

NDI | HX PTZ Camera

Installation Guide

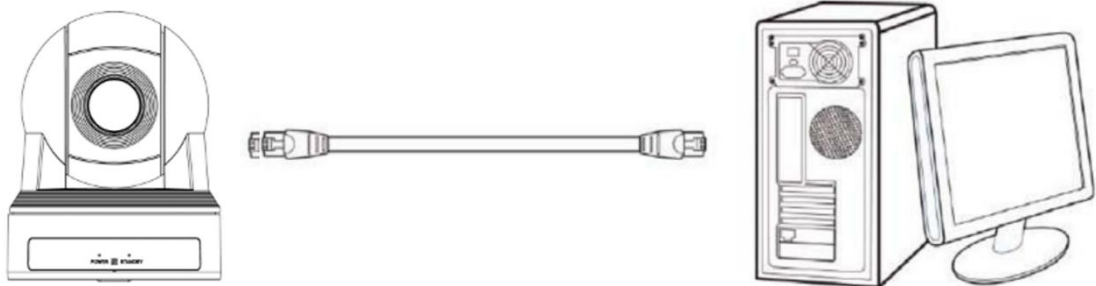


1. Device Installation

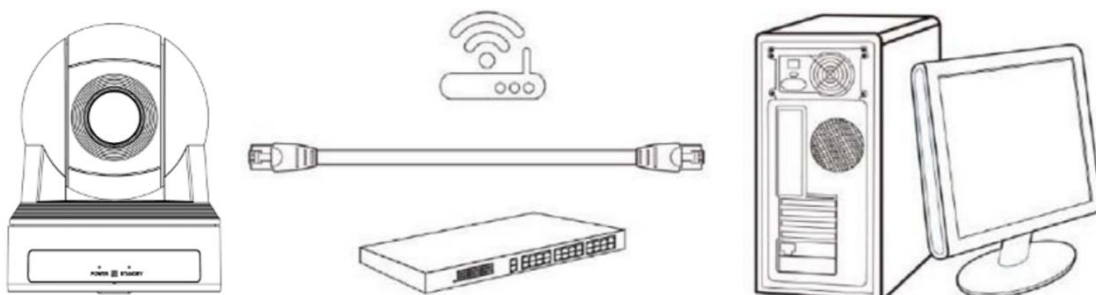
- 1.1. Connect the camera to your network through a CAT5 or CAT6 direct network cable, or directly connect to a PC through a crossover network cable
- 1.2. Connect the camera power, the camera works normally
- 1.3. If successful, the green indicator light is always on and the orange indicator light flashes; if it is unsuccessful, you need to check the connection wire

2. Internet connection

The connection between the camera and the computer is shown like picture 1.1/1.2



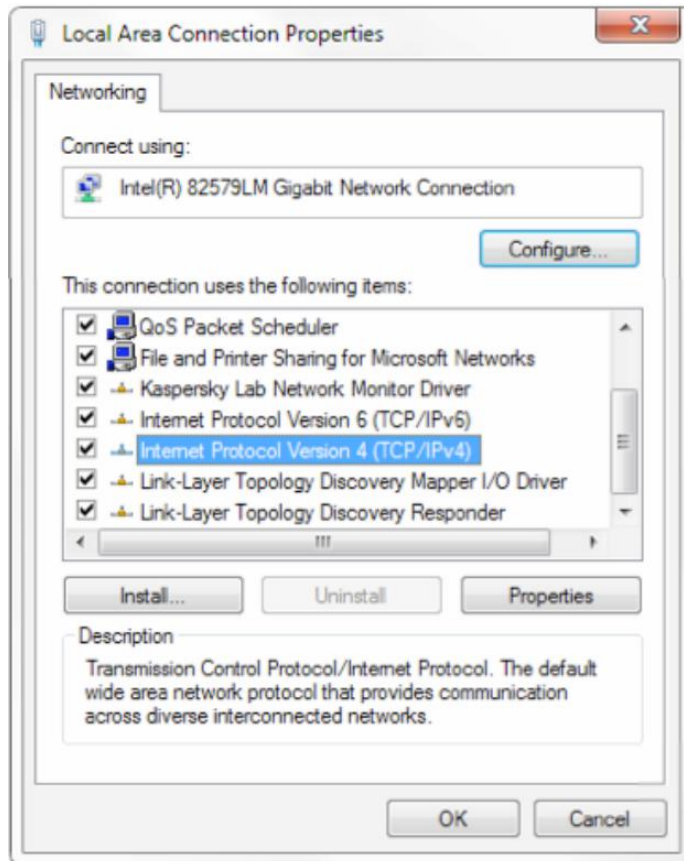
Picture 1.1 Connect directly to the computer through a crossover network cable



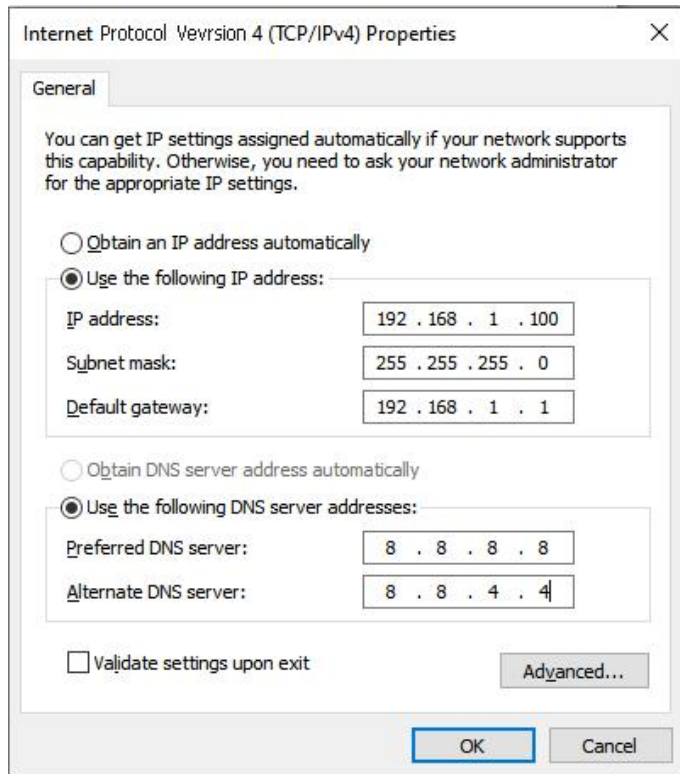
Picture 1.2 Connect to a LAN switch through a direct network cable (POE function, need to use POE switch 802.3 af)

3. Set up the computer network

3.1. Open the "local Area Connection Properties" on computer, select "Internet Protocol Version 4(TCP/IPv4)", as shown below.



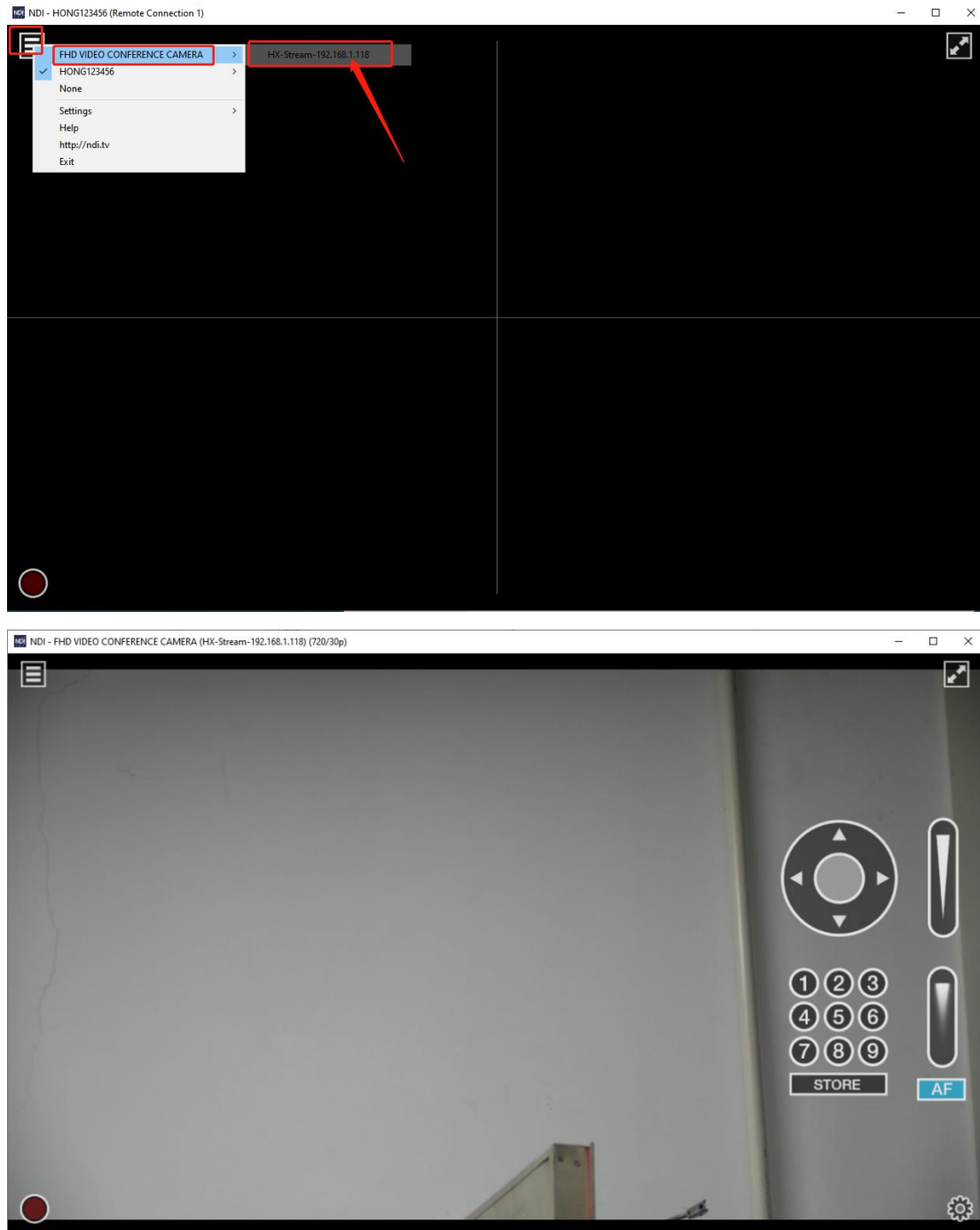
3.2. Select "Internet protocol versions 4(TCP/IPv4)", Click "Properties" or directly double-click in the "Internet Protocol Version 4 (TCP/IPv4)" column to enter the "Internet Protocol Version 4 (TCP/IPv4) Properties" window. Manually set the computer IP address



Remarks: DHCP is OFF for cameras by default, and the IP address is 192.168.1.118; the IP manually set by the computer can be on the same network as the camera. As shown in the figure above, set the computer IP as 192.168.1.100

Note: When you need to manually modify the device IP in the LAN, you need to pay attention to avoid IP conflicts, and contact the network administrator if necessary

4. NDI | HX camera compatible with NDI Studio Monitor

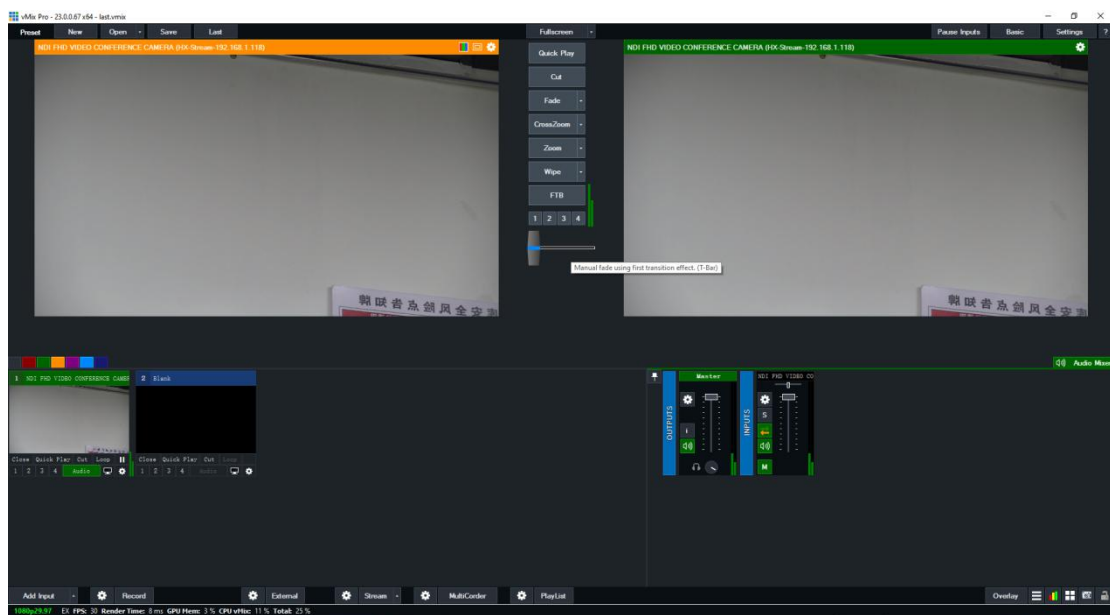
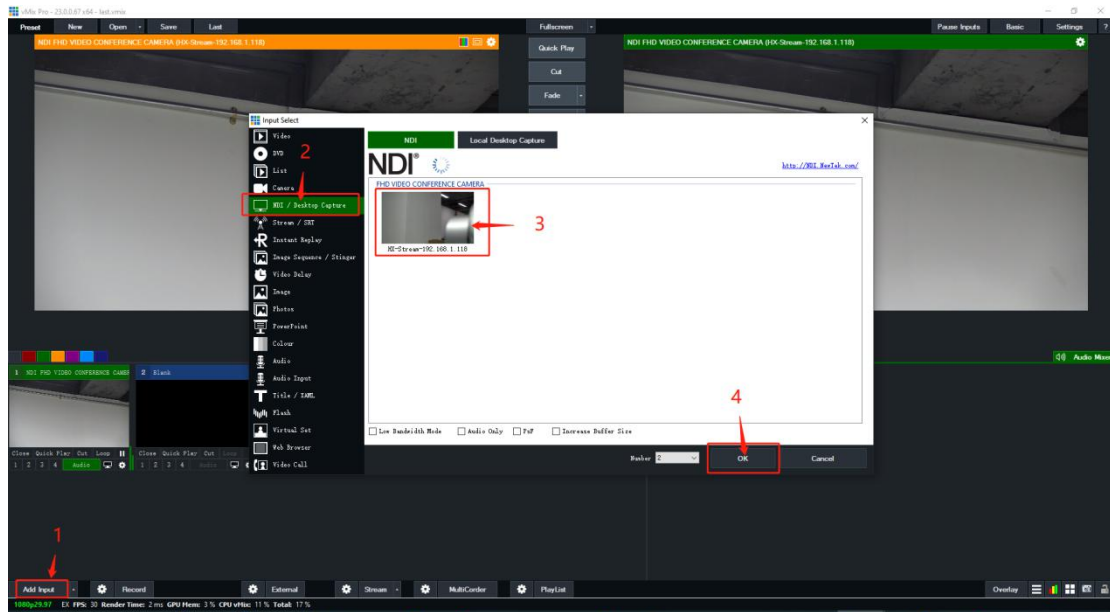


Remarks: NDI source video parameters (such as: resolution, bit rate...), follow the camera's main stream parameters

5. NDI | HX camera compatible with vMix software

Requirements: vMix23 version and above

Open vMix23, add NDI signal source

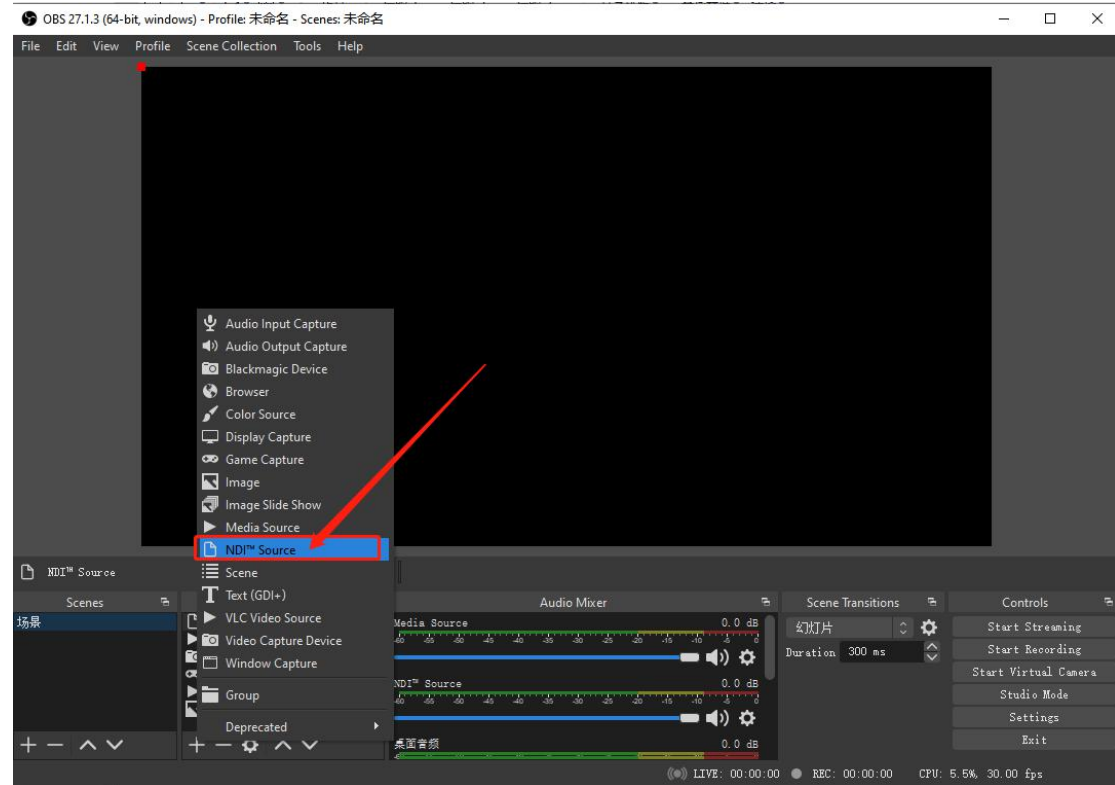


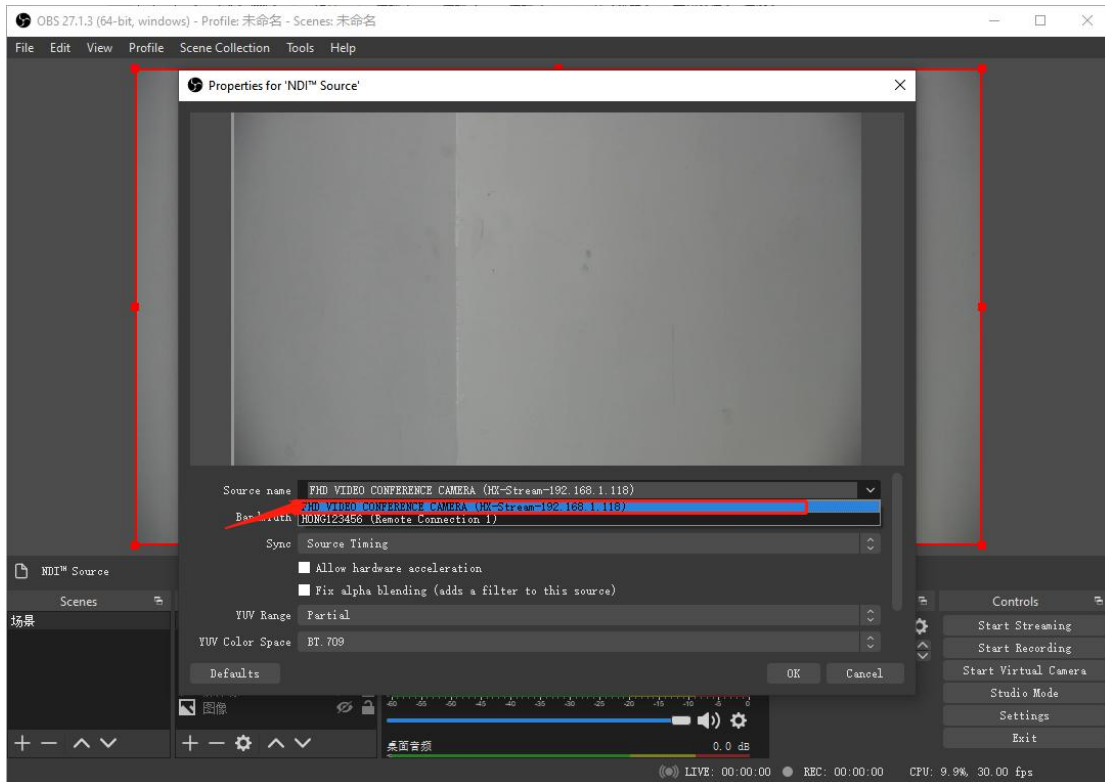
6. NDI | HX camera compatible with OBS software;

OBS NDI Plug-in download address:

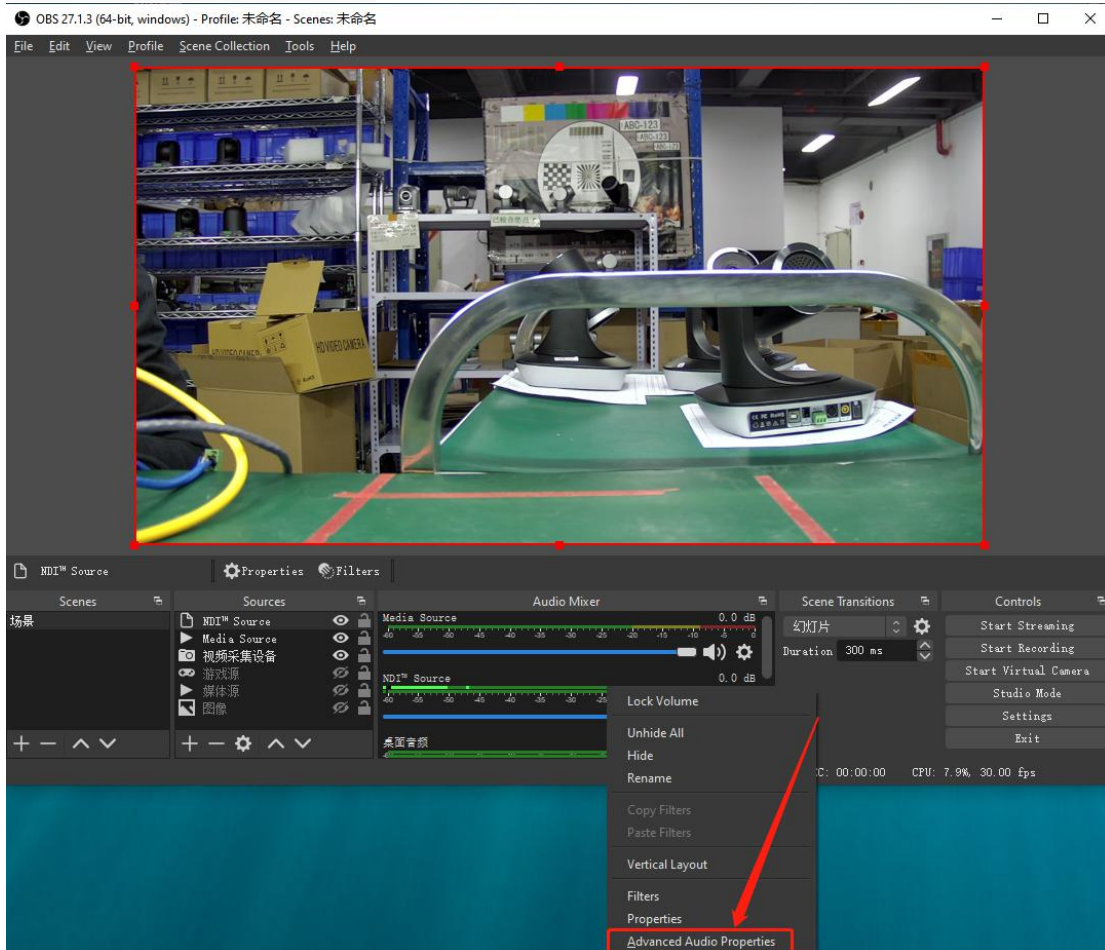
<https://github.com/Palakis/obs-ndi/releases/tag/4.9.1>

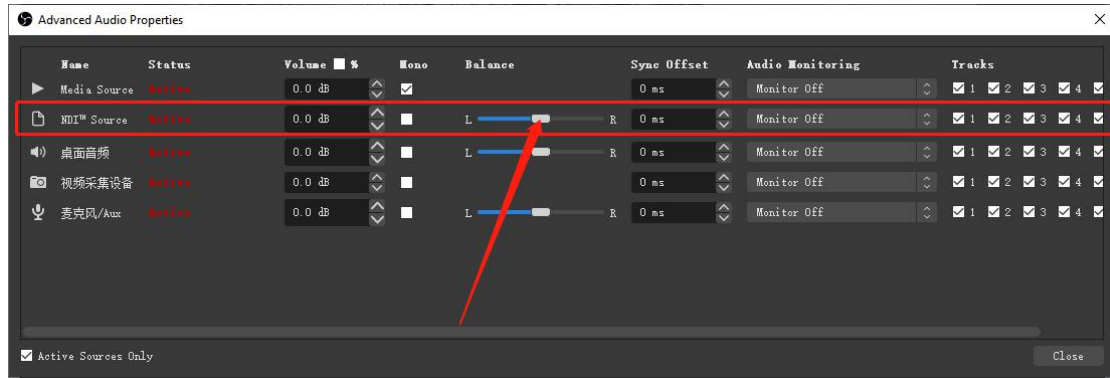
Open OBS software, add NDI signal





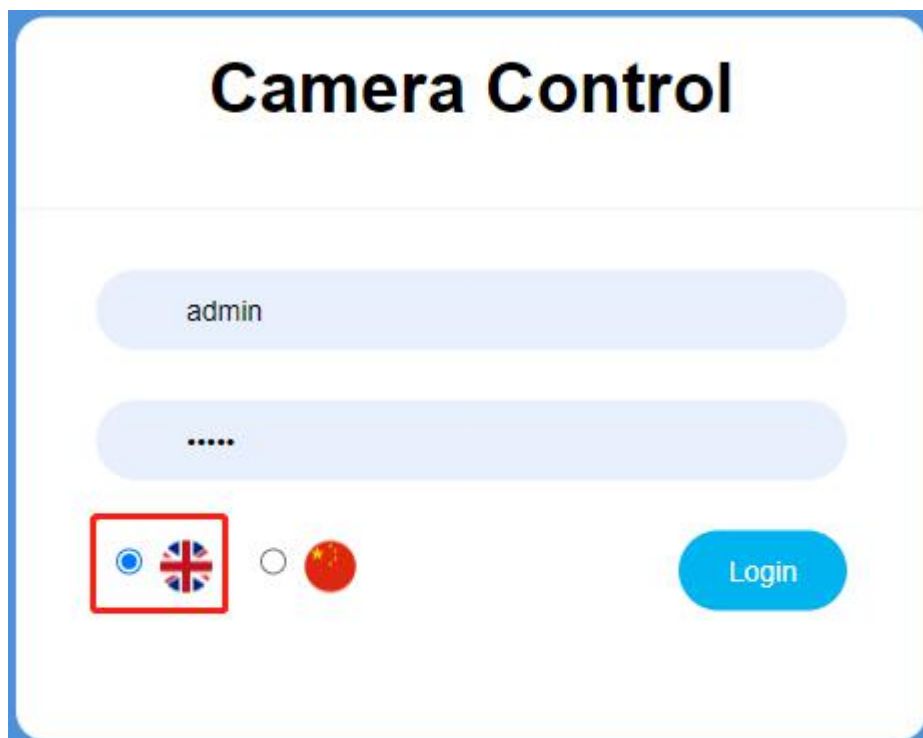
NDI audio source is enabled



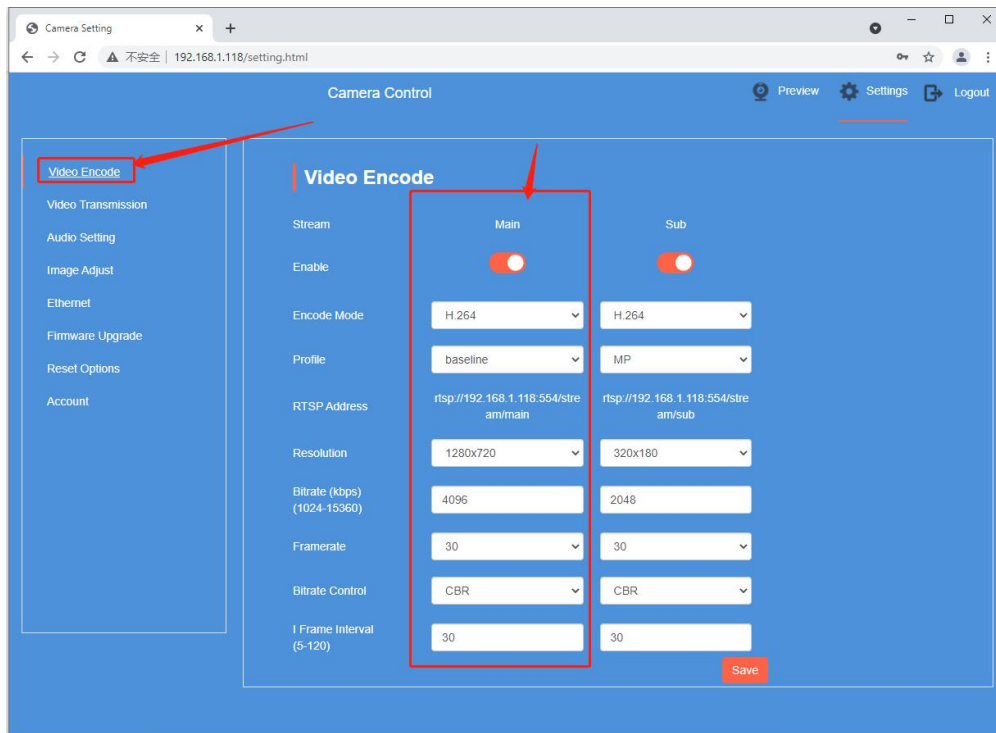


7. Google Chrome login, set the NDI source audio and video parameters

Open the Google browser, input the camera IP 192.168.1.118, select the English version, the default user name and password: admin

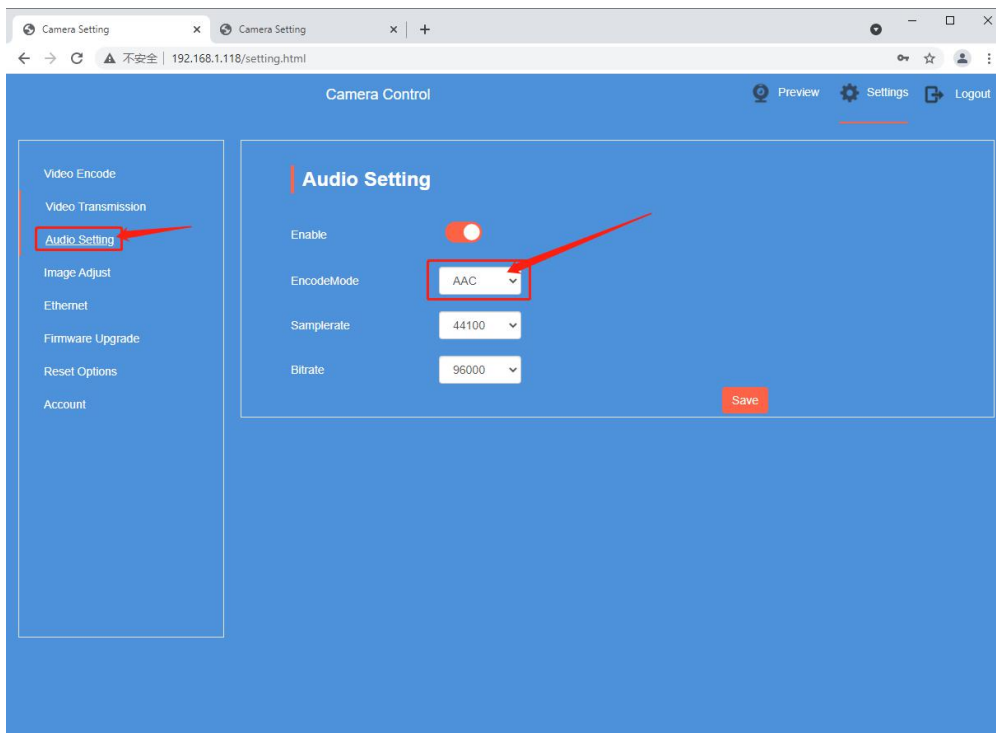


Set NDI source video parameters



Note: The current NDI | HX version only supports H.264 encoding mode, and it will not be supported when the encoding mode is selected as H.265;

Set NDI source audio parameters



Note: NDI | HX audio only supports AAC encoding mode