



How to Get the URLs for Uniview IPC and NVR?



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Product:	NVR	Date	9/26/2023

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Description

Customers may need the Streaming Snapshot URL to capture the live stream, playback or snapshot of Uniview products. Below are URLs available.

Note: This method is applicable to most of the scenarios. If the method cannot solve your problem, it is recommended to consult our Tech Support Team.

https://global.uniview.com/Support/Service_Hotline/

URLs for NVR

NVR's Live View

rtsp:// XX.XX.XX.XX:554/unicast/c10/s0/live

XX.XX.XX.XX is the address of NVR.

C1 is the first channel, C10 is the 10th channel of NVR, and so on.

S0 is the main stream, S1 is the sub stream, and so on.

NVR's Playback

rtsp://[ip]:[port]/[channel]/[begin]/[end]/replay/

e.g.: rtsp:// 187.72.216.229:554 /c2/b1544574378/e1544578706/replay/

C1 is the first channel, C10 is the 10th channel of NVR, and so on.

Note: Both begin time and end time are Unix time. You need to convert the recorded video time to Unix timestamp. Please google for the converter.

A unix timestamp is the number of seconds since January 1, 1970 (midnight UTC/GMT)

For example, at 10:13:30 on August 5, 2019, the Unix time is 1564971210

NVR's Snapshot

http:// XX.XX.XX.XX /LAPI/V1.0/Channels/ID/Media/Video/Streams/ID/Snapshot

e.g.: http://172.1.90.251/LAPI/V1.0/Channels/12/Media/Video/Streams/0/Snapshot

Note: The snapshot function needs to be enabled on the IPC side, and needs to be achieved with UNV NVR&IPC.



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URLs for IPC

Common Camera's Live View

Main stream rtsp://Camera IP address:554/media/video1

Sub stream rtsp://camera IP address:554/media/video2

Third stream rtsp://camera IP address:554/media/video3

Note: 554 is not necessary.

If the RTSP authentication is enabled on camera then please use the following URL:

rtsp://username:password@IP:RTSP port/media/videoX

Fisheye Camera's Live View

Fisheye:

Main stream rtsp://IP address/media/video1

Sub stream rtsp://IP address/media/video2

Third stream rtsp://IP address/media/video3

4PTZ:

rtsp://camera IP address/media/video4

rtsp://camera IP address/media/video5

rtsp://camera IP address/media/video6

rtsp://camera IP address/media/video7

Panorama:

rtsp://IP address/media/video8

Dual-lens Camera's Live View

First lens:

rtsp://camera IP address/media/video1

rtsp://camera IP address/media/video2

rtsp://camera IP address/media/video3



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Second lens:

rtsp://camera IP address/media2/video1

rtsp://camera IP address/media2/video2

rtsp://camera IP address/media2/video3

Camera's Live View that Support MJPEG

http://IP/video/mjpeg/stream1(main stream, need to set the video compression to mjpeg)

http://IP/video/mjpeg/stream2(sub stream, need to set the video compression to mjpeg)

http://IP/video/mjpeg/stream3(third stream, need to set the video compression to mjpeg)

MJPEG Snapshot URL: http://camera IP/images/snapshot.jpg

Common Camera's Snapshot

http://IP/images/snapshot.jpg

Dual-lens Camera's Snapshot

http://IP/images/snapshot.jpg/Channels/1/

http://IP/images/snapshot.jpg/Channels/2/