

VLC setup to get RTSP Multicast from ANT-35000

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There are 2 methods to get a RTSP Multicast stream from the ANT-35000 series encoders.

The first option is an additional parameter added to the end of the access URL. This is useful for decoders with only a single line for parameters.

The second option is to use addition parameters in the decoder.

Both these options can be used with the ANT-36000 decoder.

Tested with VLC 3.0.8, ANT-35000 with V3.907R01_T913 & V3.911B02_T913, ANT-36000 with V4.907R01_T913

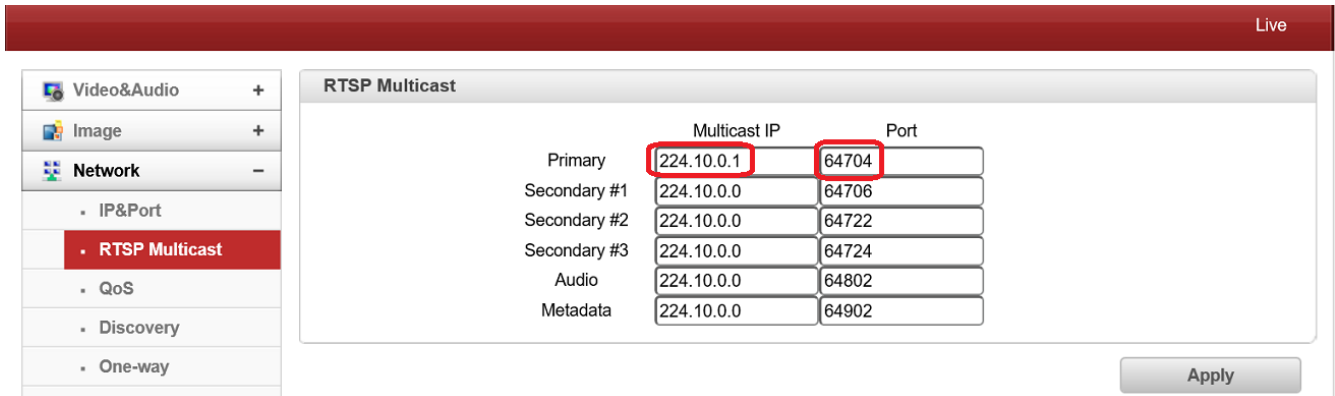
Document info

Version	date	author	Comments
1.0	25-Nov-19	David M	First draft

1. ANT-35000 setup

In the web GUI navigate to the "RTSP Multicast" page. The items highlighted in Figure 1 are the multicast destination IP address and destination port for the primary video stream. If this was viewed by unicast RTSP it would be RTSP://admin:1234@192.168.10.100:554/video1

Figure 1 : ANT-35000 RTSP multicast settings



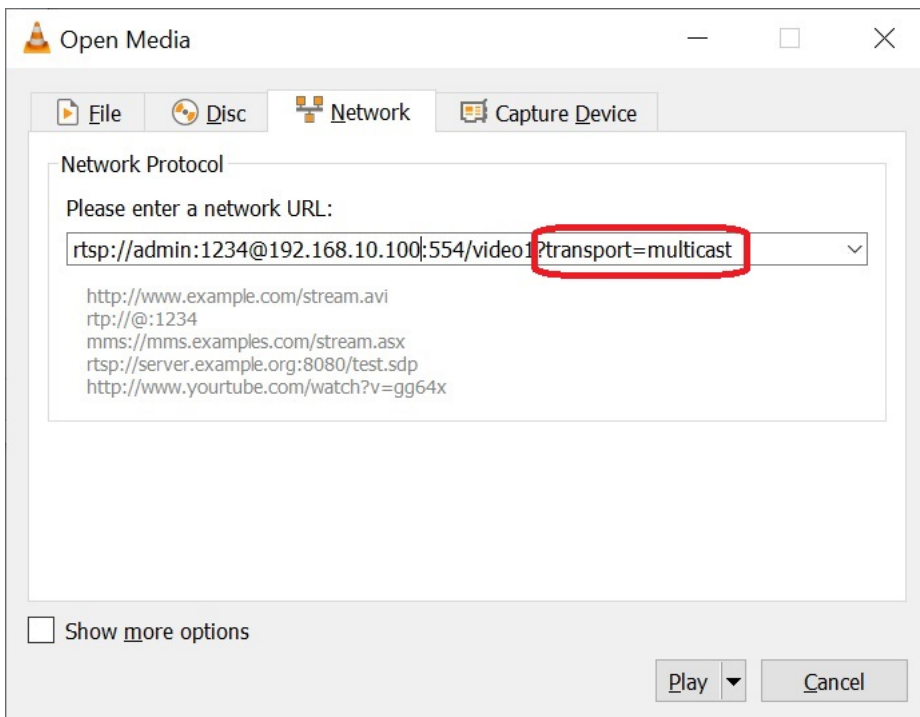
2. Decode Option 1 – single line URL

2.1. VLC setup

In VLC in the network setup add "?transport=multicast" to the end of the Access URL, as highlighted in Figure 2. The complete URL is then

rtsp://admin:1234@192.168.10.100:554/video1?transport=multicast

Figure 2 : VLC additional parameter



2.2. ANT-36000 setup

Using the ANT-36000 decoder in the "Remote" setup page, see example in Figure 3, the setup will be:

Parameter	Value	Comments
Remote Type	RTSP	
Media Protocol	UDP or TCP	this is a customer's choice
Address	rtsp://admin:1234@192.168.10.100:554/video1?transport=multicast	same as VLC
Port	554	

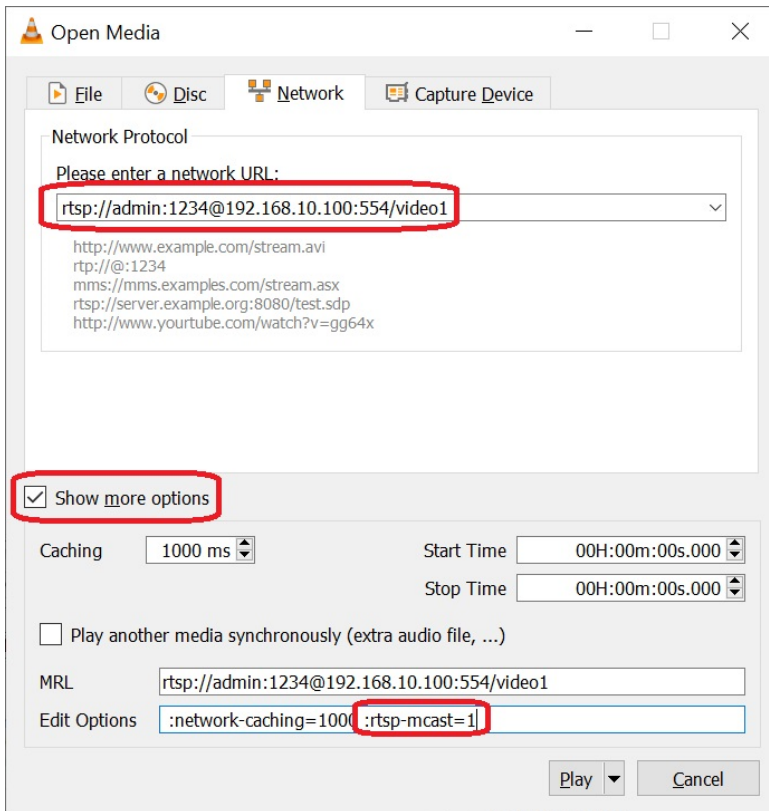
Figure 3 : ANT-36000 additional parameter

3. Decode Option 2 – additional parameter

3.1. VLC setup

In VLC in the network setup select "Show more option" and the command " :rtsp-mcast=1" after the network cache setting, as highlighted in Figure 4. Please note the space between the end of the cache setting the rtsp-mcast command.

Figure 4 : VLC RTSP settings



3.2. ANT-36000 setup

Using the ANT-36000 decoder in the "Remote" setup page, see example in Figure 5, the setup will be:

Parameter	Value	Comments
Remote Type	RTSP	
Media Protocol	Multicast	
Address	rtsp://admin:1234@192.168.10.100:554/video1	The basic RTSP connection URL
Port	554	

Figure 5 : ANT-36000 additional parameters

