

RTP multicast:

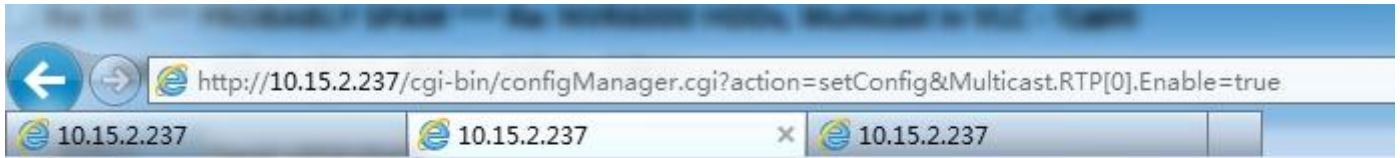
1. type in command to enable RTP multicast of RTP[0] and RTP[1] on the web address

[http://ip/cgi-bin/configManager.cgi?action=setConfig&Multicast.RTP\[0\].Enable=true](http://ip/cgi-bin/configManager.cgi?action=setConfig&Multicast.RTP[0].Enable=true)

my IPC's IP address is 10.25.2.237, so this command should be

[http://10.15.2.237/cgi-bin/configManager.cgi?action=setConfig&Multicast.RTP\[0\].Enable=true](http://10.15.2.237/cgi-bin/configManager.cgi?action=setConfig&Multicast.RTP[0].Enable=true)

WEB page will let you enter login and password, then will show OK



OK

The same command do with:

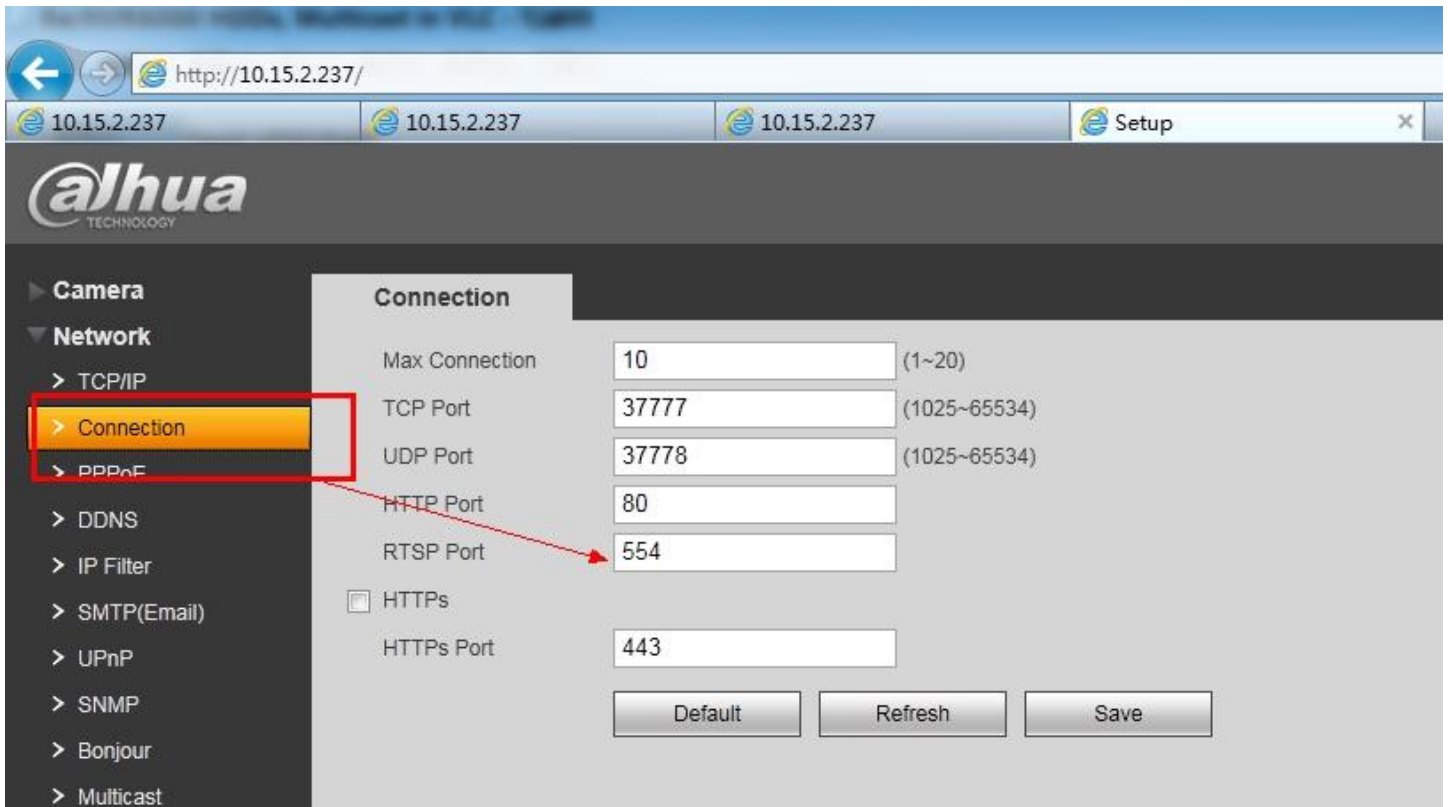
[http://10.15.2.237/cgi-bin/configManager.cgi?action=setConfig&Multicast.RTP\[1\].Enable=true](http://10.15.2.237/cgi-bin/configManager.cgi?action=setConfig&Multicast.RTP[1].Enable=true), shows OK as well.

2. Check Multicast information use:

<http://ip/cgi-bin/configManager.cgi?action=getConfig&name=Multicast>

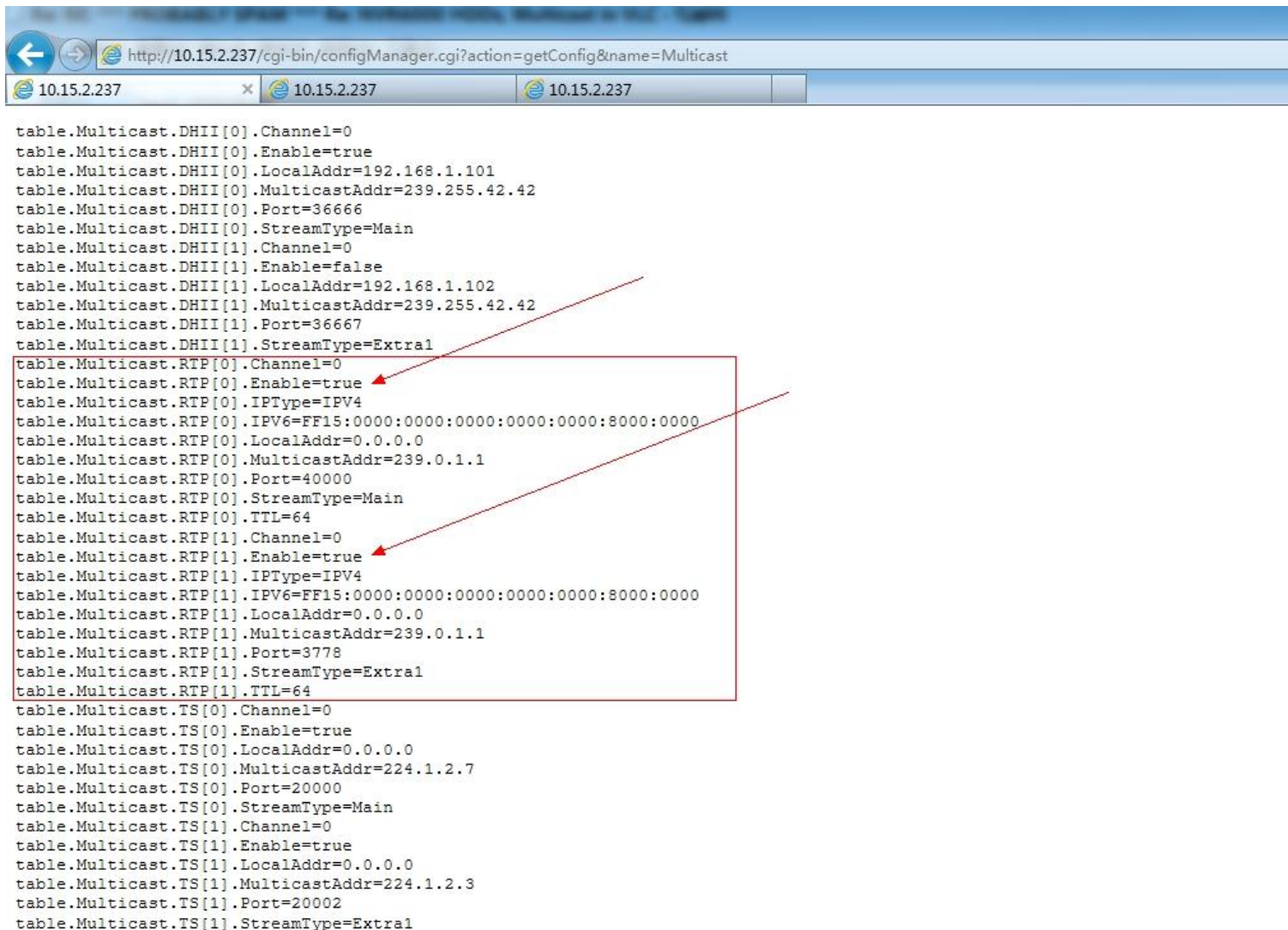
The default port for RTP[0] is 40000 and for RTP[1] is 40001, the default RTP port is 554.

You can verify RTP port on the web page setting:



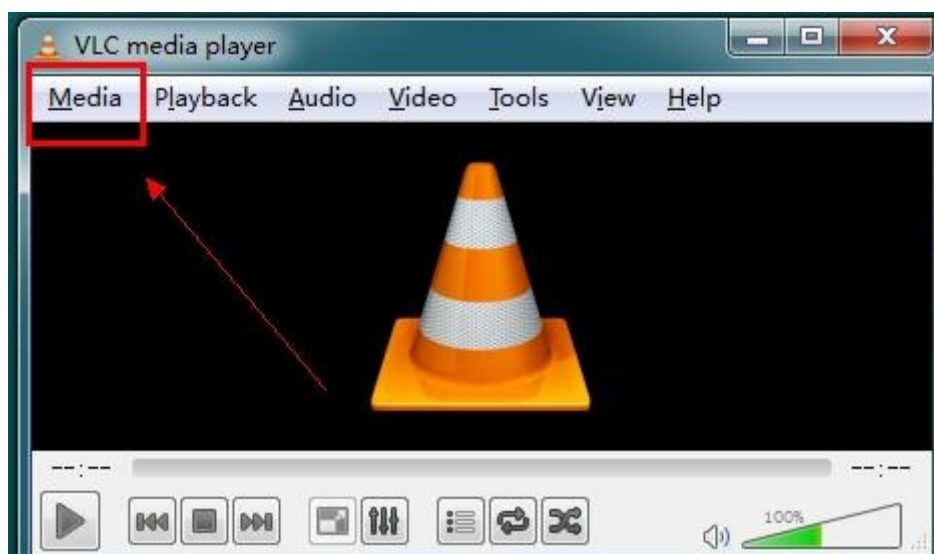
You can see as followed RTP status after putting commend, both enable are true

Please note, for RTP multicast, both RTP [0] and [1] must enabled; The RTSP Port must be even



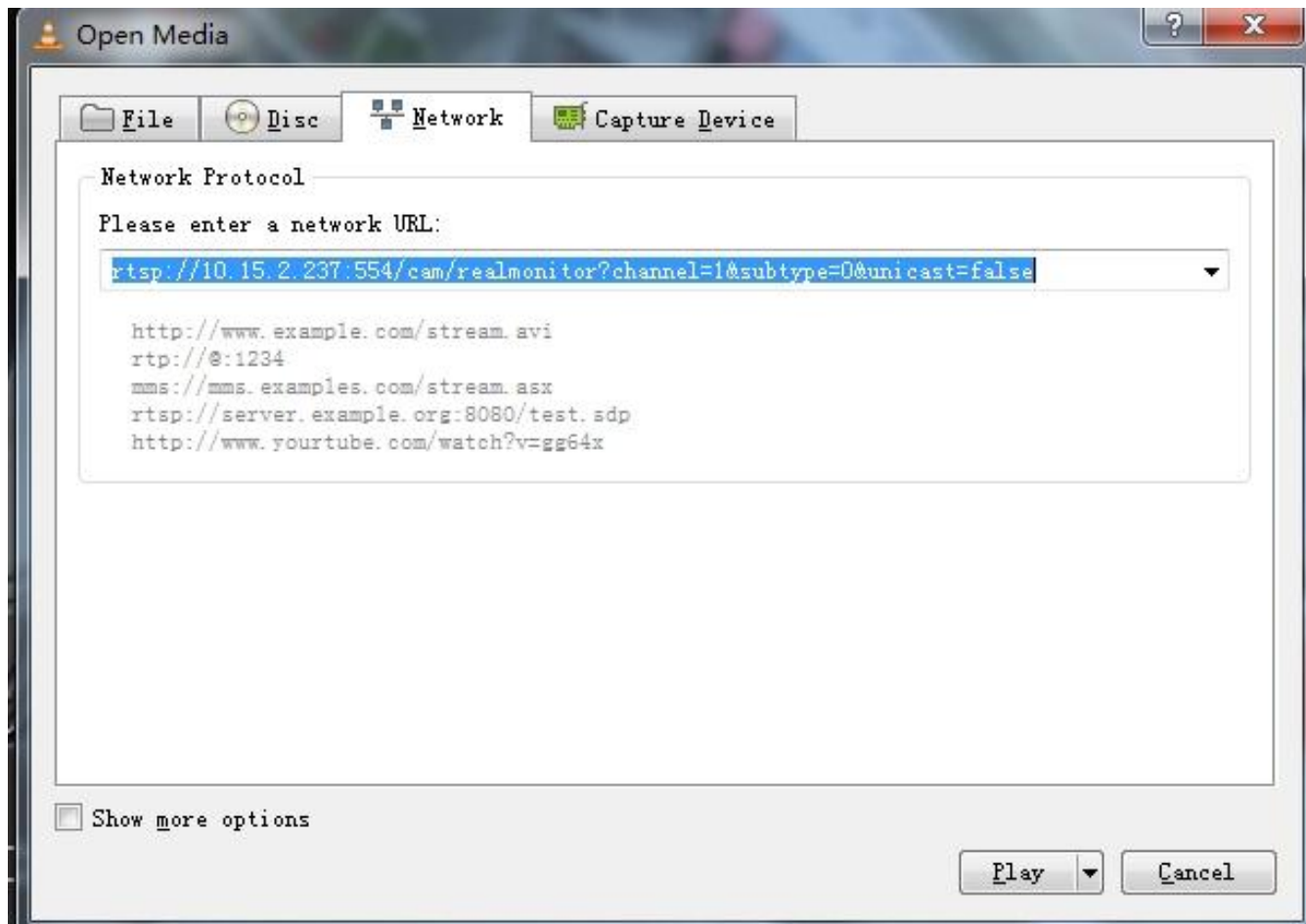
```
table.Multicast.DHII[0].Channel=0
table.Multicast.DHII[0].Enable=true
table.Multicast.DHII[0].LocalAddr=192.168.1.101
table.Multicast.DHII[0].MulticastAddr=239.255.42.42
table.Multicast.DHII[0].Port=36666
table.Multicast.DHII[0].StreamType=Main
table.Multicast.DHII[1].Channel=0
table.Multicast.DHII[1].Enable=false
table.Multicast.DHII[1].LocalAddr=192.168.1.102
table.Multicast.DHII[1].MulticastAddr=239.255.42.42
table.Multicast.DHII[1].Port=36667
table.Multicast.DHII[1].StreamType=Extra1
table.Multicast.RTP[0].Channel=0
table.Multicast.RTP[0].Enable=true
table.Multicast.RTP[0].IPType=IPv4
table.Multicast.RTP[0].IPv6=FF15:0000:0000:0000:0000:0000:8000:0000
table.Multicast.RTP[0].LocalAddr=0.0.0.0
table.Multicast.RTP[0].MulticastAddr=239.0.1.1
table.Multicast.RTP[0].Port=40000
table.Multicast.RTP[0].StreamType=Main
table.Multicast.RTP[0].TTL=64
table.Multicast.RTP[1].Channel=0
table.Multicast.RTP[1].Enable=true
table.Multicast.RTP[1].IPType=IPv4
table.Multicast.RTP[1].IPv6=FF15:0000:0000:0000:0000:0000:8000:0000
table.Multicast.RTP[1].LocalAddr=0.0.0.0
table.Multicast.RTP[1].MulticastAddr=239.0.1.1
table.Multicast.RTP[1].Port=3778
table.Multicast.RTP[1].StreamType=Extra1
table.Multicast.RTP[1].TTL=64
table.Multicast.TS[0].Channel=0
table.Multicast.TS[0].Enable=true
table.Multicast.TS[0].LocalAddr=0.0.0.0
table.Multicast.TS[0].MulticastAddr=224.1.2.7
table.Multicast.TS[0].Port=20000
table.Multicast.TS[0].StreamType=Main
table.Multicast.TS[1].Channel=0
table.Multicast.TS[1].Enable=true
table.Multicast.TS[1].LocalAddr=0.0.0.0
table.Multicast.TS[1].MulticastAddr=224.1.2.3
table.Multicast.TS[1].Port=20002
table.Multicast.TS[1].StreamType=Extra1
```

3. Close firewall, close all Antivirus, open VLC and find network Steam



Input commend:

rtsp://10.15.2.237:554/cam/realmonitor?channel=1&subtype=0&unicast=false



Enter play and it should be multicast video comes out shows like:



UDP Multicast:

The UDP modify is the same with RTP

Input [http://ip/cgi-bin/configManager.cgi?action=setConfig&Multicast.TS\[0\].Enable=true](http://ip/cgi-bin/configManager.cgi?action=setConfig&Multicast.TS[0].Enable=true) to enable TS protocol

Inout [http://ip/cgi-bin/configManager.cgi?action=setConfig&Multicast.TS\[0\].MulticastAddr=ip](http://ip/cgi-bin/configManager.cgi?action=setConfig&Multicast.TS[0].MulticastAddr=ip) to modify UDP multicast address

The default address of UDP is 224.1.2.3, the modify range is 224.X.X.X.to 239.X.X.X

In the VLC, input `udp://@224.1.2.3:20000` (if there is only 1 IPC online, however, if multiple IPC connect in the LAN, you should change the default address to others)

