RTSP and HTTP URLs

RTSP without Authentication (NVR/DVR/IPC/Encoder)

rtsp://<IP address of device>:<RTSP port>/Streaming/channels/<channel number><stream number>
NOTE: <stream number> represents main stream (01), or the sub stream (02)

Example:
rtsp://173.200.91.70:10554/Streaming/channels/101 – get the main stream of the 1st channel
rtsp://173.200.91.70:10554/Streaming/channels/102 – get the sub stream of the 1st channel

RTSP with Authentication

rtsp://<username>:<password>@<IP address of device>:<RTSP port>/Streaming/channels/<channel number><stream number>

Example:
rtsp://Hikvision:guest@173.200.91.70:10554/Streaming/channels/1701 – get the main stream of the 17th channel
(1st IP camera on the Hybrid Demo)
rtsp://Hikvision:guest@173.200.91.70:10554/Streaming/channels/1902 – get the sub stream of the 19th channel
(3rd IP camera on the Hybrid Demo)

HTTP commands to get IPC MJPEG stream
1. Camera firmware need to be v4.1 or higher
2. Can only stream the Sub stream via HTTP
3. Need to change the Sub stream video encoding to MJPEG
4. Resolution can be changed via web interface

NOTE: If the HTTP port of the device is still 80 (default), then ":<HTTP port>" is not required.

HTTP without Authentication

http://<IP address of IPC>:<HTTP port>/Streaming/channels/102/httpPreview

HTTP with Authentication

http://<username>:<password>@<IP address of IPC>:<HTTP port>/Streaming/channels/102/httpPreview

Snapshot using HTTP URL

http://<IP address of IPC>:<HTTP port>/Streaming/channels/1/picture

Example:
http://192.0.0.64/Streaming/channels/102/httpPreview
http://admin:12345@192.0.0.64/Streaming/channels/102/httpPreview
http://192.0.0.64/Streaming/channels/1/picture