Obtaining RTSP stream

The RTSP stream provides real-time streaming for all time-critical data. The RTSP streamer handles streaming for video, audio and metadata streams. You can configure and get the RTSP stream by using the *Webpage* or *StartStreaming.exe*, which is provided with for the demonstration application. As the StartStreaming.exe is implemented using HTTP CGI commands of NVC/IPE, you can refer to the section *3.10.RTSP* of NVC HTTP API Manual.pdf to see all available CGI commands for your own application.

IMPORTANT : Since the Webpage and StartStreaming.exe are aimed at only demo application, not all of CGI commands are implemented. Refer to the corresponding part of NVC HTTP API Manual.pdf to see the full specification.

(1) Using Webpage

Access the webpage by Internet Explorer and go to [SETUP] [System Options] [RTSP/RTP].
Guide for setting RTSP : Chapter 4.5.7. *RTSP/RTP* of NVC Webpage User s Manual.pdf**.**

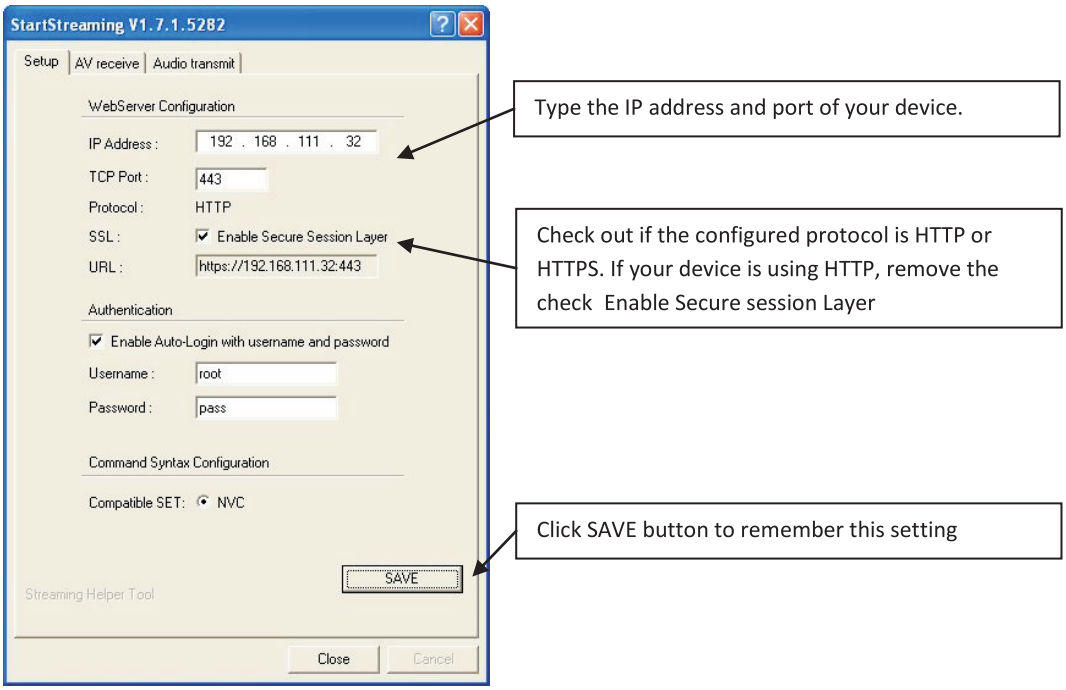
(2) Using StartStreaming.exe tool

Utilities : \BIN\TOOLS\StartStreaming
Source codes: \SRC\netclient\starttools\StartStreaming.exe
Refer to the tool guide in next page.

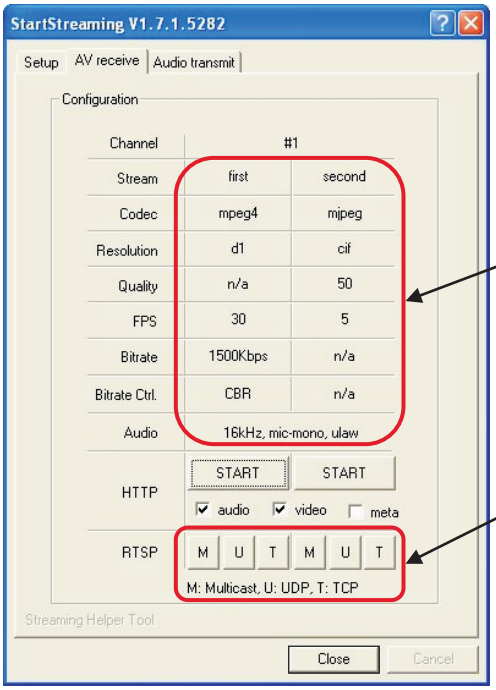
(3) Using VLC Player (request by direct URL)

Download the latest VLC player from www.videolan.org/vlc and refer to the guide in next page.

How to use StartStreaming.exe for RTSP stream



Now, go to AV receive tab and set as below. If you see any error message when you try to move to AV receive tab, check out if the TCP port number or SSL checking is equal to the webpage setting.
How to check : Access the webpage and go to Setup Basic configuration Web Server.



1. Check out if they are retrieved automatically according to the configuration of the server.

2. Click the protocol type you want to test.

NOTE : If the buttons (M,U, and T) do not show any image, check out if the selected protocol is enabled in the configuration of RTSP setting (4.5.7. *RTSP/RTP* of ***NVC Webpage User s Manual.pdf).***



3. You may see the image like this if you click the one of the buttons among M, U, or T.

How to use VLC player for RTSP stream

Request format:
rtsp:// IP address/channel number_streaming type_stream number

e.g.
Getting the fist stream of first channel with unicast
rtsp://192.168.111.32:554/ch0_unicast_firststream

How to :

