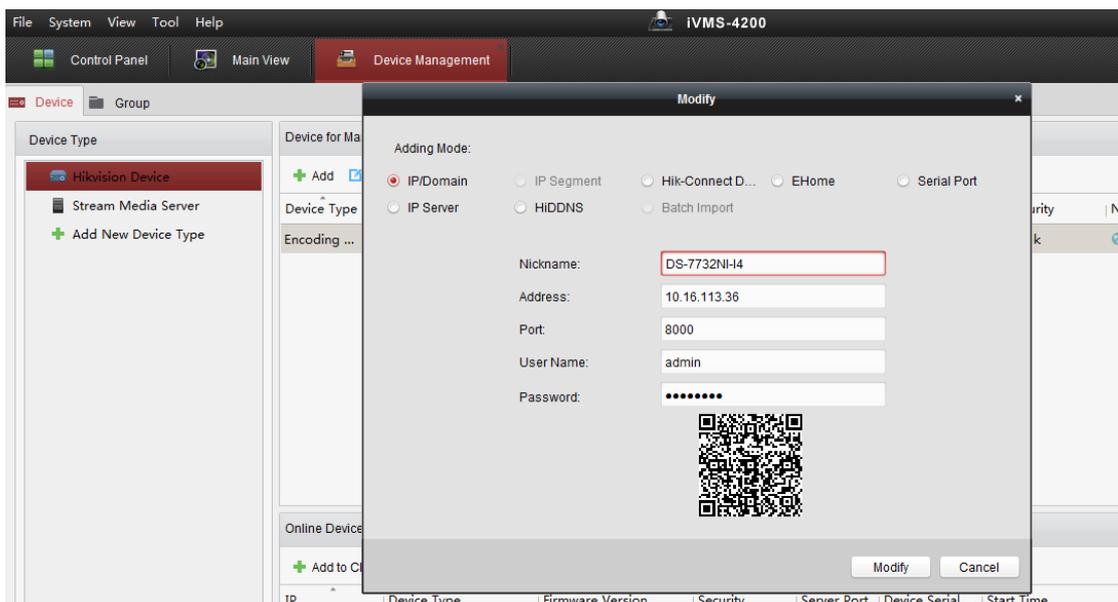
3. HDMI port can transmit audio signal, so HDMI port works as an independent two-way audio port in NVR which support HDMI/VGA asynchronous output. However, VGA port can't transmit audio signal, so it has to be linked with one audio out port. For example, DS-7700NI-I4, this model has one audio output ports and one HDMI port. So in the webpage of NVR, there are two two-way audio channels for choice.



How to start two-way audio in the 4200:

Steps:

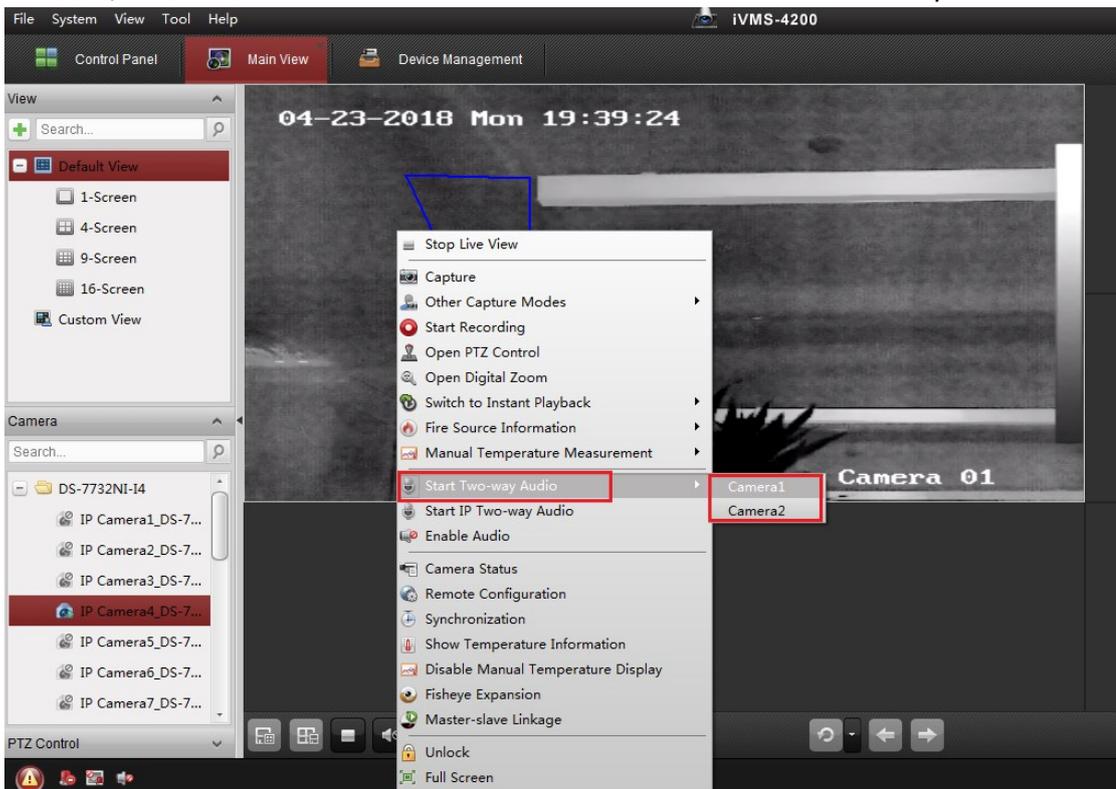
1. Add the NVR to iVMS-4200, and make sure the NVR is online.



2. Switch to **Main View** interface, and live view one of the channels.



3. Select one channel, and click the right mouse button. Click **start two-way audio**, there will be two options, **Camera1** and **Camera 2**. It means the NVR has two two-way audio channels, **channel1** and **channel2**. You can select one of them to start two-way audio.

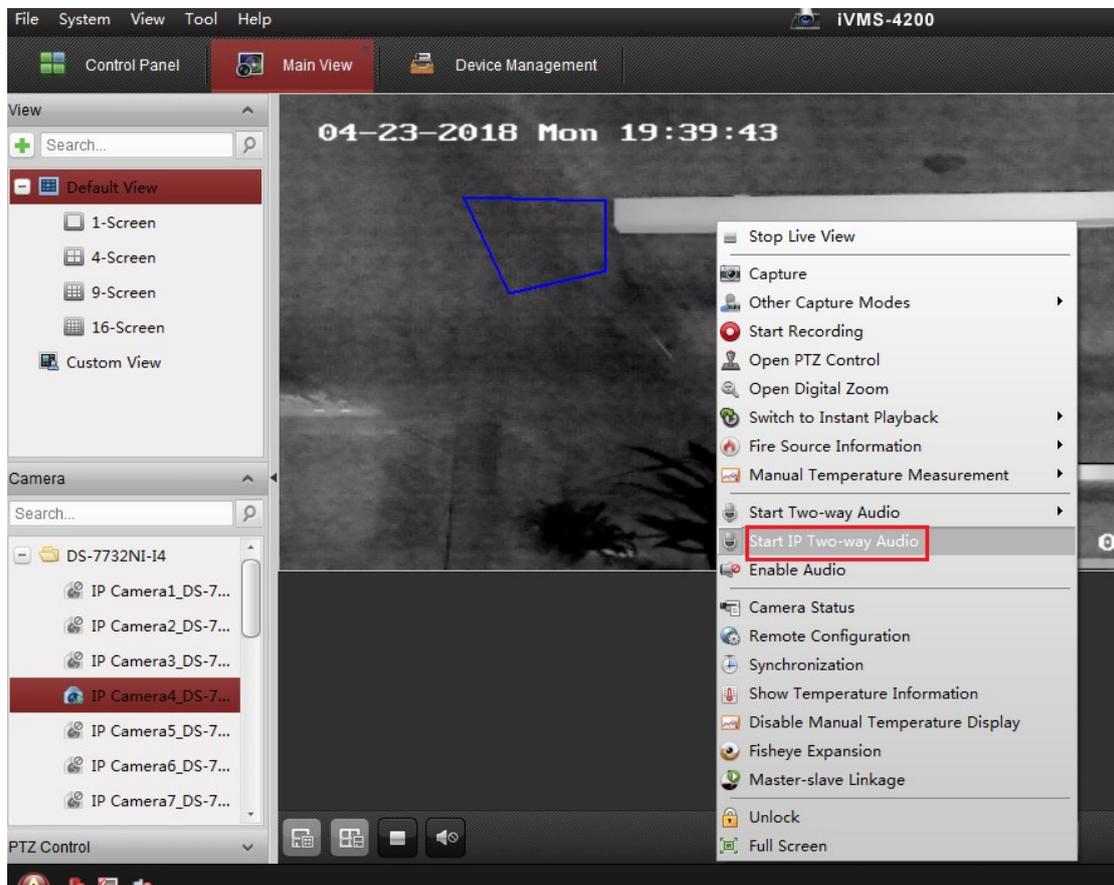


How to start IP two-way audio in the 4200:

Steps:



1. Add the NVR to iVMS-4200, and make sure the NVR is online.
2. Switch to **Main View** interface, and live view one of the channels.
3. Right click the channel for two-way audio, select '**Start IP two-way Audio**'.



Note :

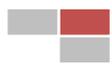
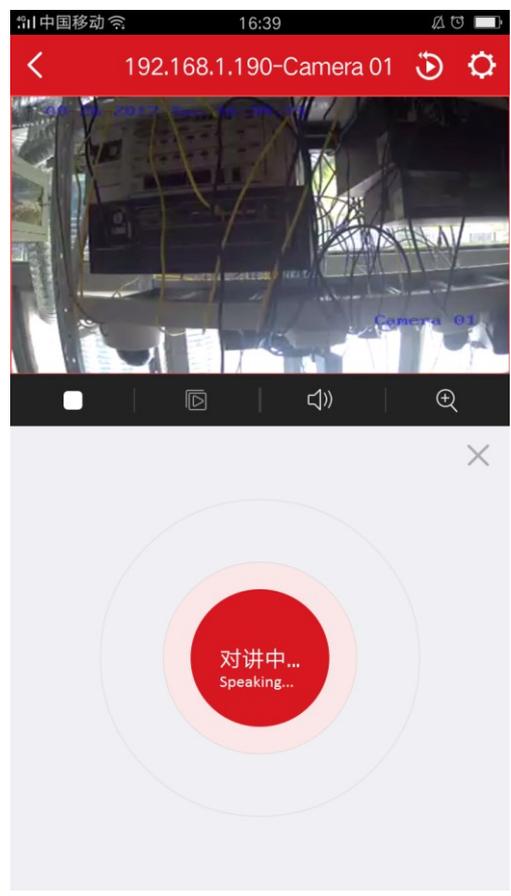
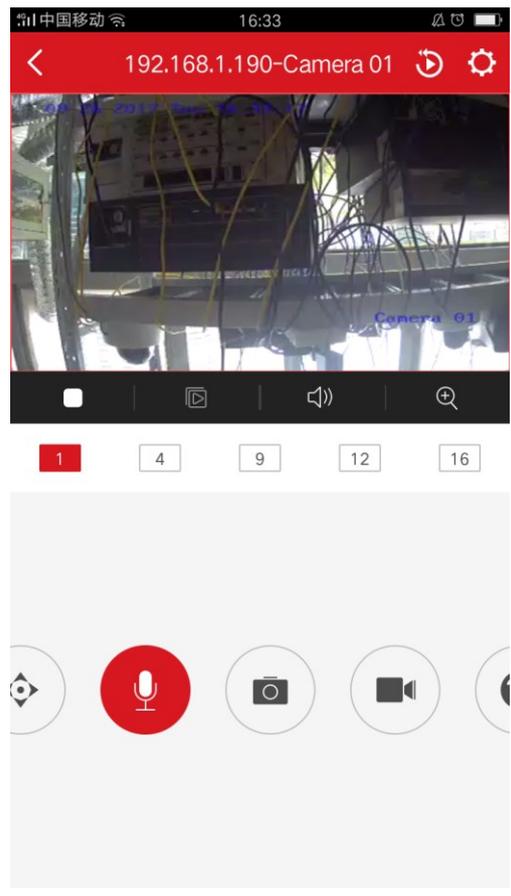
IP two-way audio: NVR transmits two-way audio signal between **IP camera** and **client**. User only needs to add NVR to iVMS-4200 and starts two-way audio with IP camera connected with NVR.

How to start two-way audio in the Hik-Connect:

Steps:

1. Add the NVR to Hik-Connect, and live view one channel of the NVR .
2. Click the 'louderspeaker' icon .





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