How to set audio live view and playback

Preparation

1. Make sure that your camera supports audio function.
2. External active microphone.
3. Client software such as iVMS-4200 & iVMS-4500

Note:

1. HIKVISION cameras which have –S in their names support audio function.
2. Some cameras have internal microphone such like DS-2CD2412F-I (W), for these cameras, please skip next section (How to plug active microphone to IPC).

How to plug active microphone 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. HIKVISION also offer active microphone units such as DS-2FP2020 (see picture below), you can find three wires come with the unit, their purposes are as below.

| Red wire | Power + |
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<table>
<thead>
<tr>
<th>White wire</th>
<th>Audio +</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black wire</td>
<td>Power – &amp; Audio –</td>
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**Note:**
Active microphone needs external power supply.

3. Take DS-2FP2020, for instance. Connect **Red wire** with **Positive power supply**; connect **White wire** with **Audio in interface**; and then connect **Black wire** with **Negative power supply** and **Audio GND interface** together.

**How to start audio live view & playback**

1. In the camera web interface, go to **Configuration - Video/Audio** and set the video type to **Video&Audio**, and then go to **Audio** tab to set audio input to **LineIn**. If needed, you may enable environmental noise filter.
2. Go to **Live View** tab, enable the audio output by clicking 🎧 icon and adjust its volume.
3. Connect the camera with a NVR, and make sure its footages have been stored into the NVR.

4. In the NVR web interface, go to Playback tab, enable the audio output by clicking icon and adjust its volume.

5. You may realize audio live view & playback in iVMS client software as well.