HIKVISION

How to start two-way audio between IPC and Client

Description

HIKVISION cameras with –S in their names support audio function, for these kind of cameras you can get not only the live video but also the real-time audio. Two-way audio could be used for only **one camera at one time**.

Note:

1. Some camera like DS-2CD2412F-I (W) has internal microphone and speaker; however, for most of HIKVISION cameras, external microphone and speaker are required.

2. Two-way audio could only be realized between IPC and client, like between 4500 client and IPC, 4200 client and IPC, not between IPC and IPC or client and client.
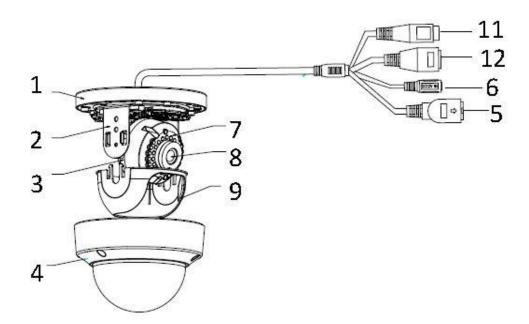
Preparation

1, cameras which support audio function

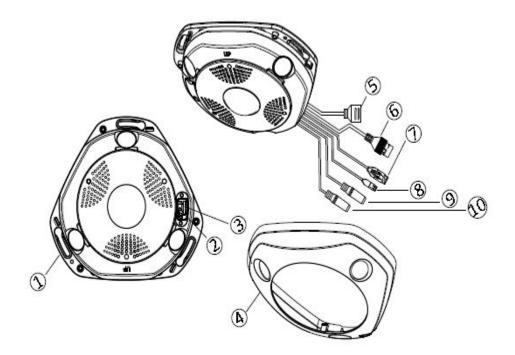2, external microphone & speaker

3, client like iVMS-4200 & iVMS-4500

How to plug external microphone & speaker to IPC

1. HIKVISION cameras have different audio interface. Below are two examples.

(1) **21XX Network Camera**. In this picture below, the audio interface is 11.

(2) **63XX Network Camera**. In this picture below, the audio in interface is 9 and the audio out interface is 10.

2. Plug **microphone** to the **audio in interface** and plug **speaker** to the **audio out interface** would be OK.

3. Microphone doesn't require a power supply while sound pickup needs. As to the detailed differences, please kindly check the table below.

Microphone vs Pickup

Comparison	Microphone	Pickup
Interface	MicIn	AudioIn or LineIn
Direction	Unidirectional	Omnidirectional
Quality	Not good	Good
Sensitivity	Low	High
Power	Passive	Active
Application	Shop, ATM, etc.	Law enforcement

How to start two-way audio via web

Steps:

1. Login you camera via web;

2. Enable the audio output as well as the two-way audio by clicking the buttons shown in the yellow circles below. The **Red Microphone icon** means two-way audio is **ON.**
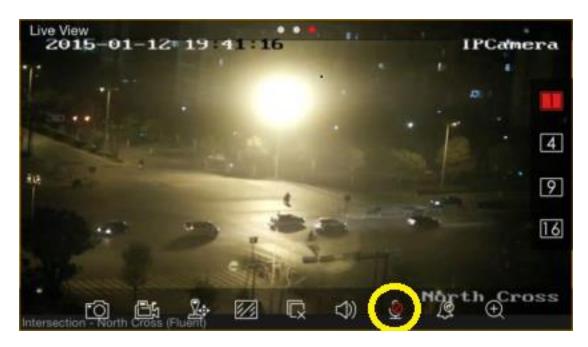

How to start two-way audio via iVMS-4500

Steps:

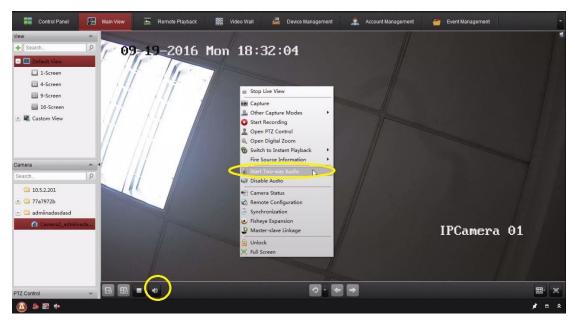1. Add your camera to 4500 client;

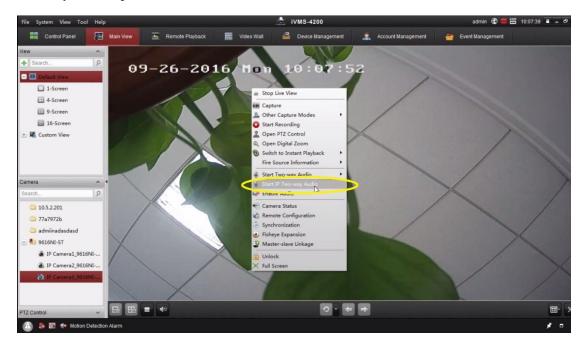2. Click the microphone to enable two-way audio. means it is disabled.

How to start two-way audio via iVMS-4200

1. Add your camera to 4200 client;

2. Go to Main View, enable the **Audio Output**, then right click your mouse in the live view interface and select **Start Two-way Audio**.

3. If you add your IPC to NVR and this NVR is added in iVMS-4200 client, you need to select the **Start IP Two-way Audio** to speak to your IPC. If you select **Start Two-way Audio**, you will speak to the NVR.

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