

View streamed video using VLC

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VLC is a powerful free to use media player.

It has the advantage over a hardware decoder that it uses a PC and so be updated easily and uses the resources of the PC to decode the video.

Please in some cases the video may be “too much” for the PC and so the displayed video quality may be poor.

“too much” refers to a number of parameters including bitrate, resolution, frame rate & codec, which may make the PC processor and graphic output may not be able to process the video correctly.

For further help and advice please contact Antrica on:
Email: support@antrica.com
Phone: +44 1628 626098, during UK office hours,
and ask for technical support

Document info

Version	date	author	Comments
0.1	13-Nov-25	David M	Based on section 3 of “ANT-37000A trouble Shooting Guide v0.4 ” On-going draft

1. VLC

VLC can be downloaded from free from <https://www.videolan.org/>

2. view video with VLC

To view the video using VLC, free to download from <https://www.videolan.org/>

Once installed, to view a URL, from the top menu

1. Select Media
2. From the drop-down menu select "Open Network Stream" – see Figure 1
3. A pop-up window appears and then add the RTSP URL, shown in Figure 2, in this case:

rtsp://192.168.0.142:554/Streaming/Channels/101?transportmode=unicast&profile=Profile_1

Figure 1 : VLC – open Network Stream

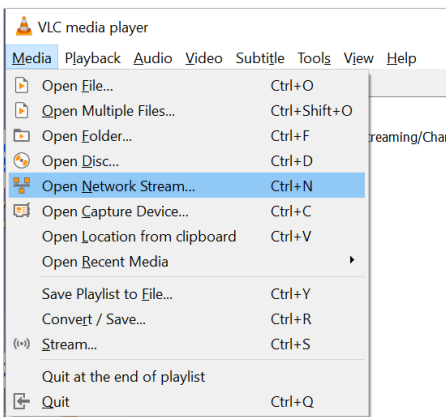
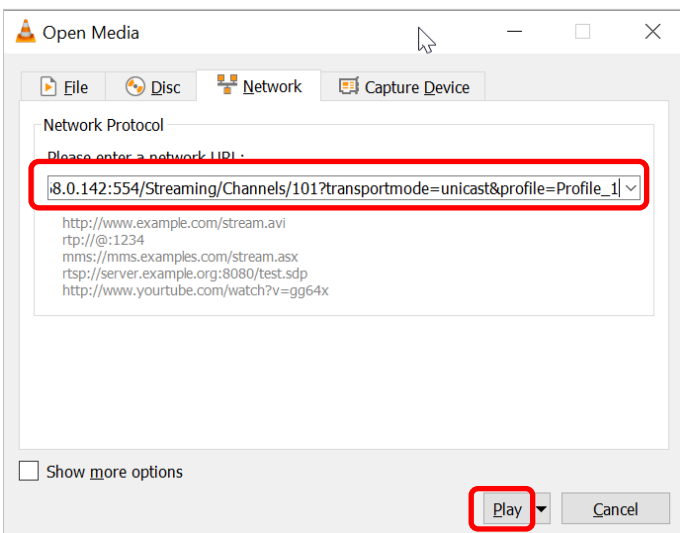


Figure 2 : VLC – add URL

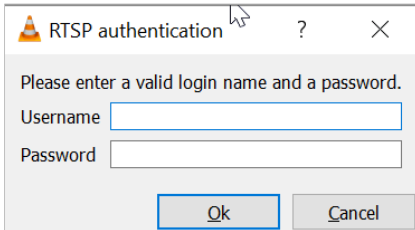


4. Click play – see Figure 2

5. A pop-up windows will appear, as shown in Figure 3, asking for the username and password, this required as the username and password was not included in the URL. The following URL has the username and password included, i.e.

rtsp://**admin:a1b2c3d4**@192.168.0.142:554/Streaming/Channels/101?transportmode=unicast&profile=Profile_1

Figure 3 : VLC – add username and password



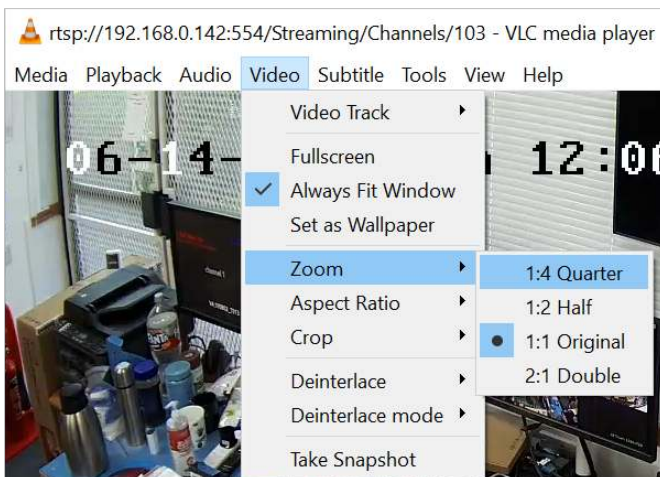
6. The video will be displayed

If the video image to too large you can zoom it down, from the top menu select video

1. Zoom
2. Sub menu 1:4 Quarter – as shown in Figure 4

This is sometime useful as the decode / display of the video may slow the PC down, especially if using remote access.

Figure 4 : VLC – zoom video

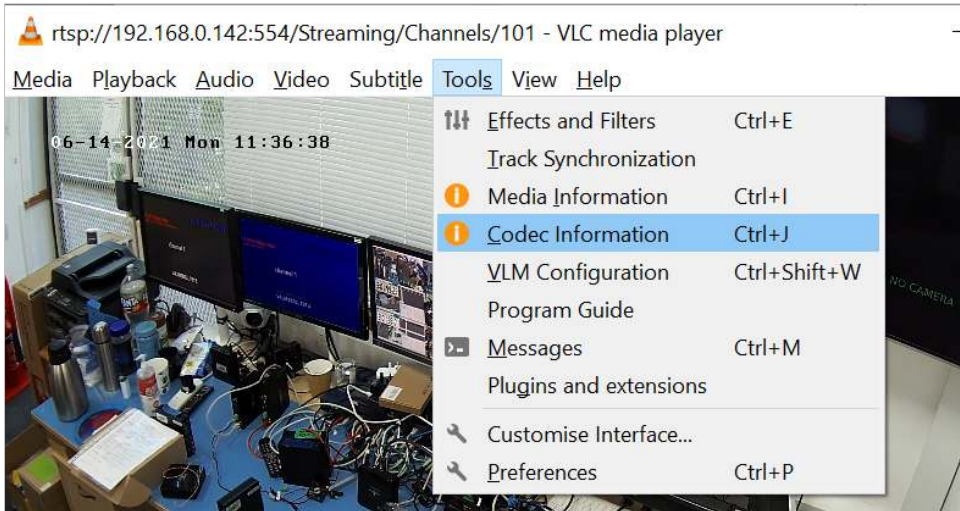


3. VLC - other information

Once you have a video stream playing, go to the top menu

1. Select tools
2. From the drop-down menu select "Coded Information" – see Figure 5

Figure 5 : VLC – Select Codec Information



3. A pop-up windows appears – see Figure 6 and Figure 7.

From the "Current Media information" Pop-up there are 2 useful tabs, the Codec and Statistics.

From the Codec tab, as shown in Figure 6 you can find:

1. the codec type,
2. video resolution
3. video frame rate.

From the Statistics tab, as shown in Figure 7 you can

4. display the number of lost packets. This is usually a small number due to the initial stream connection, but if this number keep increasing then there is network error
5. content bitrate.

Figure 6 : VLC – Current Media information - Codec

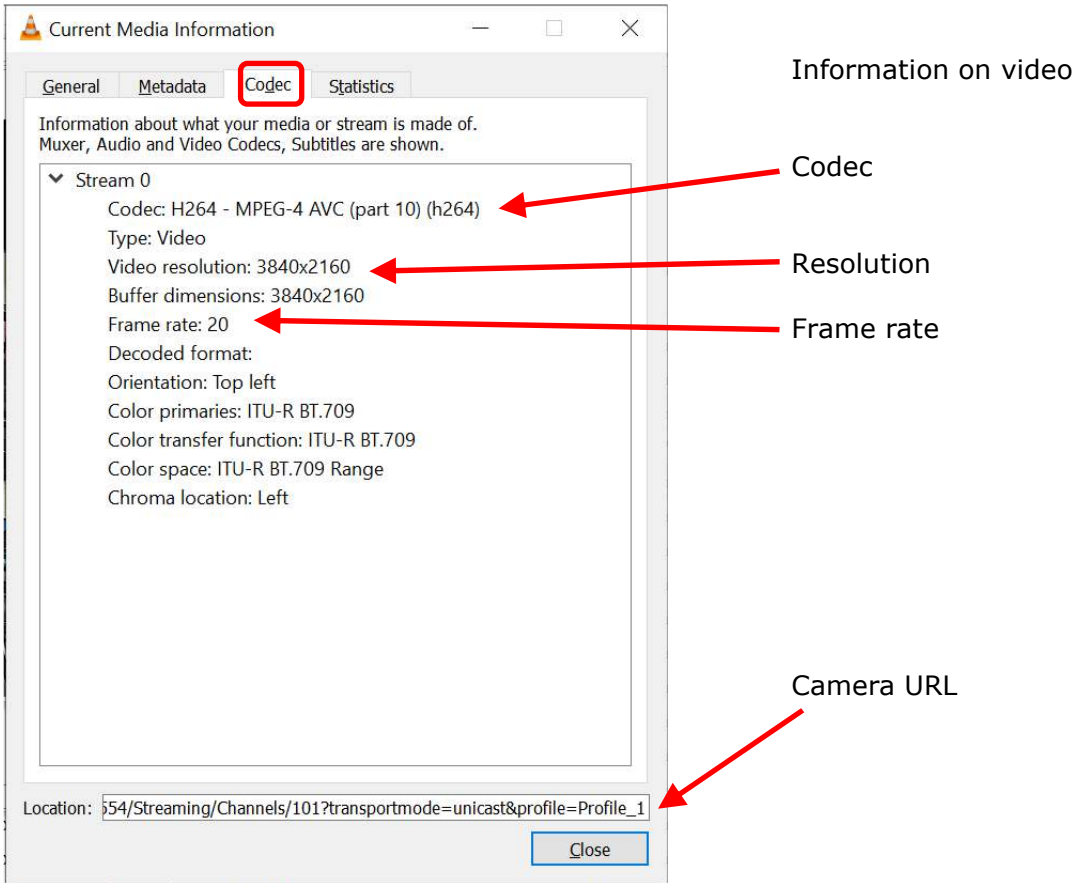


Figure 7 : VLC – Current Media information - Statistics

