



TECHNICAL GUIDE

How to get RTSP streams from Vista and Optio cameras

INTRODUCTION

This document details the URLs needed to get RTSP Video Streams from VISTA VK2 and OPTIO IP Cameras.

VISTA VK2 Camera Range

It is possible to Pull a JPEG snapshot image as well as an RTSP video stream from a camera;

- Snapshot URL
 - `http://username:password@<IPAddress>/snapshot/ch/snapshot.jpg`

(NOTE: ch = channelstream number e.g. 1, 2 or 3 and the JPEG resolution will follow that of the RTSP setting for the stream)

Examples;

- `http://admin:admin@192.168.30.220/snapshot/1/snapshot.jpg`
- `http://admin:admin@192.168.30.220/snapshot/2/snapshot.jpg`
- `http://admin:admin@192.168.30.220/snapshot/3/snapshot.jpg`

- RTSP Streams
 - `rtsp://username:password@<IPAddress>:554/1/streamS`

(NOTE: S = stream number e.g. 1, 2, 3 or 4 and the resolution and H264/265 compression will follow that of the setting in the cameras Stream configuration)

Examples;

- `rtsp://admin:admin@192.168.30.220:554/1/stream1` (H.264\H.265)
- `rtsp://admin:admin@192.168.30.220:554/1/stream2` (MJPEG)
- `rtsp://admin:admin@192.168.30.220:554/1/stream3` (H.264\H.265)
- `rtsp://admin:admin@192.168.30.220:554/1/stream4` (H.264\H.265) [Stream 4 only available on 2MPX & 4MPX]

(NOTE: H.265 & Stream 4 support dependent on camera please check camera specification)

OPTIO IP Camera Range

It is possible to Pull RTSP streams via the following URLs

- RTSP Streams
 - `rtsp://<IPAddress>:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif` [Main Stream]
 - `rtsp://<IPAddress>:554/cam/realmonitor?channel=1&subtype=1&unicast=true&proto=Onvif` [Sub Stream]
- Example;
 - `rtsp://username:password@192.168.30.220:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif`
 - `rtsp://username:password@192.168.30.220:554/cam/realmonitor?channel=1&subtype=1&unicast=true&proto=Onvif`

This completes the guide.