



HIKVISION Camera URL User Guide



1. RTSP URL for Getting Stream.

URL

rtsp://IP:RTSPPort/Streaming/Channels/ID/?transportmode=unicast

Explanation

ID means main stream or sub stream and channel number. If the ID is 102, we will get **sub stream** of the 1st channel. If the ID is 101, we will get main stream.

RTSP URL supports to add username and password:

rtsp://admin:12345@IP:Port/Streaming/Channels/ID/?transportmode=multicast.

The type of authorization supports BASIC and DIGEST.

You can disable RTSP authentication from web interface of IP camera

Current latest version, IPC: V5.1.0; 1# generation megapixel speed dome(DS-DF1-XXX):V4.1.6, 1# generation standard resolution speed dome(DS-DF1-XXX):V3.1.6; 2# generation speed dome(DS-DFXXX): V5.1.0 are all support.

Examples

- Get sub stream from IP camera
rtsp://172.28.1.52:554/Streaming/Channels/102/?transportmode=unicast
- Get 1st IP camera from a hybrid DVR
rtsp://172.28.1.70:554/Streaming/Channels/1701/?transportmode=unicast
- Get channel 0 from DVR
rtsp://admin:12345@172.28.1.70/Streaming/channels/001/?transportmode=unicast

2. HTTP Streaming PUSH URL

URL

<http://ip/Streaming/channels/ID/httppreview>

Explanation

IP means the IP address of IPC, ID means main stream or sub stream. 2 represents sub stream, 1 represents main stream, HTTP streaming push URL only can **get MJPEG sub stream**, so the value of ID is 2 or 102. **You need to setup sub stream to MJPEG first.** After connection is established, the browser will pop-out an interface for login, the username and password the same as you login the device.

If you want to input username and password in the URL directly, the command as below can be used:

<http://username:passord@ip/Streaming/channels/ID/httppreview>

After the camera accepts this command, the browser will pop-out an interface for confirming, but don't need input username and password anymore.

Browser Firefox support, we have tested Safari V5.1.7, Chrome V10.0.648.45 support. Current latest version, IPC: V5.1.0; 1# generation megapixel speed dome(DS-DF1-XXX):V4.1.6, 1# generation standard resolution speed dome(DS-DF1-XXX):V3.1.6; 2# generation speed dome(DS-DFXXX): V5.1.0 are all support.