

# V1018 Recording H.264 w/ Audio

## Applies to:

All IQeye Cameras with H.264 support

*Note: This information is provided for convenience only. IQinVision will not provide support for the installation or use of VLC software.*

*Note: The IP address used in the document is provided for example purposes only. You will need to use an IP address that is appropriate for your network.*

## Summary:

This TechTip will assist you in recording H.264 streams to your PC, independent of NVR software.

## Contents:

- Installing VLC Player
- Preparing the camera to serve an H.264 stream with audio support.
- Configure VLC Player to record an H.264 stream from the camera
- Record and Playback H.264 with audio

### Installing VLC Player

- Install VLC Player (version 1.0.1) from <https://videolan.org/vlc/>
- You can use all the default installation parameters if you would like.

### Preparing the camera to serve an H.264 stream with audio

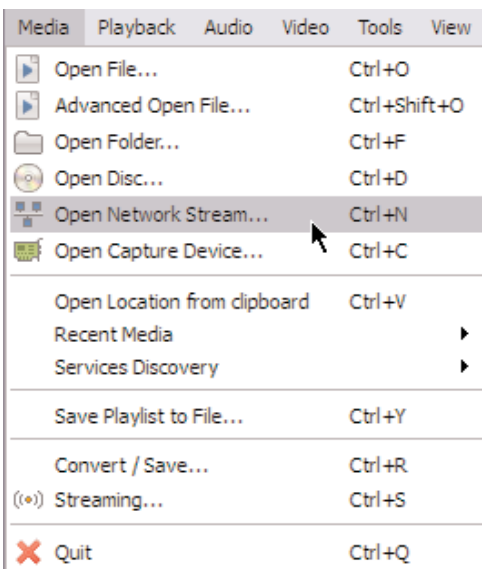
- Browse to the camera with Internet Explorer
  - To do this simply launch IQFinder and select Web page on the camera with H.264 capability
- Click on 'Setup'
- Click on 'H.264' and ensure audio in enabled



- You may leave the rest of the H.264 settings at their defaults.

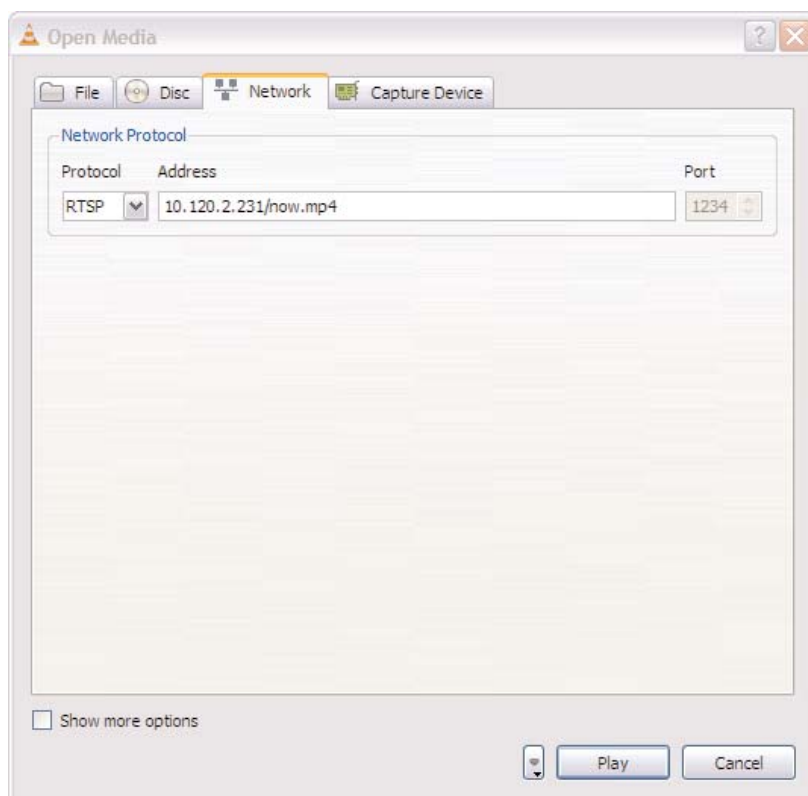
### Configuring VLC Player to record an H.264 stream with Audio

- Launch VLC Player
- Click on Media → Open Network Stream...

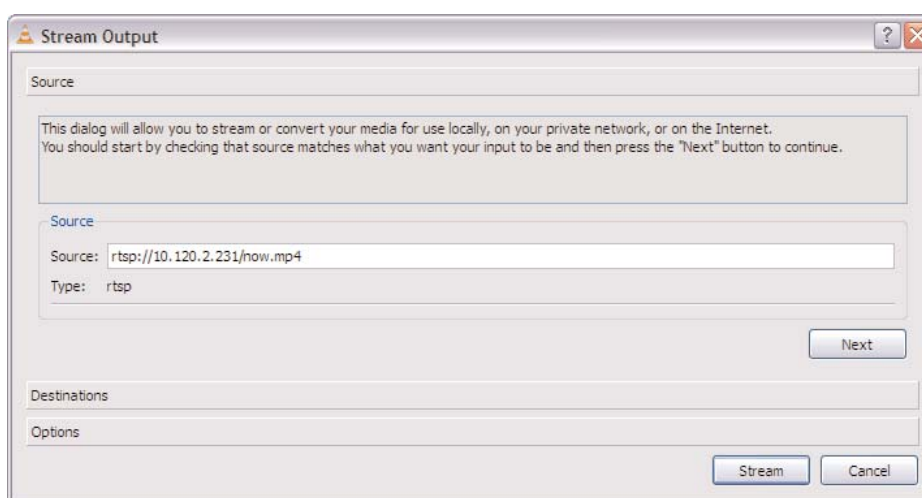


- On the 'Network' tab, choose RTSP under the 'Protocol' menu.
- Input the IP address of your H.264 capable camera under the 'Address' field.

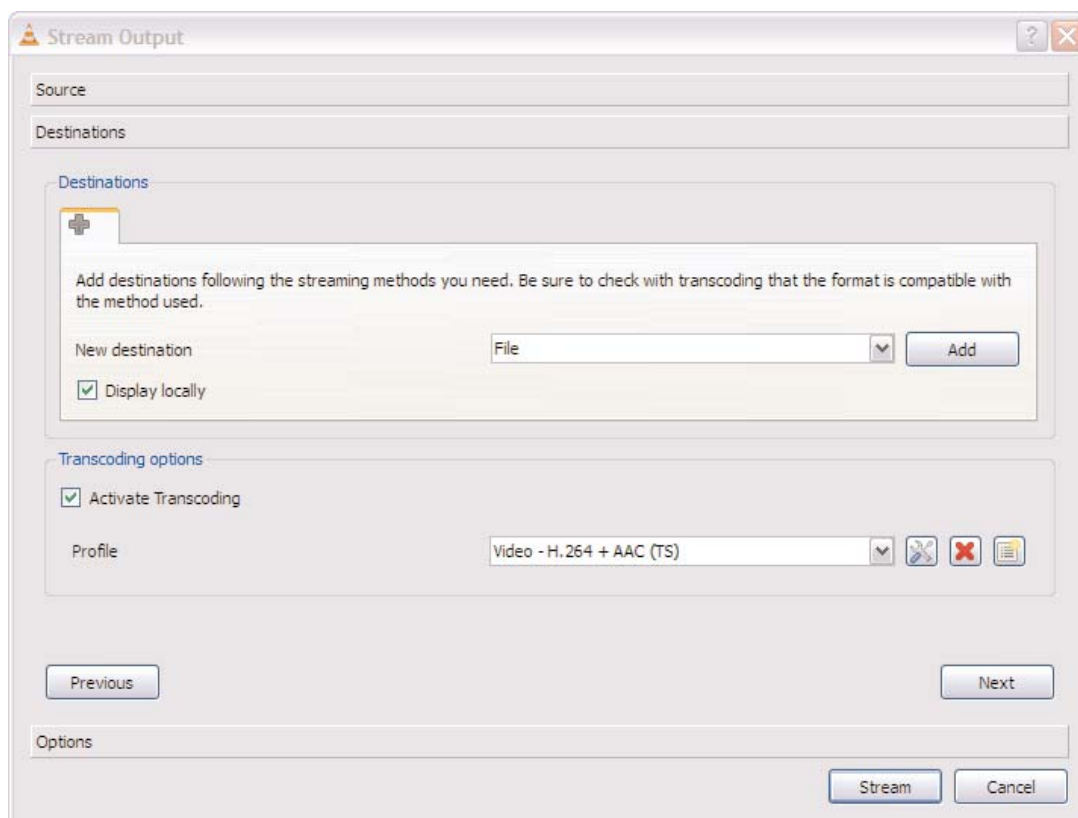
Be sure to put the following URI modifier at the end of the IP address string `<camIP>/now.mp4`



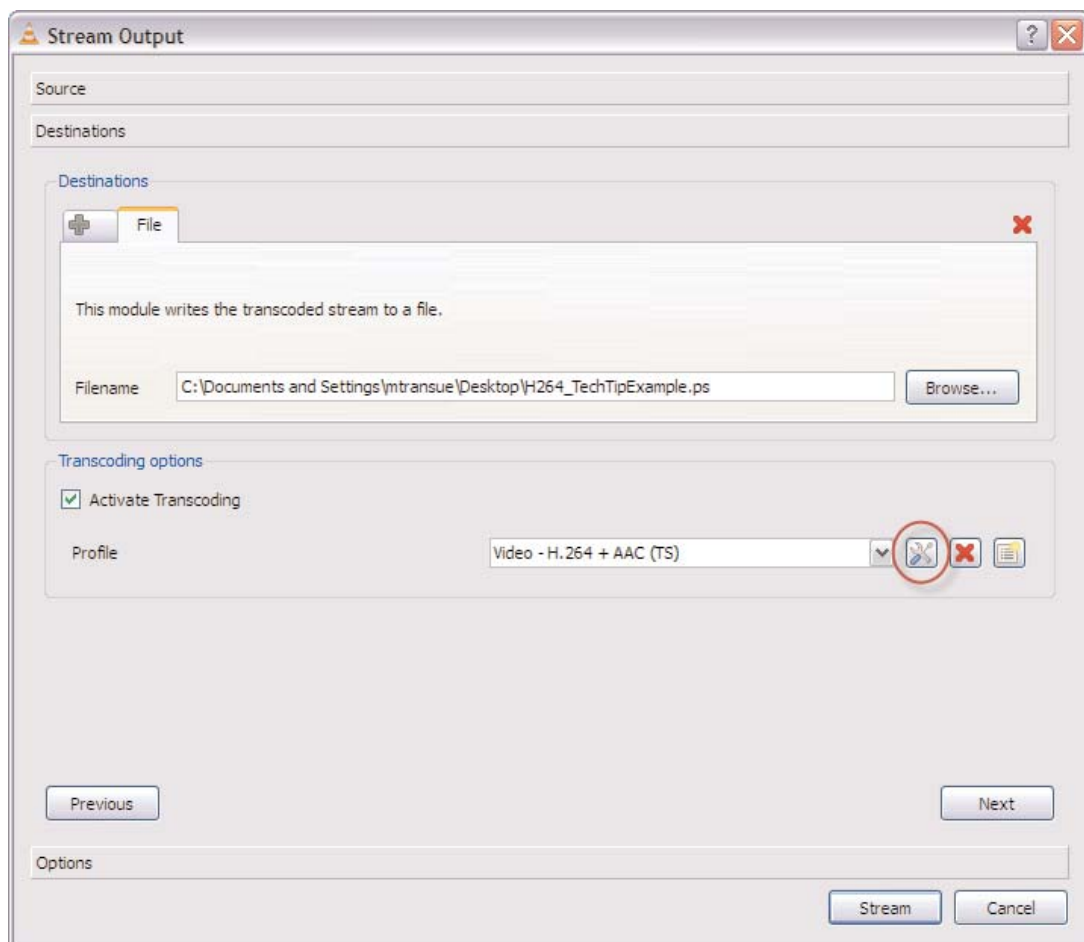
- Click the down arrow next to the 'Play' button on the bottom right corner to expand another menu.
- From this menu choose 'Stream'
- A new dialog box will open.
- Under 'Source' please ensure the source is: `rtsp://<camIP>/now.mp4`



- Click 'Next'
- In order to see and hear the live video/audio, you must check 'Play Locally'
- To record to a file, you must choose 'File' from the destination drop down menu
  - You must also click 'Add' and select a destination where the file will be saved



- At the resulting screen, choose 'browse', give the file a name and define where it will be saved
  - Note: you MUST give the video file a name...no name is given to it by default
  - You can leave the 'Save type as' at it's default (it will default to .ps extension)
- Under the 'Transcoding Options' menu, ensure Activate Transcoding is checked and 'Video – H.264 + AAC (TS)' is selected.
- Click the 'edit selected profile' button



- Choose the 'Video codec' tab and ensure the Bitrate and frame rate values match what is set on the cameras H.264 tab.

Form

Profile Name: Video - H.264 + AAC (TS)

Encapsulation: Video codec

Video

Keep original video track

Codec: H-264

Bitrate: 4000 kb/s

Frame Rate: 30.00 fps

Resolution

You just need to fill one of the three following parameters, VLC will autodetect the other using the original aspect ratio

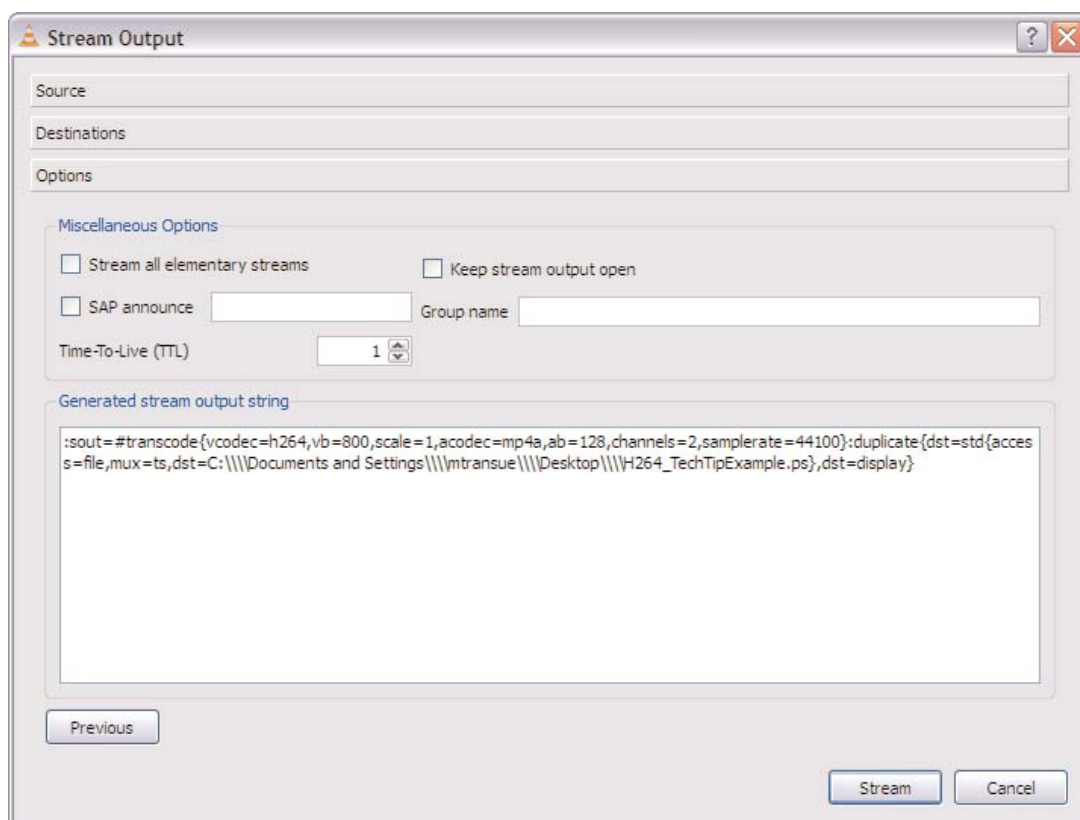
Scale: 1

Width: 0

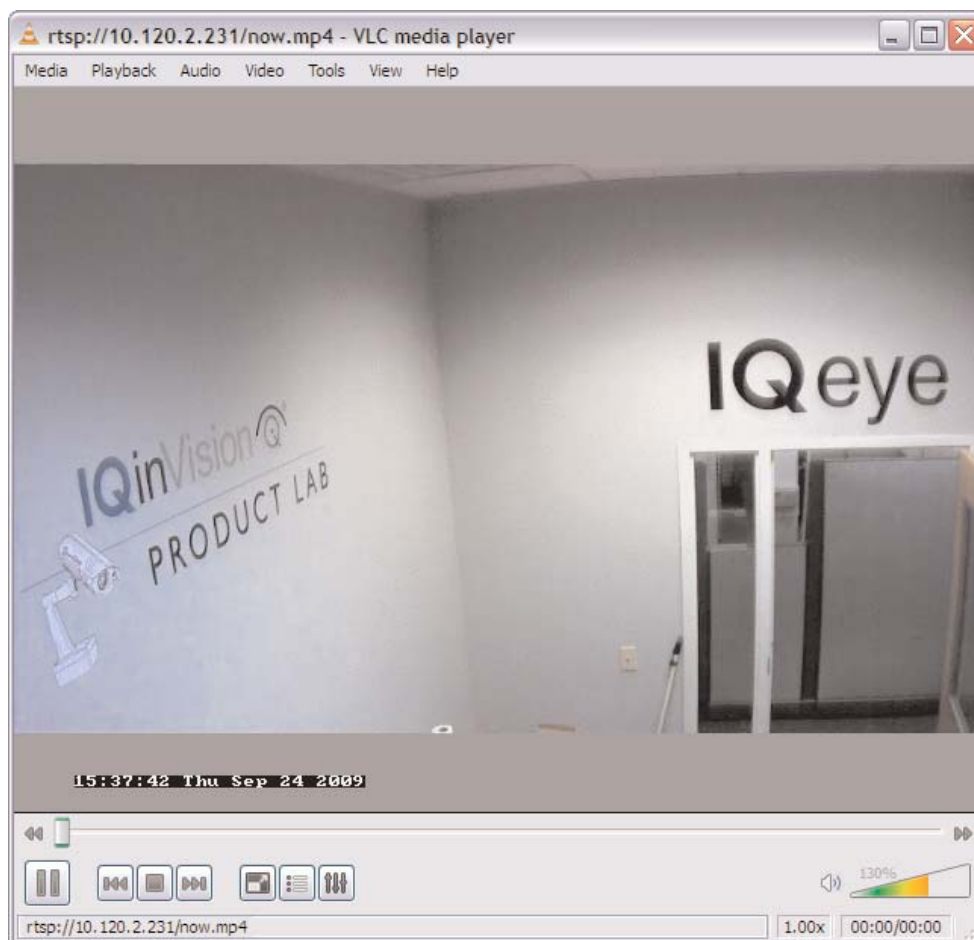
Height: 0

Save Cancel

- Click 'Save' then click 'Next'
- Under the 'Miscellaneous Options' menu, you may leave these values at their defaults



- When all of this is setup, click the 'Stream' button to begin viewing and recording the video and audio stream.
- A video player should automatically open for you with the live audio/video stream



- You must click the 'stop' button on this window to stop the stream. This will create the playback file in the location you have specified.