



How to Get a Uniview Camera's Multicast Stream?

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Product:	IPC	Date	9/26/2023

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Description

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

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

Preparation

Download and install [VLC Media Player](#) on your computer.

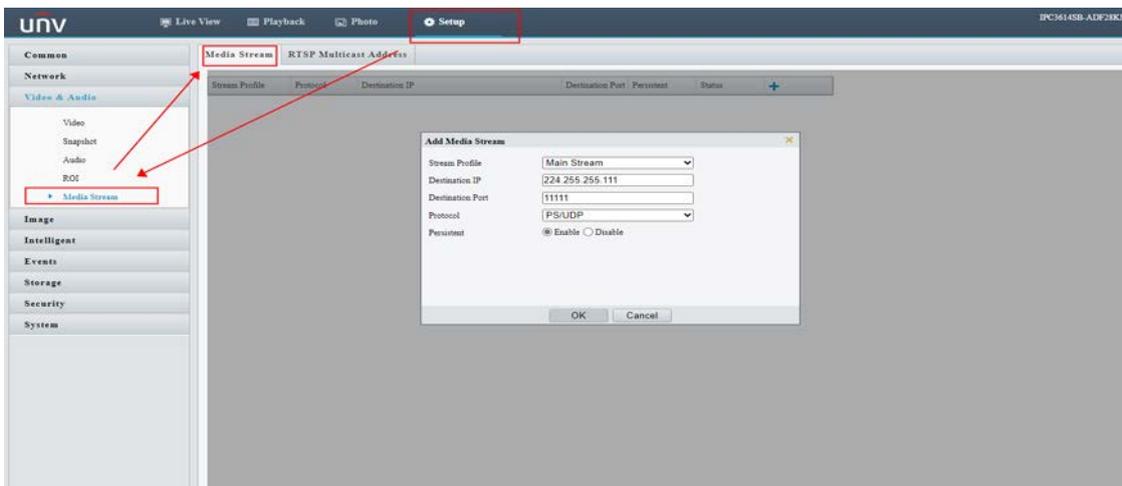
Operating Steps

Step 1 Set up a multicast address on the camera (showing as below).

Main, sub and third stream **CANNOT** use the same multicast address.



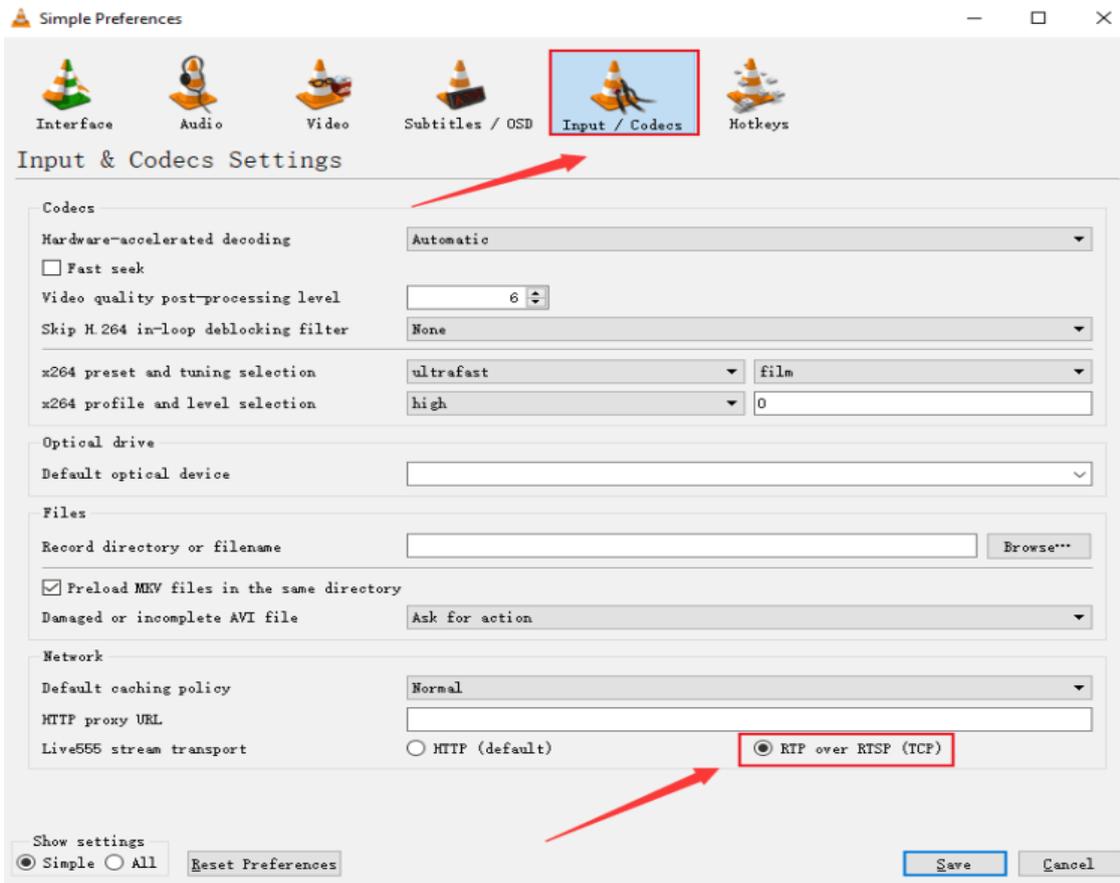
And create multicast streams for main, sub and third stream in the media stream setting.



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Step 2 Set up streaming mode on VLC.

Please go to **Tools>Preference>Input/Codecs>RTP over RTSP (TCP)**



Step 3 Enter the multicast URL on VLC.

Main stream `rtsp://camera IP/media/video1/multicast`

Sub stream `rtsp://camera IP/media/video2/multicast`

Third stream `rtsp://camera IP/media/video3/multicast`

Eg. `rtsp://172.1.90.5/media/video1/multicast`, '172.1.90.5' is the local IP of your camera





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Note: Set the multicast IP correctly, Multicast address is a *class D address* ranging from *224.0.0.0* to *239.255.255.255*.

More Information you may also want to know

IP Classification

224.0.1.0--238.255.255.255 can be *used on the Internet*.

224.0.0.0-244.0.0.255: *only for use on LAN*.

224.0.0.1: *all-hosts group address*, which refers to *all the multicast-capable hosts and routers on a physical network*.

224.0.0.2: for *all routers on this subnet*.

224.0.0.5: for *all OSPF routers*.

224.0.0.13: for *all PIMv2 routers*.

239.0.0.0--239.255.255.255 are for *private use like 192.168.x.x*.