Merit LILIN Application Note -
How to setup the multicast and tested in VLC

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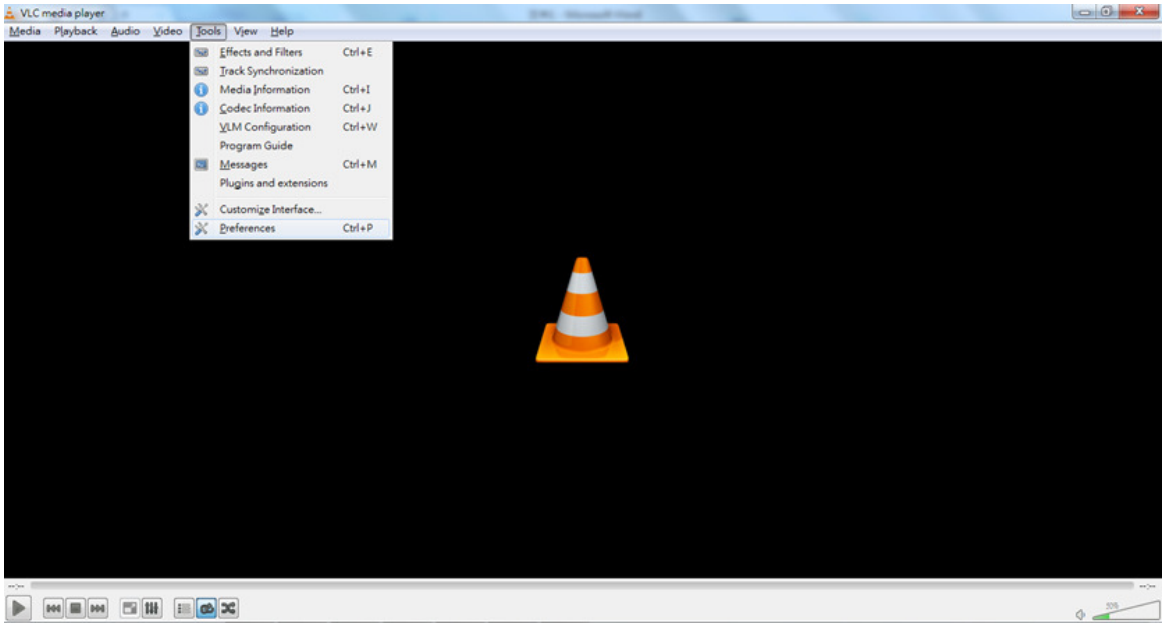
Subject: How to verify IP camera multicast via VLC player

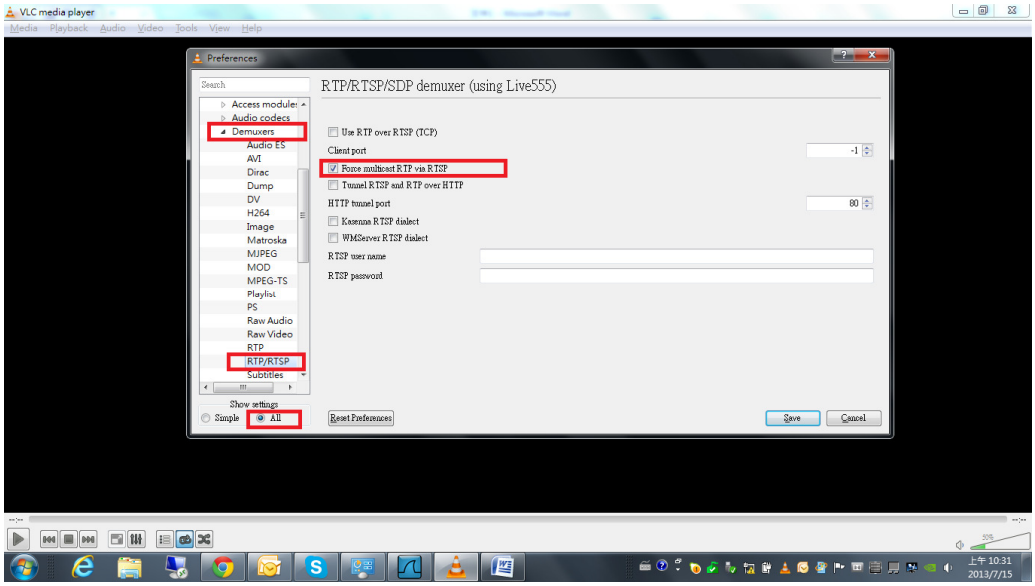
Step #1:
Start the VLC Player and modify the setting that can link the streaming from multicast.

1. Select “Tools” from the tool bar and select “Preferences”.



Step #2:

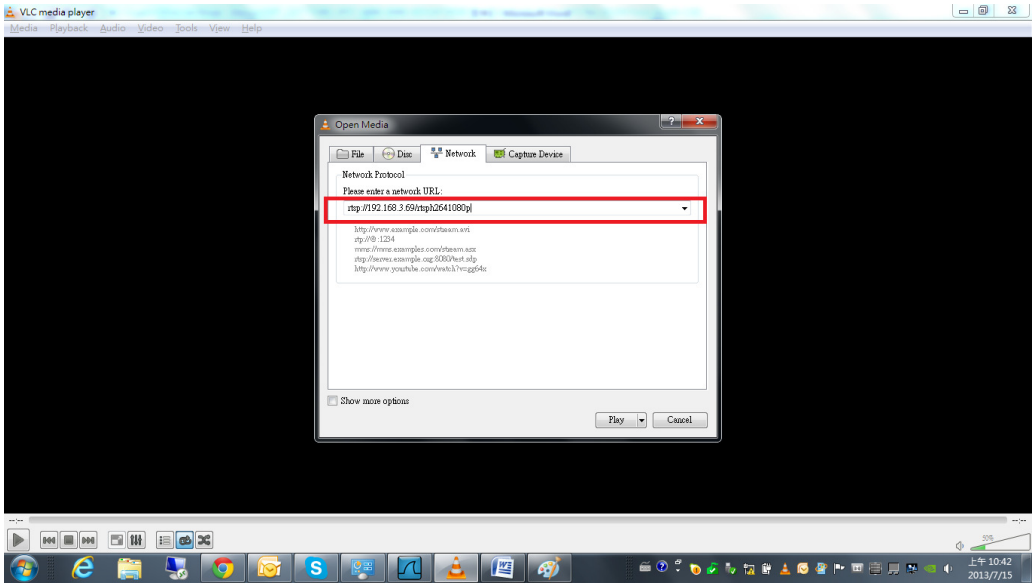
Click the “Demuxers” for more settings and click RTSP/RTP option and check the “Force the multicast RTP Via RTSP”.



Step #3:

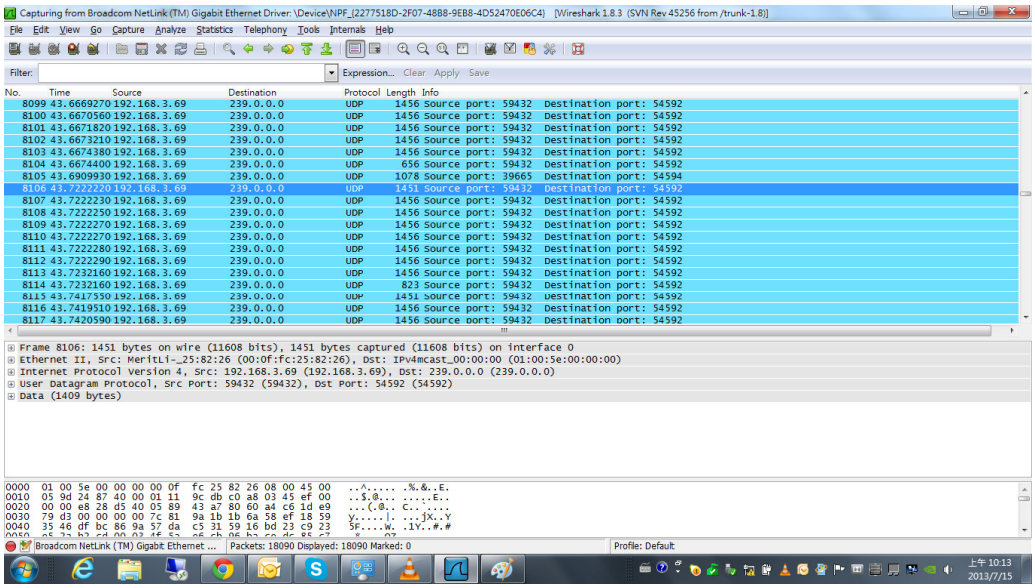
Start up the Wireshark to monitor and connect the video stream from camera Multicast.

1. Connect the camera without using port number of RTSP port. Select the media from the tool bar and select “Open Network Streaming”. With this option, we may type the url like ”rtsp://cameraIP/rtsph2641080p” to start connecting.



Step #4:

Now, we can see the stream which is connected and VLC has the video stream from camera.

Step #5:

Check the Wireshark monitoring and find out where the streaming came from. We can see all the stream coming from 239.0.0.0 and the address 239.0.0.0 is from the router and broadcast to each LAN connected device. When we start to have one multicast connected which means all the LAN devices will receive the broadcast video stream from the router.