

Web GUI

1.1 Web GUI for Transmitter

Connect to the network the same way as the transmitter.

Step 1: The LAN port of the Transmitter is connected directly the network port of a Computer with an UTP cable. The HDMI IN port of the Transmitter is connected an source device such as DVD player with an HDMI cable. The Transmitter is connected power supply. The connection diagram is shown as below.

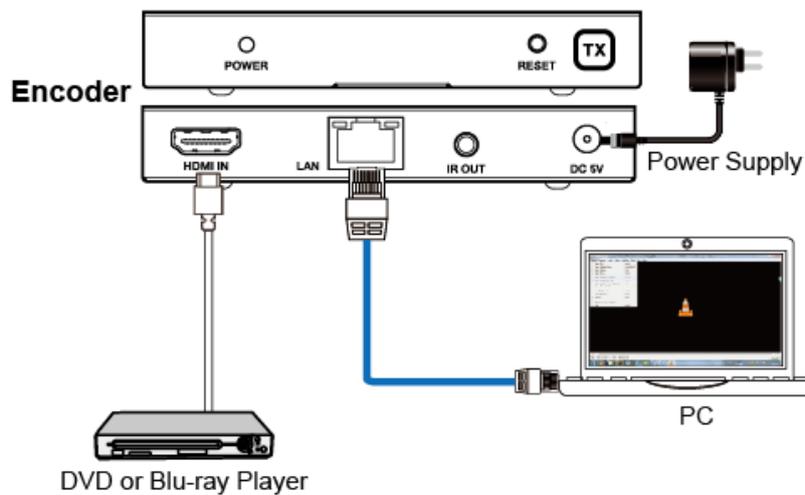
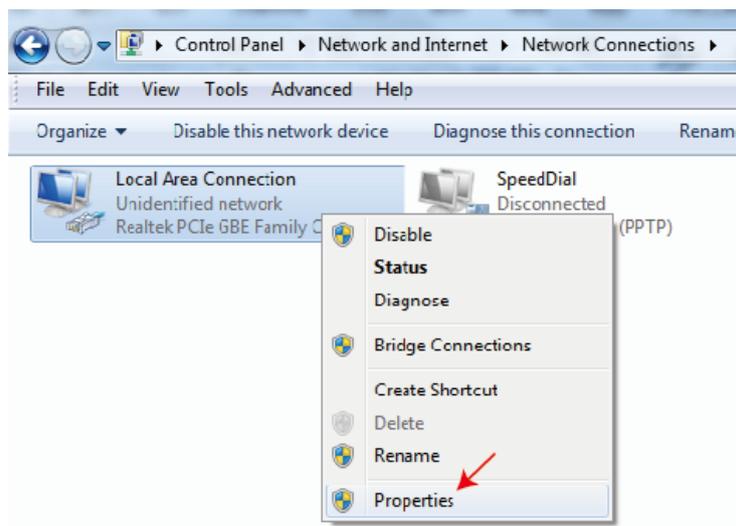
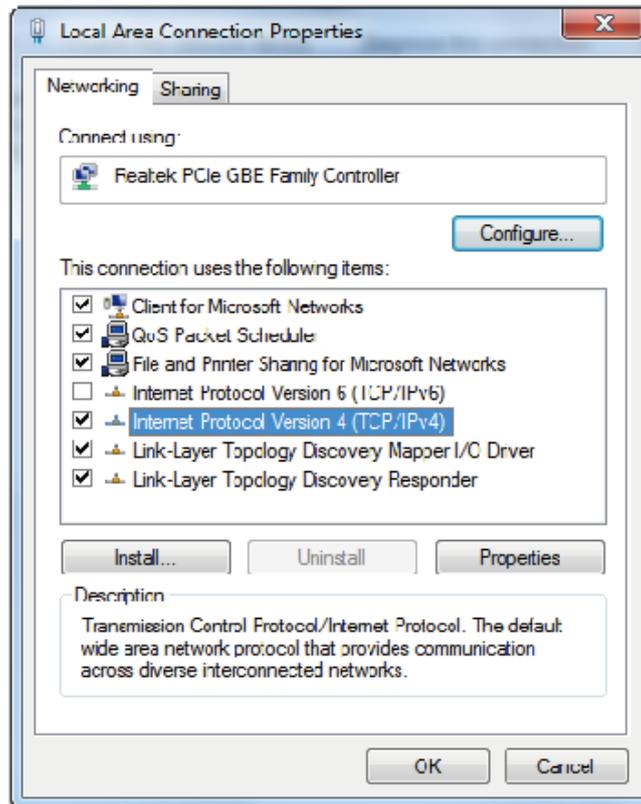


Figure 1: Video Stream connection diagram

Step 2: On the PC, go to **Control Panel > Network and Internet > Network Connections > Local Area Connections**, right click on it, choose **Properties**.



Double click Internet Protocol Version 4 (TCP/IPv4)



Choose “Use the following IP address”, input 192.168.10.200 as IP address, 255.255.255.0 as Subnet mask, and then click on OK, click on OK again.



Notice: The IP address of the computer and Transmitter should be in the same network segment. As the Transmitter’s IP address is 192.168.10.10, the computer’s IP should be 192.168.10.X (X contains 1~255 except 10).

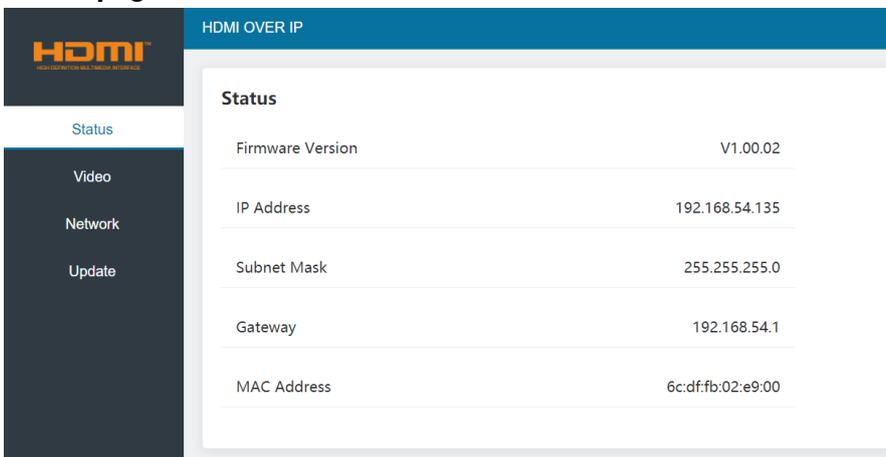
Step 3: Input the Transmitter’s IP address into your browser on the PC to enter

Web GUI page:

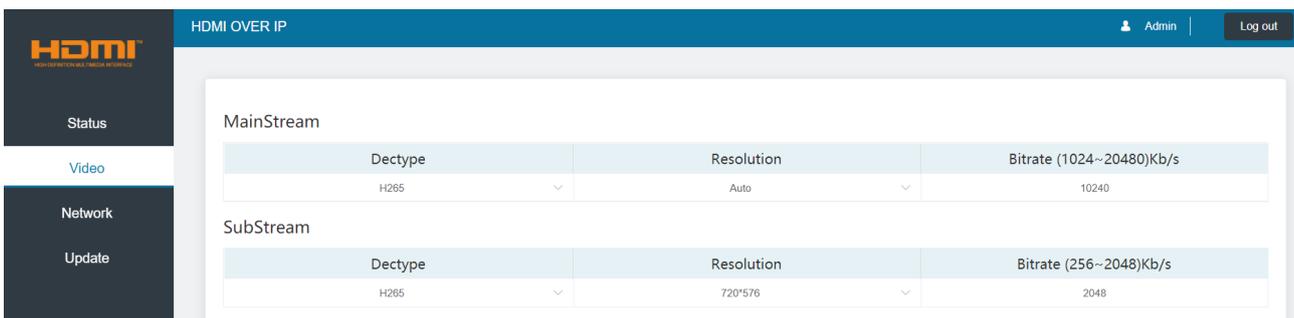


password: admin

Status page



Video page



Dectype: The dectype is H265 at MainStream or SubStream.

Resolution: There is a pull-up frame when you click the blue arrow area. You can choose an output resolution.

MainStream resolution includes 1280*720 , 1920*1080 and Auto.

Substream resolution includes 352*288, 640*480, 720*576.

Bitrate: You can set bitrate at MainStream or SubStream, and then click blank on the webpage to

confirm this operation. The MainStream range is from 1024Kb/s to 20480Kb/s and the SubStream range is from 256Kb/s to 2048Kb/s.

Note: You can only use either MainStream or SubStream in VLC media player. The MainStream has larger resolution and bitrate than the SubStream. So, the MainStream picture is clearer than the SubStream.

Network page

The screenshot shows the 'Network' configuration page of an HDMI transmitter. The left sidebar contains navigation links: Status, Video, Network (selected), and Update. The main content area is split into two sections. The 'IP Settings' section has a 'Mode' selector with 'DHCP' selected, and input fields for 'IP Address' (192.168.10.104), 'Subnet Mask' (255.255.255.0), 'Gateway' (192.168.10.1), and 'Web Port' (80). The 'Web Login Settings' section has a 'Username' selector with 'Admin' selected, and input fields for 'Old Password', 'New Password', 'Confirm', and 'Password'. At the bottom right, there are two buttons: 'Set Network Defaults' and 'Save'.

Network Configuration

◆ In DHCP open status:

DHCP switch: Obtain automatically the network configuration information, including IP address, Subnet, Gateway.

◆ In DHCP close status: DHCP switch: If the DHCP switch has been closed, you can set IP, Subnet, Gate address. You must pay attention to the Gate address and the IP address in the same network segment. IP address and Gate address can not be the same in the last address. You don't need to change the Subnet address. In this moment, click the "Save" button to save current status information.

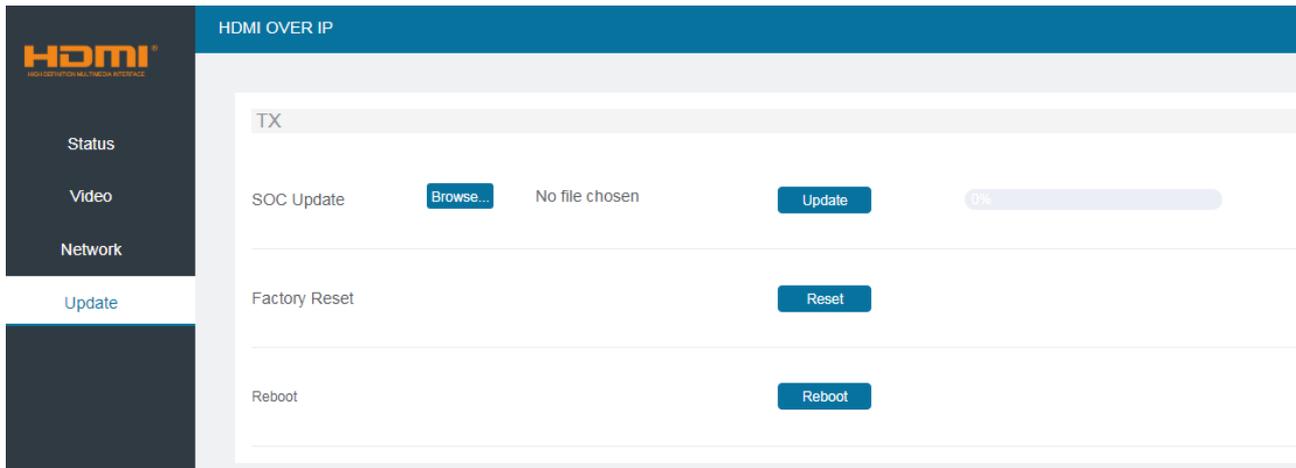
Note: If you have changed the Network Configuration and clicked the "Save" button. You have changed the IP address, and you can continue use current Web GUI function. But next time you connect Web GUI, you need to use the IP address that you set before. The IP address will recover default 192.168.10.10 when the product is set factory reset.

Status button: Clicking this button will refresh currently network configuration information to display in Status Log.

port: Set port value. The default value is 80.

Note: You can press the "Set Network Defaults" button of the Transmitter to recover default IP address. The default IP address is 192.168.10.10. And default is DHCP ON.

Update page



Firmware update port, open a bin. file and then click “Upgrade” button to update Transmitter firmware.

Note: When the update file is too large, the upgrade progress could stay a long time in 99%. This is normal. Please do not turn off the power or click the “Reset” or “Reboot” button until the progress has reached 100%.

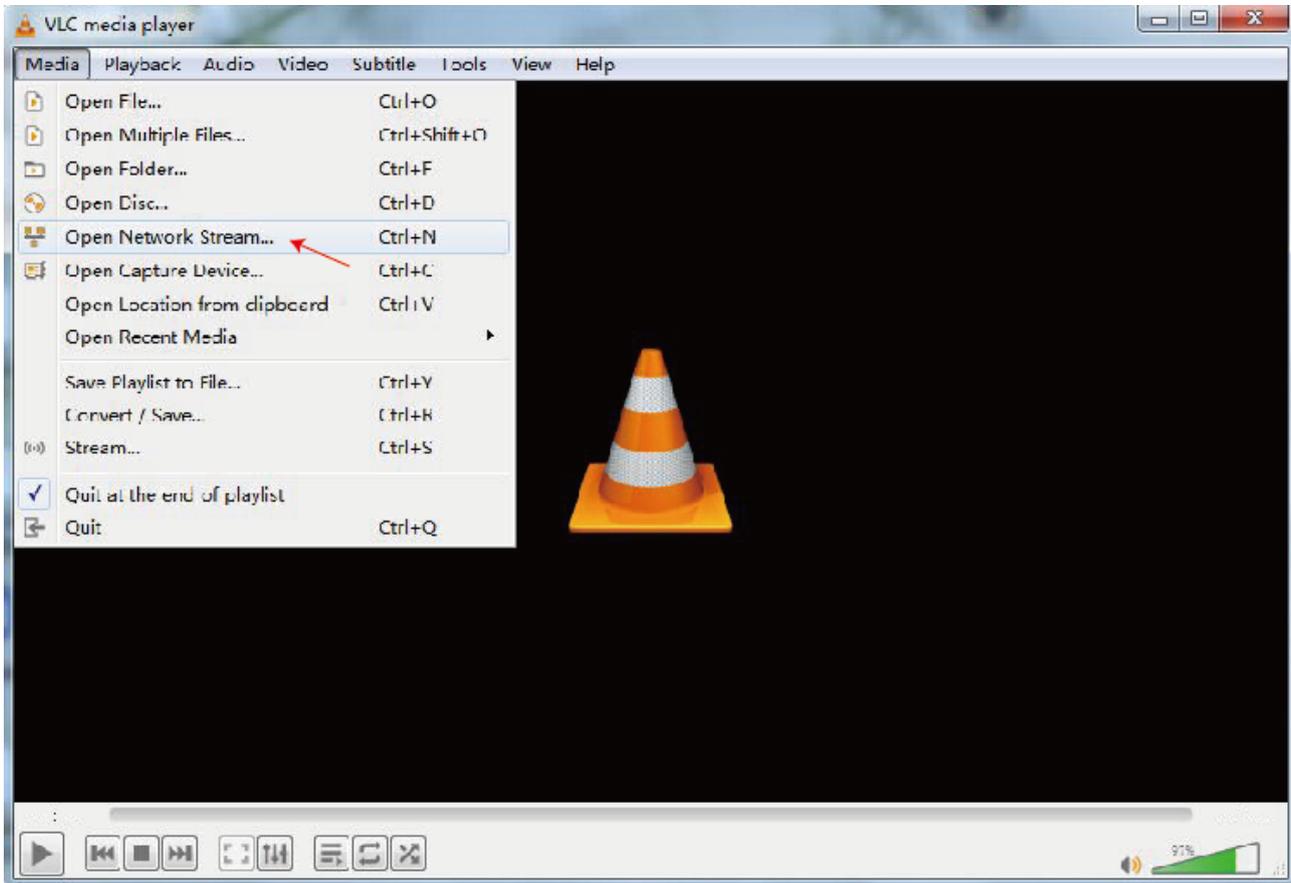
Very important: After upgrade clear the browser cache so the update can take effect e.g. Chrome: Ctrl+shift+delete

“Reset” button set the machine to factory setting.

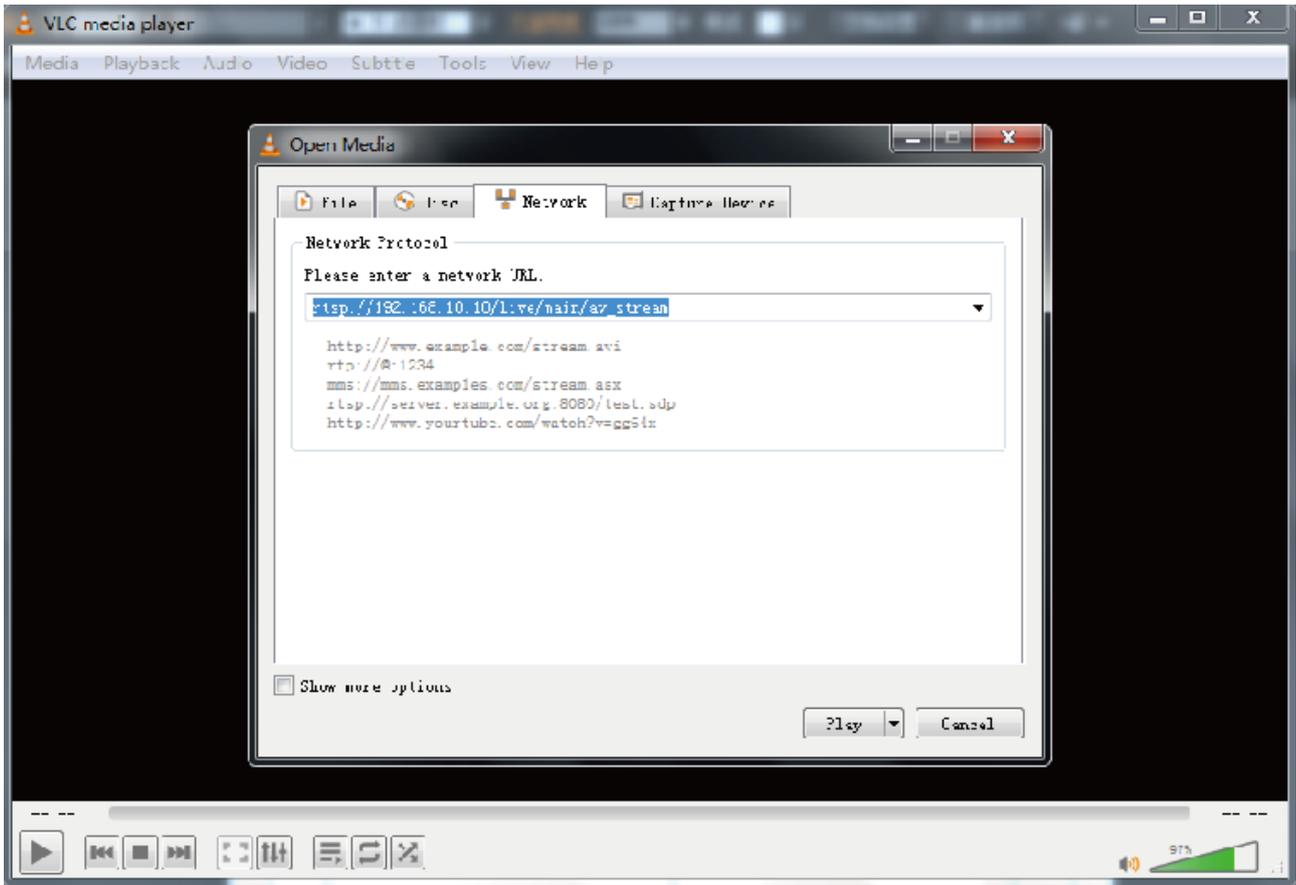
1.2 VLC media player instruction

When you have connected the Web GUI, then you need to open the VLC media player software on the computer.

Step 1: Click “Media > Open Network Stream”



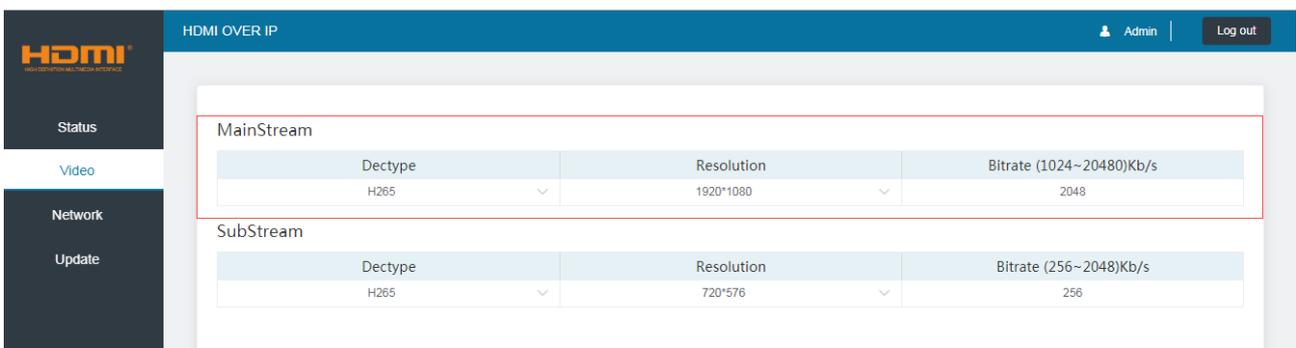
Step 2: At this time, you will see the following page. You need to enter a network URL. If you want to enter MainStream, please input a MainStream network URL. The MainStream is “rtsp://192.168.10.10/live/main/av_stream”. If you want to enter SubStream, please input a SubStream network URL. The SubStream is “rtsp://192.168.10.10/live/sub/av_stream”. Then click the “Play” button. Please see the following page.



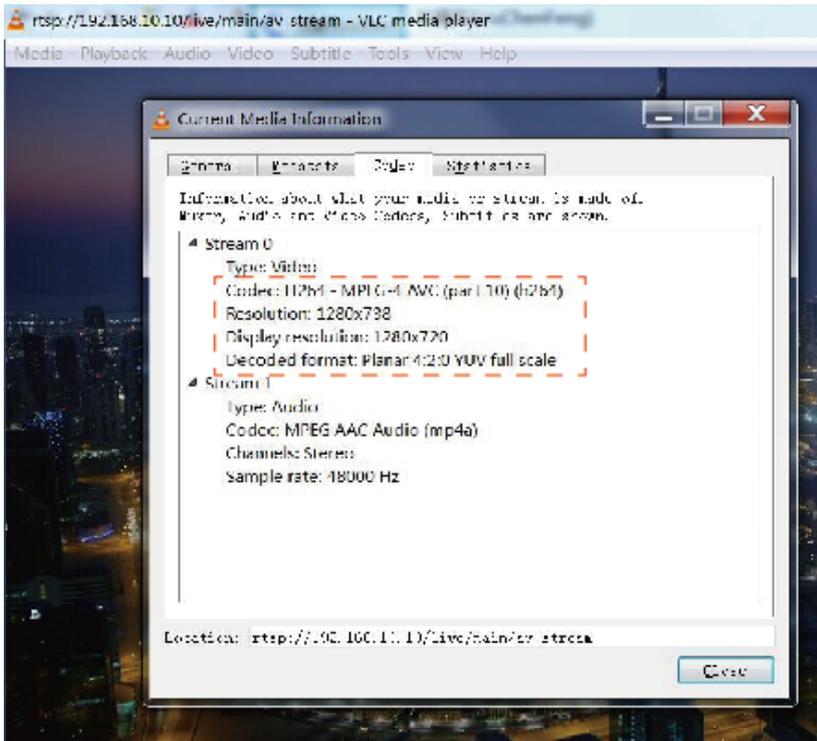
Notes:

- ① If you enter a MainStream network URL, you can use the MainStream to control the VLC media player on the Video page of Web GUI. If you enter a SubStream network URL, you can use the SubStream to control the VLC media player on the Video page of Web GUI.
- ② If the VLC media player is not work well, please check the IP address (the IP address of the computer and product should be in the same network segment.) and network connection status.
- ③ If everything is OK, the product boot static IP need to a little time to communication for router. Please try it more times.

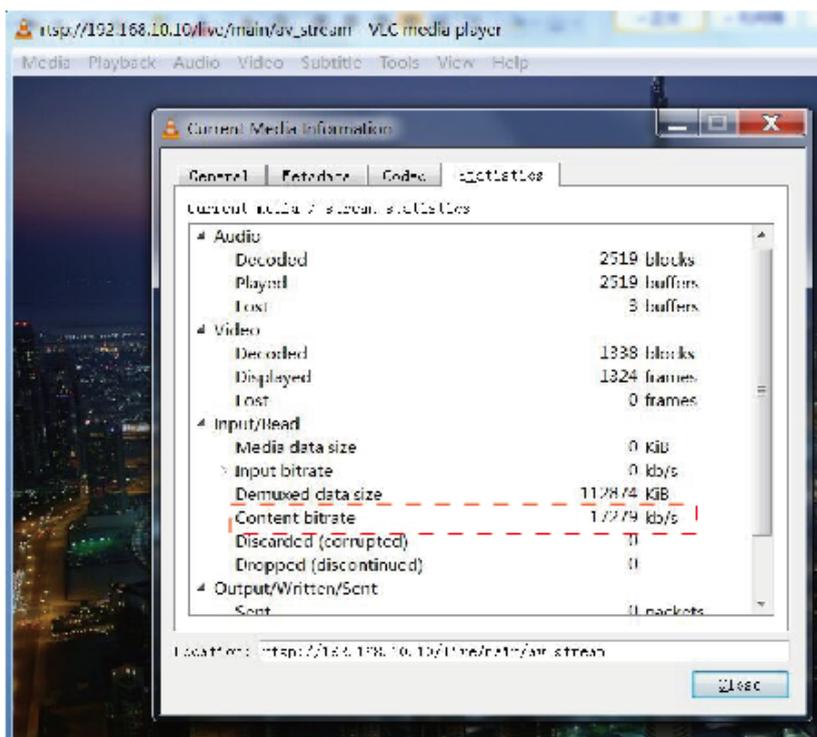
Step 3: If you enter a MainStream network URL, you can use the MainStream of the Web GUI to setting the Dectype, Resolution and Bitrate value of the VLC media player.



At the same time, you can check the setting on VLC media player. Choose "Tools>Codec information" to check current codec and resolution.



Choose "Tools>Codec information>Statistics" to check current bitrate. Please see the following picture.



Note: The bitrate is floating up and down when you check it. This is a normal phenomenon.

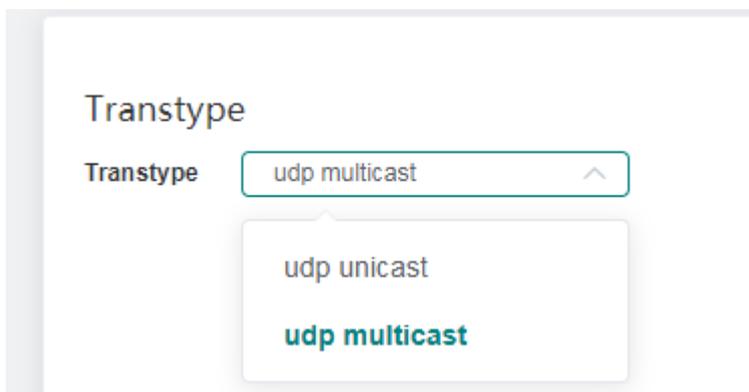
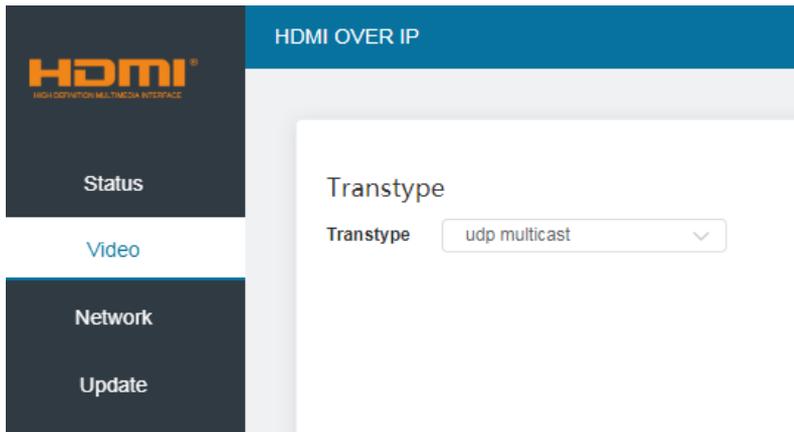
2. Web GUI for Receiver

The Receiver connects in the same way.

Network Configuration

The default IP address is 192.168.10.11. And default is DHCP ON.

Video page



Transtype: You can select “udp multicast” or “udp unicast”.