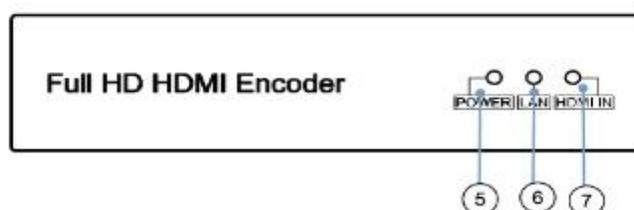
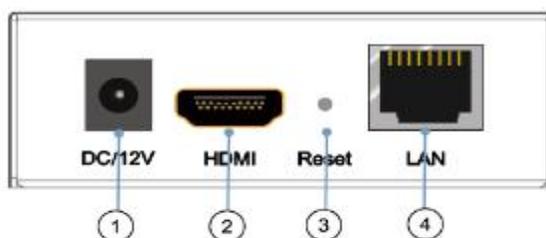


# H.264 Encoder Manual



① Power input port

③ Reset button **1**

⑤ Indicator of power input

⑦ Indicator of HDMI input

② HDMI input

④ LAN output **2**

⑥ Indicator of LAN output

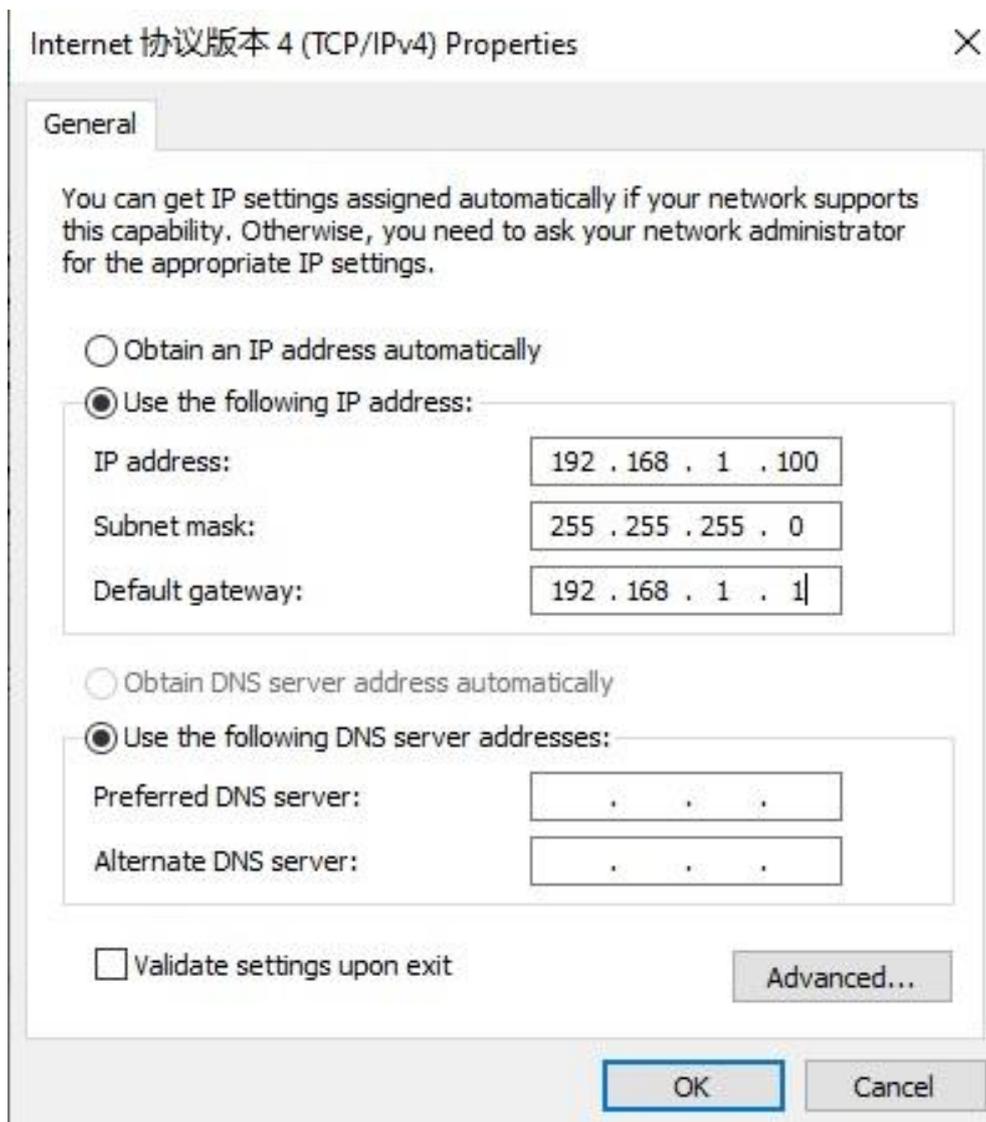
Note: **1**. Reset to the factory default setting: press "Reset" for 10 seconds till all three indicators go out.

**2**. LAN: default IP is 192.168.1.168 for the unit.

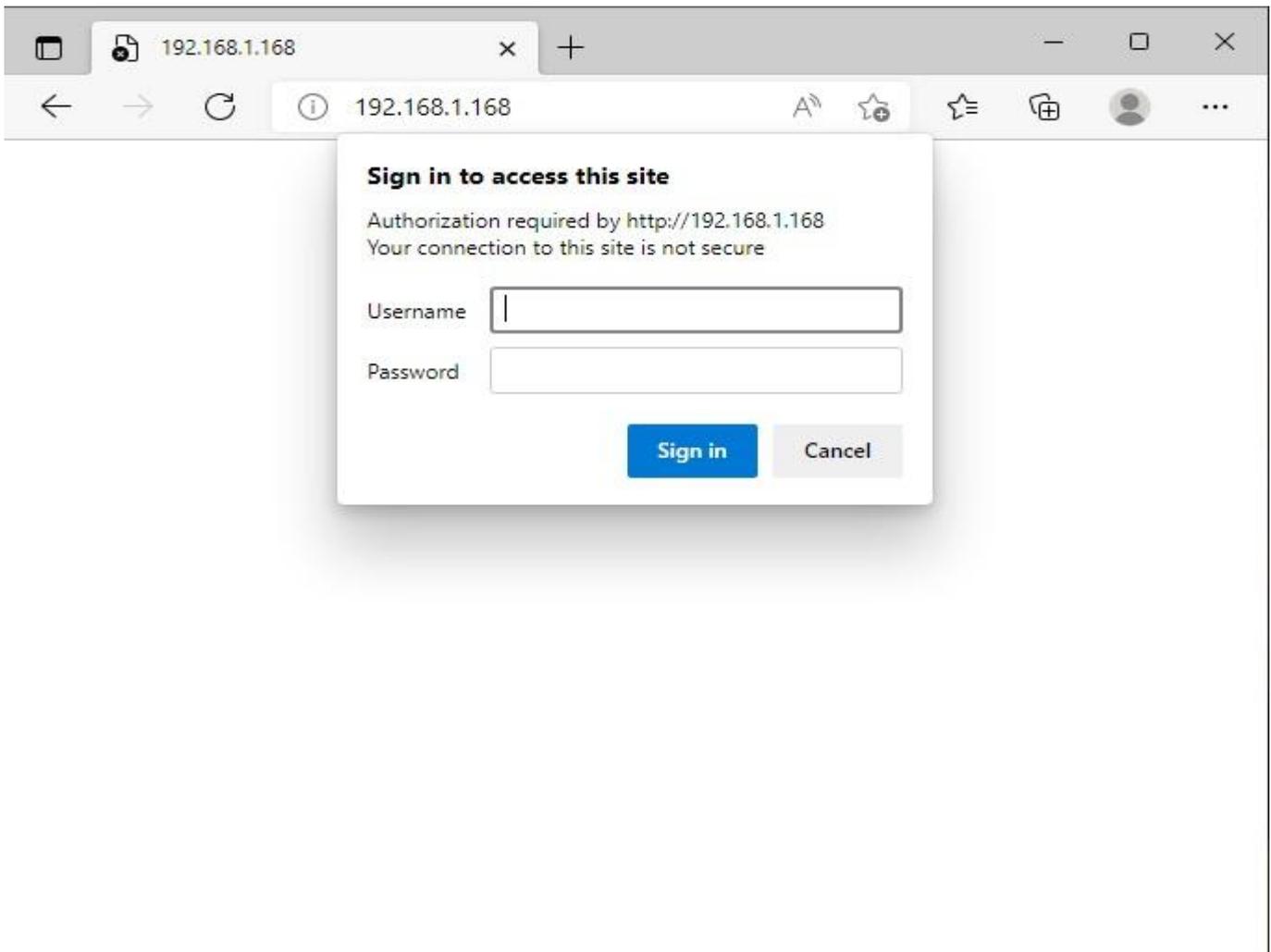
Indicator description: blue light indication: HDMI green light indication: network cable connection  
red light indication: power

The steps to set up the local area network are as follows:

**Step 1:** First connect the computer and the encoder (power on) with a network cable, set the IP address of the computer network card: 192.168.1.xxx (Note: do not set the same IP address as the encoder 192.168.1.168), the default gateway:192.168.1.1



**Step 2:** Open the browser, enter the address 192.168.1.168, and enter the user name and password in the pop-up dialog box (user name: admin, password: admin)



S

**step 3:** Check the IP address network segment of the router. The default IP address of the encoder is 192.168.1.168. If the two network segments are different, modify the encoder network segment. Enter the access interface of the encoder, and modify the IP address and gateway of the network port in "System Settings" -> "Network Settings" on the left. For example: the IP gateway of the router is 192.168.0.1, the default IP address of the encoder is set to: 192.168.0.168, the gateway: 192.168.0.1, click Settings, after the setting is completed, click to restart the device on the left, after the device restarts, wait for the light to recover The modification of the network segment is completed normally.

# H264 Encoder

Status

Encoder

OSD

System

Network

Password

Serial to TCP

Upgrade

Reset

Reboot

Schedule Restart

## Network

### LAN

DHCP:

IP:  ←192.168.0.168

Netmask:

Gateway:  ←192.168.0.1

MAC:

### DNS

DNS1:

DNS2:

### NTP

NTP Enable:

NTP Server:

Time Zone:

### Port

HTTP Port:  [1-65500]

RTSP Port:  [1-65500]

# H264 Encoder

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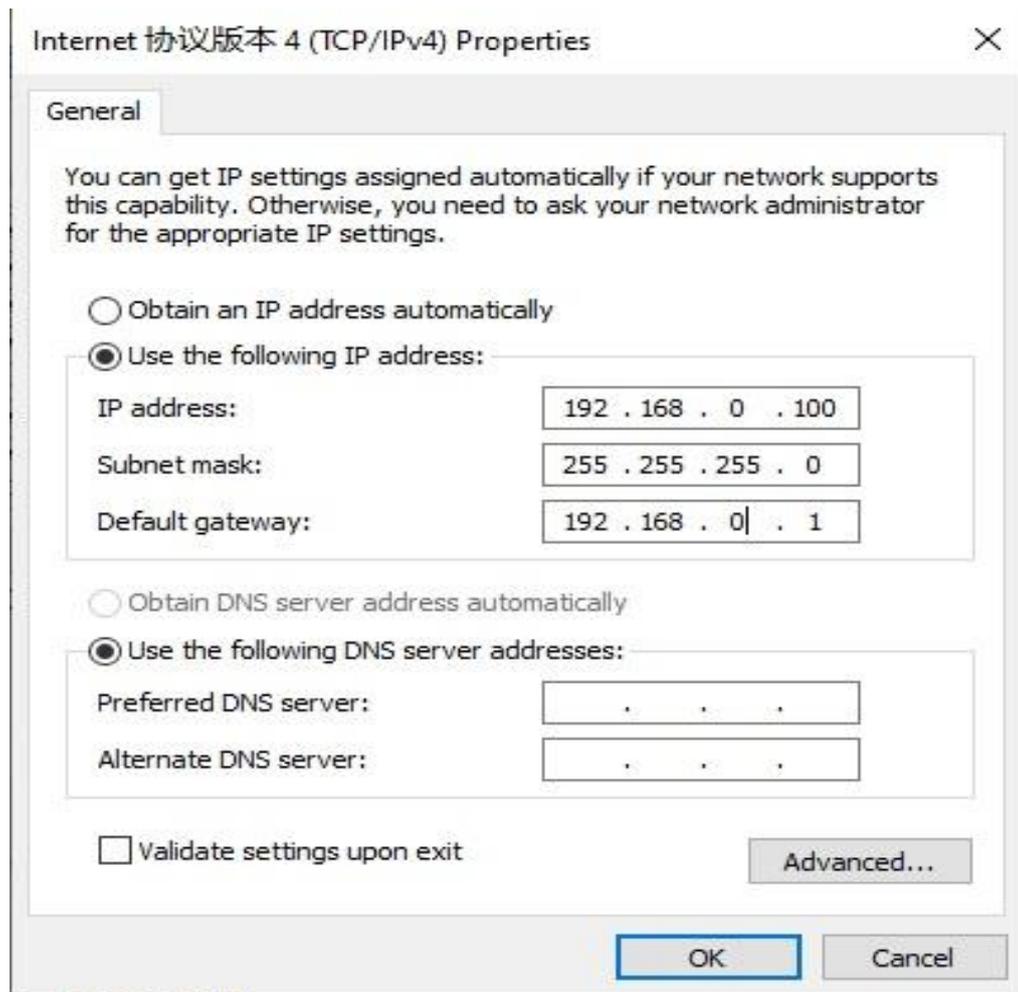
Reboot

Schedule Restart

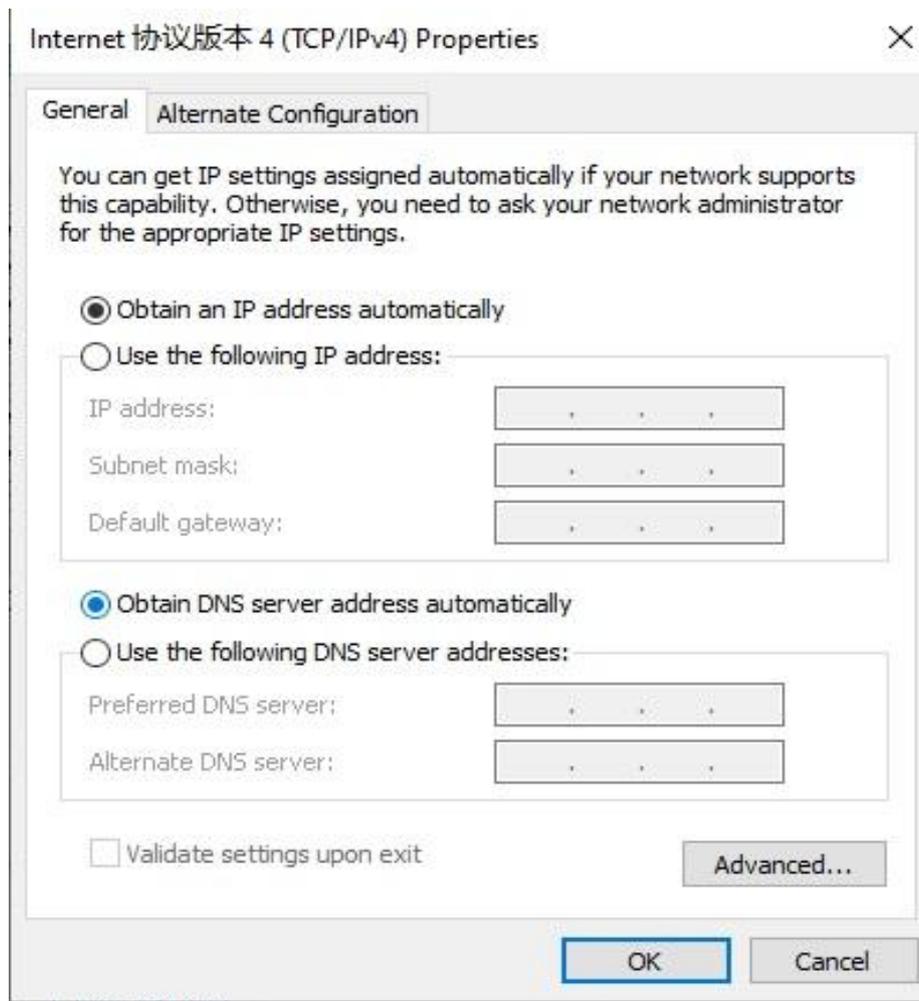
## Reset

Click the button to restore all the settings to the default.

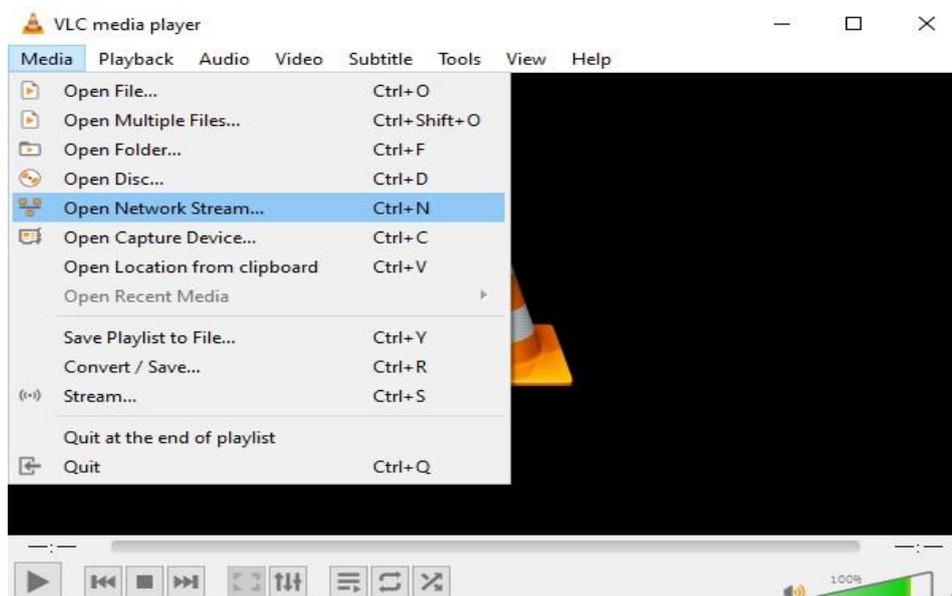
**Step 4:** Set the IP address of the computer network card to 192.168.0.100, and the gateway to 192.168.0.1. Re-enter the IP address 192.168.0.168 newly set by the encoder in the browser to check whether you can log in normally. If you can log in normally , the network settings for the encoder are successful.



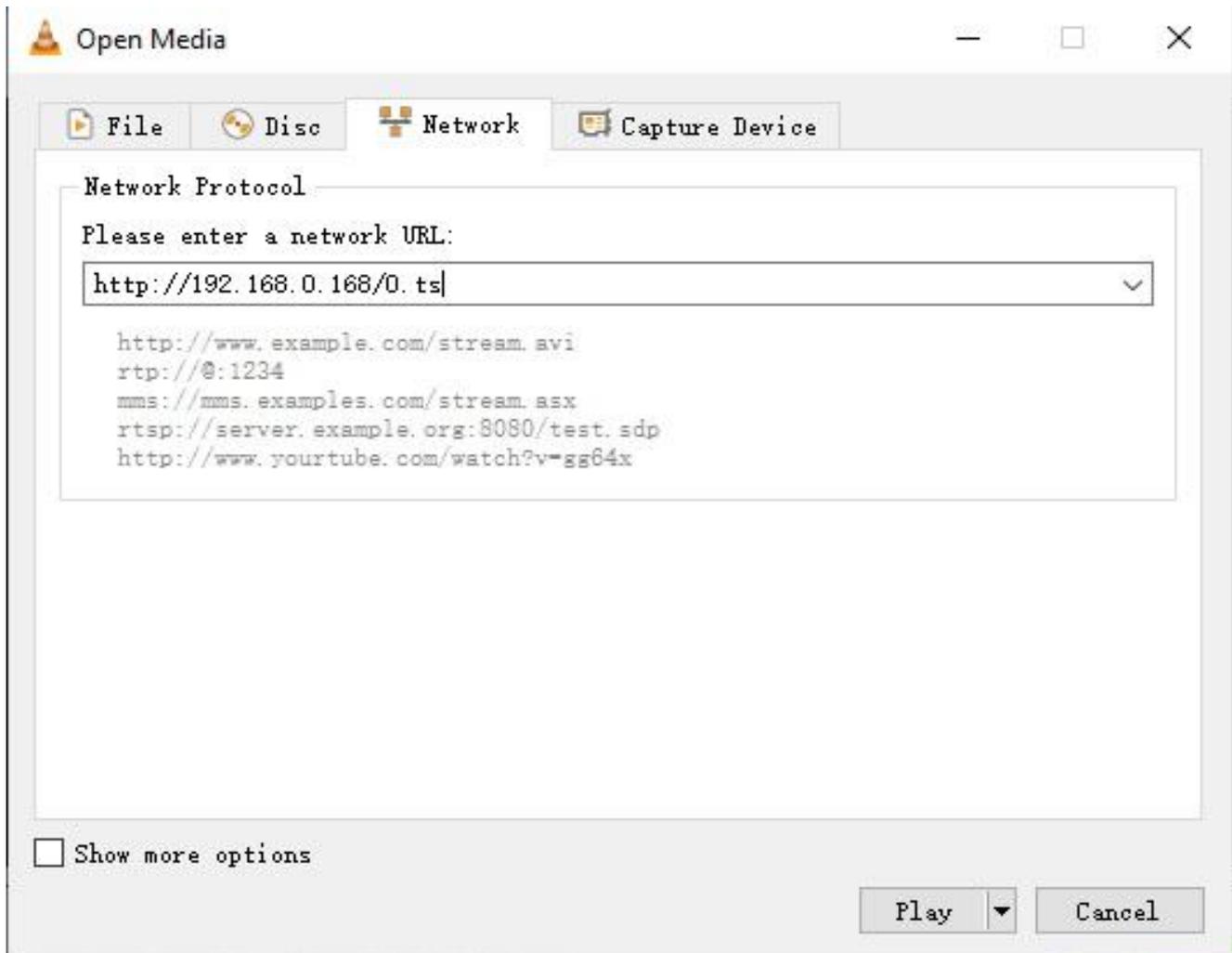
**Step 5:** Set the computer network card to automatically obtain an IP address and then connect to the router's LAN port. The encoder finds another network cable to connect to the router's LAN port.



**Step 6:** Download and install the VLC player, connect the HDMI input of the encoder to the signal source, open the VLC player, select media → open network streaming



**Step 7:** Enter the IP address set by the encoder: `http://192.168.0.168/0.ts`, click play, the local area network setting has been completed. Please set according to the network segment of the router. This content is for reference only.



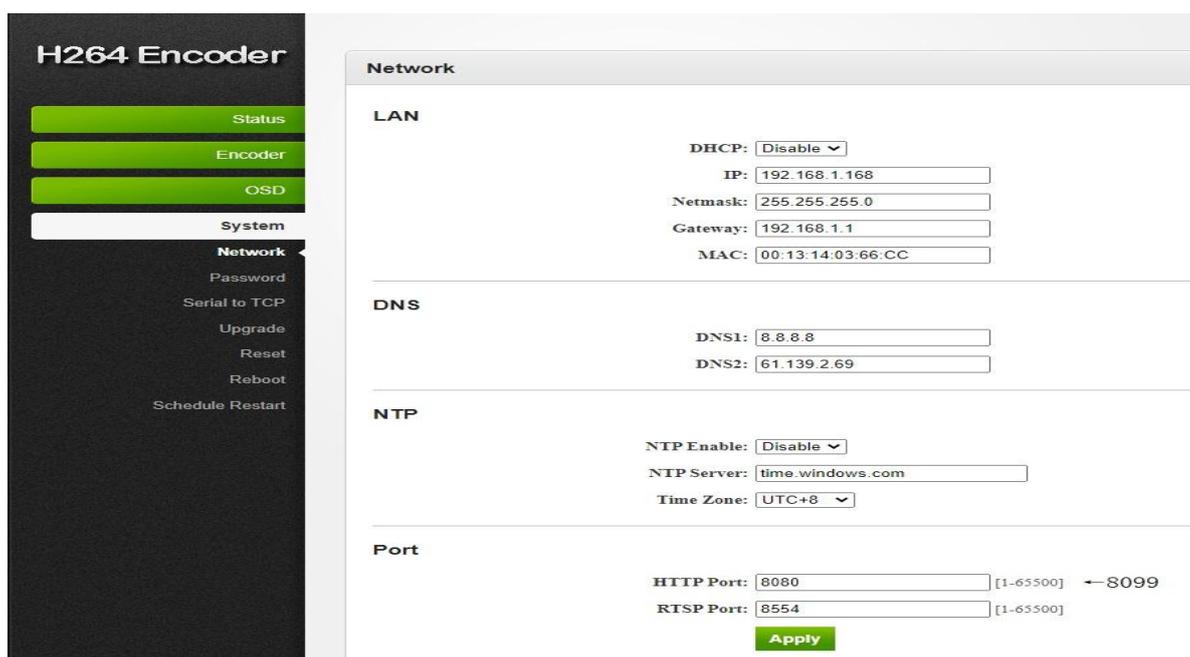
The steps for setting the WAN (external network) are as follows:

**Step 1:** Keep all the settings of the LAN, connect the network cable of the external network to the WAN port of the router, enter the router interface, find the DMZ host to select and enable this function, and set the DMZ IP address to the encoder LAN address:

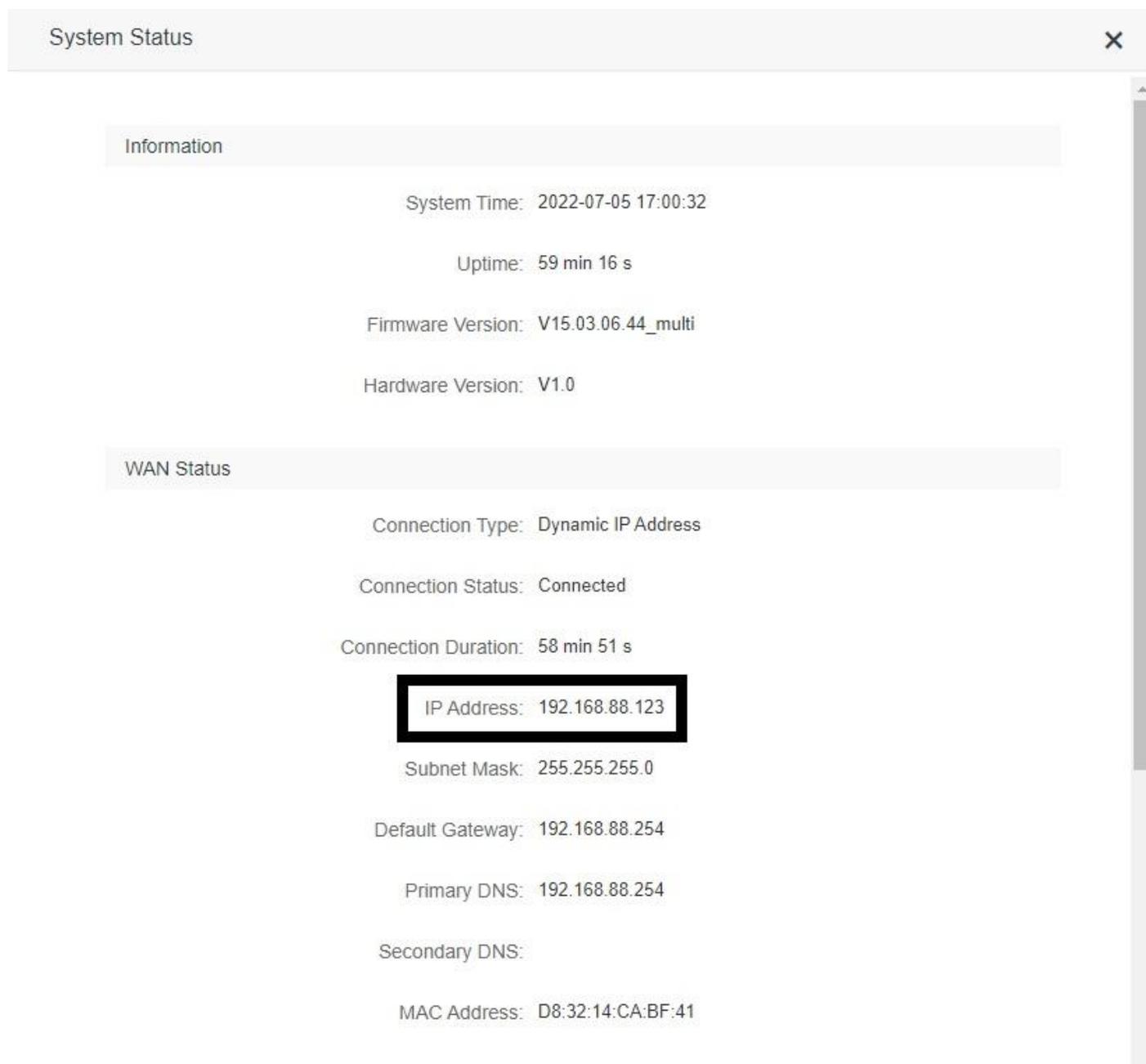
192.168.X.168



**Step 2:** Enter the encoder settings page, System Settings - "Network Settings -" Port 8080 is changed to any number like 8099



**Step 3:** Enter the router page, in the running status option, check the IP address of the WAN port status as an example as shown below: 192.168.88.123



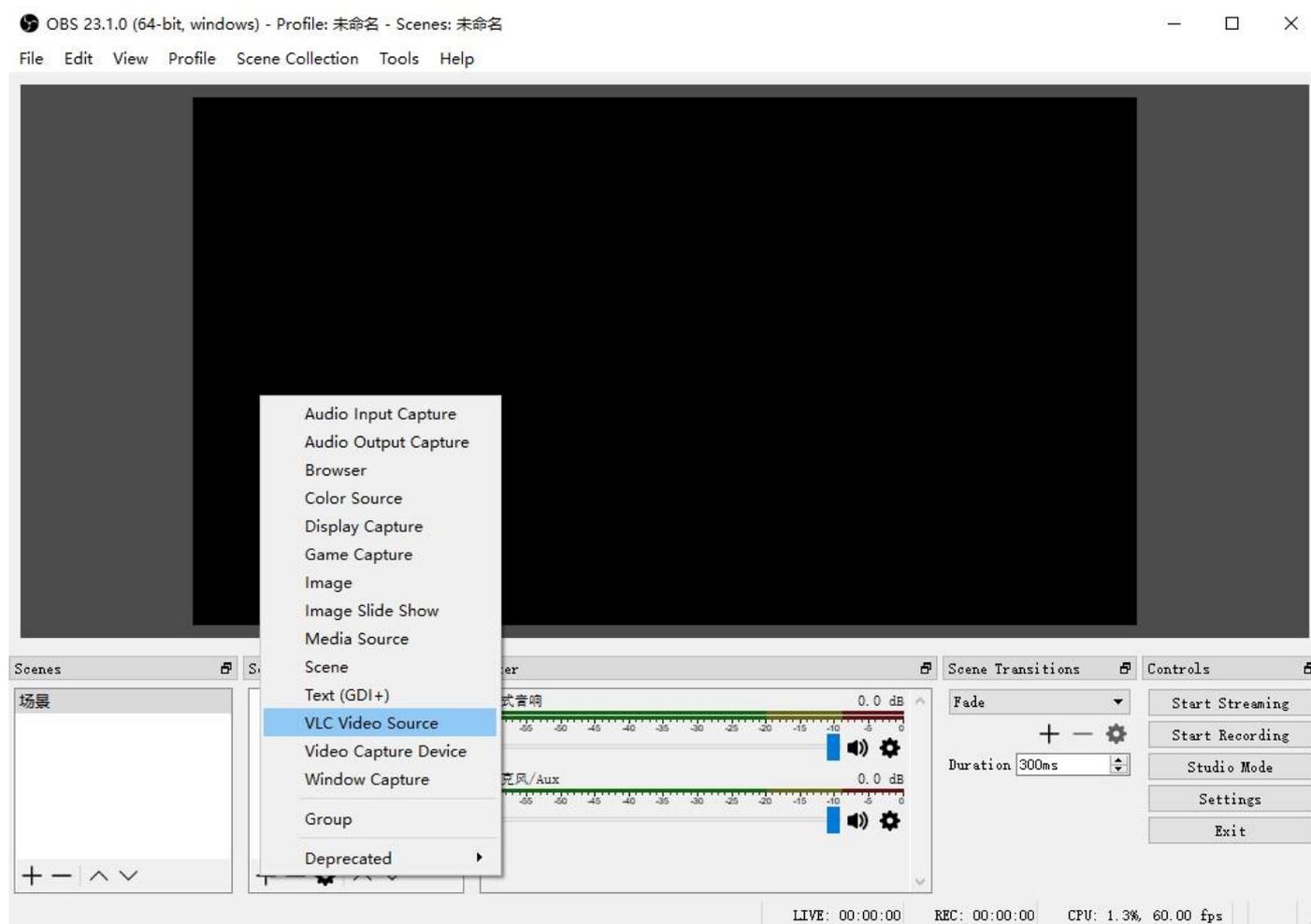
The screenshot displays the 'System Status' window of a router. It is divided into two sections: 'Information' and 'WAN Status'. The 'Information' section lists the following details: System Time: 2022-07-05 17:00:32, Uptime: 59 min 16 s, Firmware Version: V15.03.06.44\_multi, and Hardware Version: V1.0. The 'WAN Status' section provides network configuration details: Connection Type: Dynamic IP Address, Connection Status: Connected, Connection Duration: 58 min 51 s, IP Address: 192.168.88.123 (highlighted with a black box), Subnet Mask: 255.255.255.0, Default Gateway: 192.168.88.254, Primary DNS: 192.168.88.254, Secondary DNS: (blank), and MAC Address: D8:32:14:CA:BF:41.

Section	Parameter	Value
Information	System Time	2022-07-05 17:00:32
	Uptime	59 min 16 s
	Firmware Version	V15.03.06.44_multi
	Hardware Version	V1.0
WAN Status	Connection Type	Dynamic IP Address
	Connection Status	Connected
	Connection Duration	58 min 51 s
	IP Address	192.168.88.123
	Subnet Mask	255.255.255.0
	Default Gateway	192.168.88.254
	Primary DNS	192.168.88.254
	Secondary DNS	
MAC Address	D8:32:14:CA:BF:41	

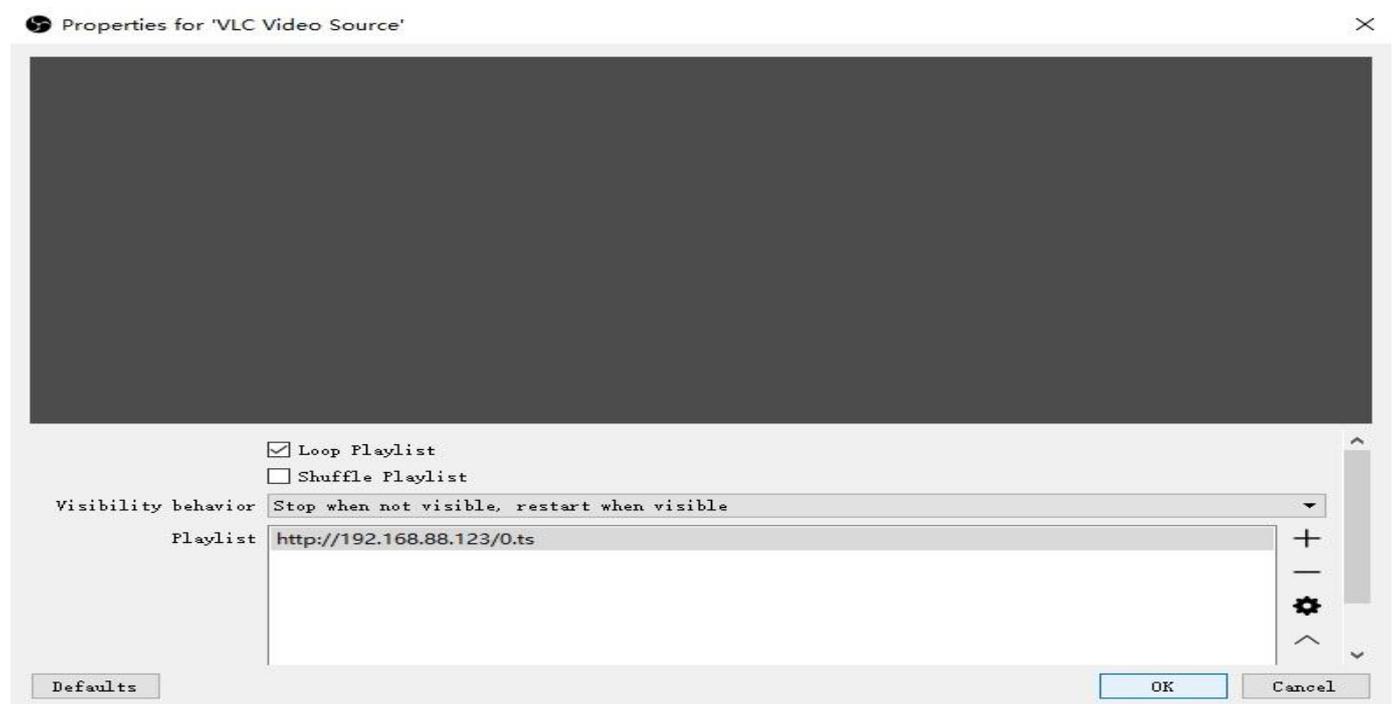
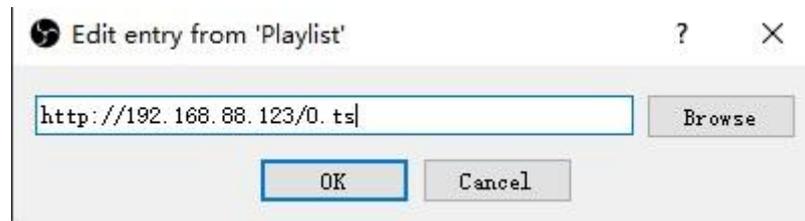
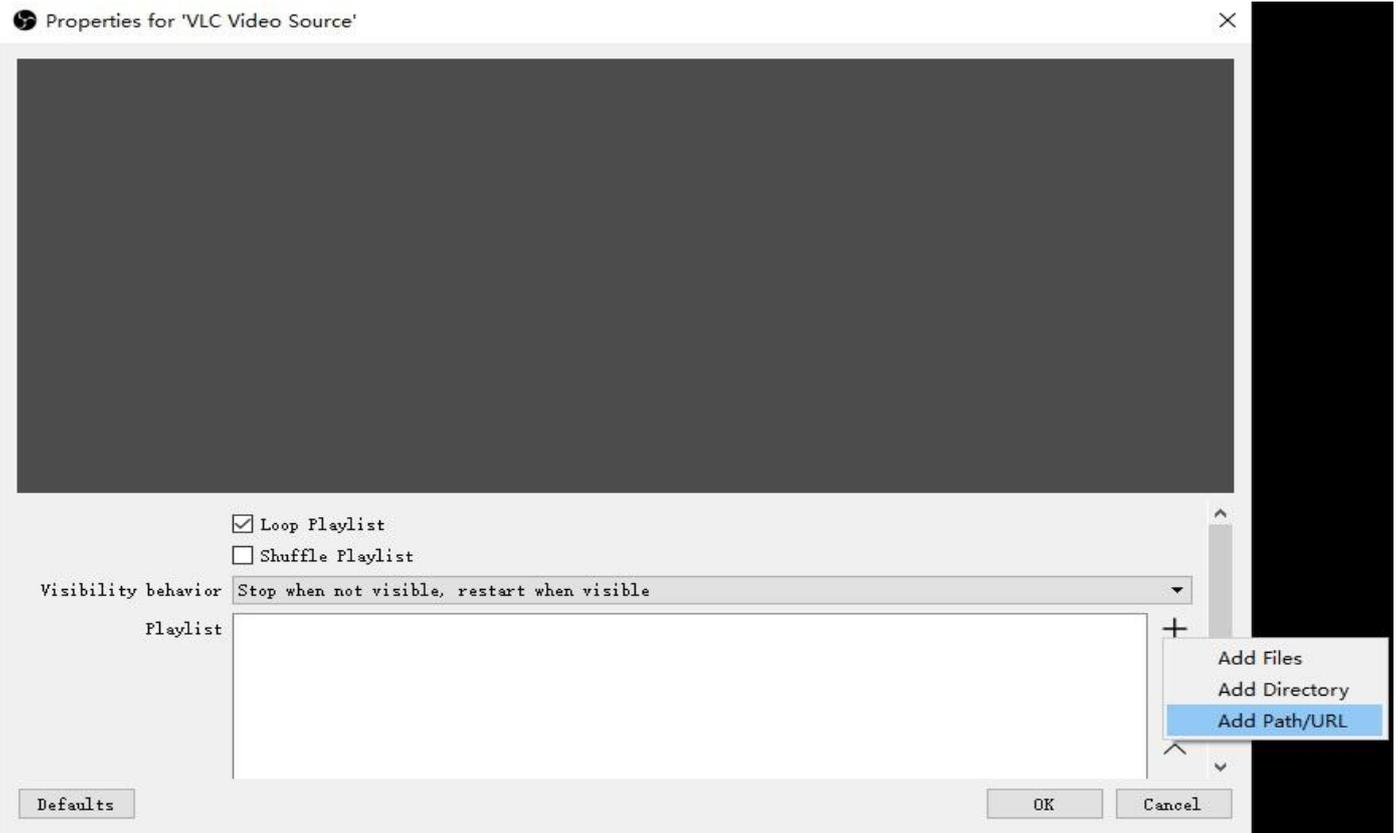
**Step 4:** Open the VLC software on the external network, set the network streaming address to: <http://192.168.88.123:8099/0.ts>, click play, you can watch the video source input by the encoder on the external network

**OBS Studio capture encoder setting steps are as follows:**

**Step 1:** Open OBS Studio, click "+" in the source interface, select VLC video source, create a new name and click OK (if there is no VLC option, please update the latest version)



**Step 2:** Click the "+" on the right, select "Add Path/URL", enter <http://192.168.88.123/0.ts> in the text box, click OK, and click OK after the address appears in the playlist.



**Step 3:** After the connection is successful, only the image but no sound can be set further. In the mixer interface of the main interface of OBS, find the small gear of the sound of the VLC video source, click the pop-up menu bar to select advanced audio properties, and select the advanced audio properties in the VLC video source. Select monitor and output in the audio monitor of , and then close.

