

[Support Package]

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Product			
Purpose	How to test RTP protocol with ACTi devices?		
Support URL	http://www.acti.com/support		
Tech Support	Customer.service@acti.com		
MSN Messenger ID	Customer.service@acti.com		

How to test RTP protocol with ACTi devices?

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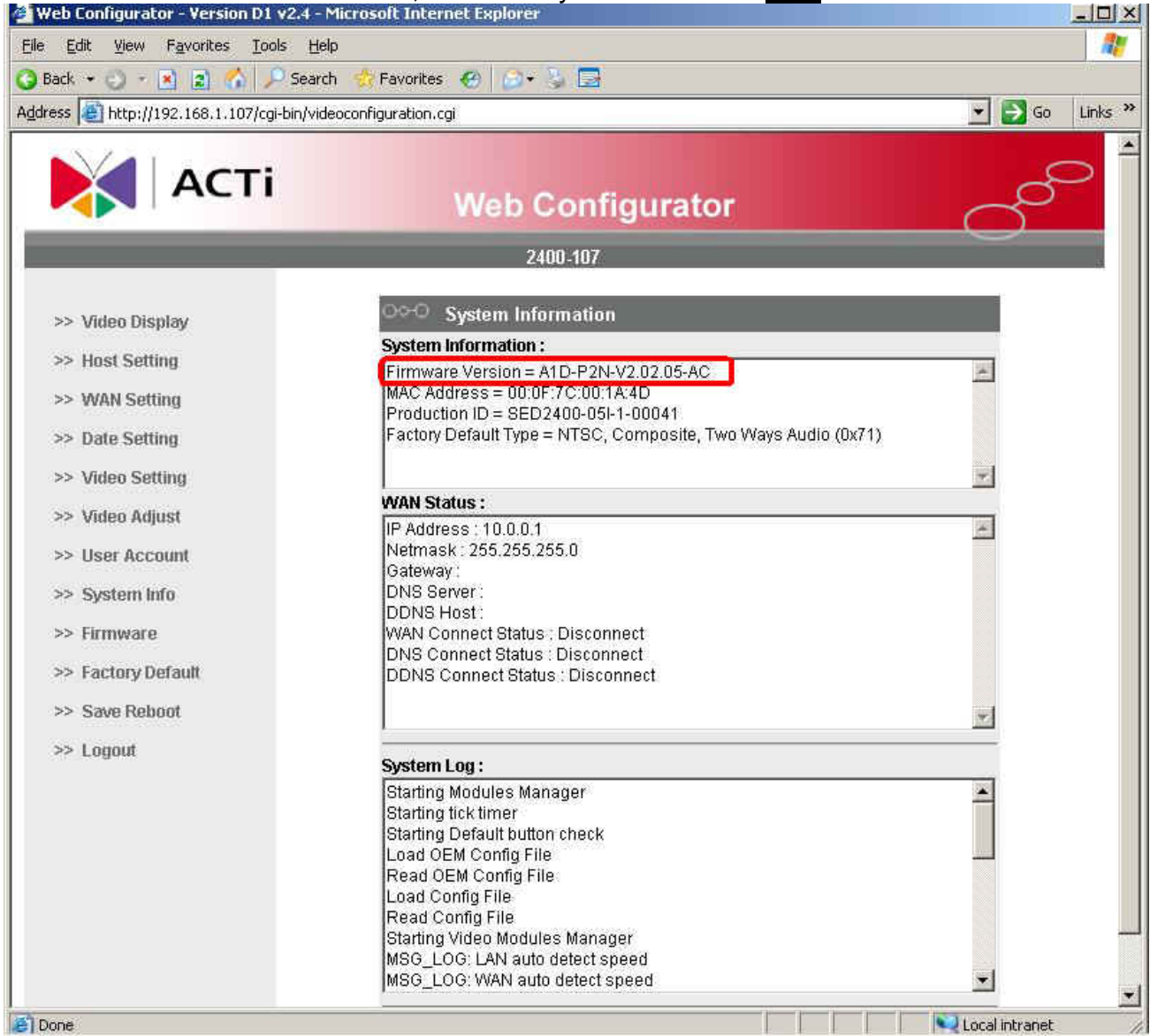
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Setup Firmware

Step 1: You need to have “TCP v2.0”-compliant devices

1. Check firmware version, and see if your firmware is **v2.0** series



The screenshot shows the ACTi Web Configurator interface in a Microsoft Internet Explorer browser window. The browser title is "Web Configurator - Version D1 v2.4 - Microsoft Internet Explorer". The address bar shows "http://192.168.1.107/cgi-bin/videoconfiguration.cgi". The page header features the ACTi logo and the text "Web Configurator" and "2400-107". A left-hand navigation menu includes options like "Video Display", "Host Setting", "WAN Setting", "Date Setting", "Video Setting", "Video Adjust", "User Account", "System Info", "Firmware", "Factory Default", "Save Reboot", and "Logout". The main content area is divided into three sections: "System Information", "WAN Status", and "System Log". The "System Information" section is highlighted with a red box around the "Firmware Version = A1D-P2N-V2.02.05-AC" line. Other details in this section include MAC Address = 00:0F:7C:00:1A:4D, Production ID = SED2400-051-1-00041, and Factory Default Type = NTSC, Composite, Two Ways Audio (0x71). The "WAN Status" section shows IP Address: 10.0.0.1, Netmask: 255.255.255.0, Gateway, DNS Server, DDNS Host, WAN Connect Status: Disconnect, DNS Connect Status: Disconnect, and DDNS Connect Status: Disconnect. The "System Log" section lists various startup and configuration events.

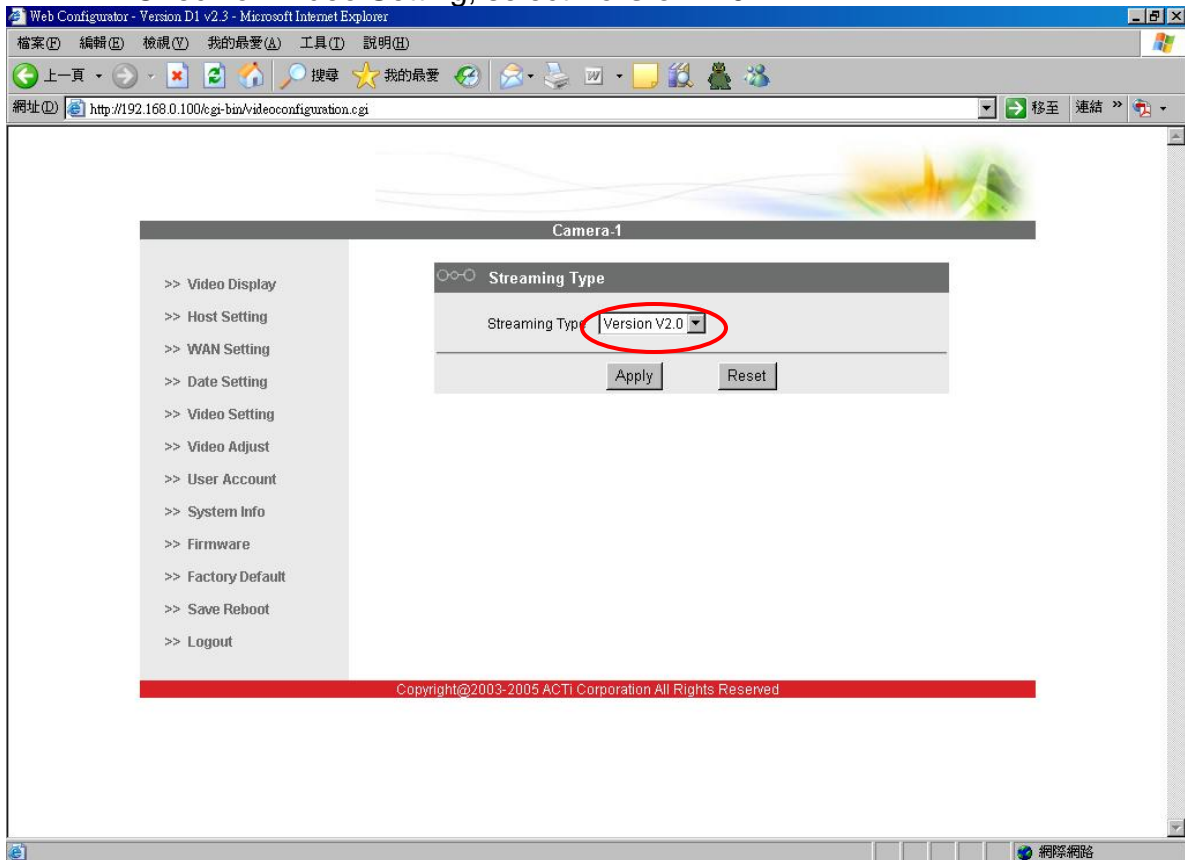


IMPORTANT: Note that after firmware v2.04, RTSP will need account/password authentication

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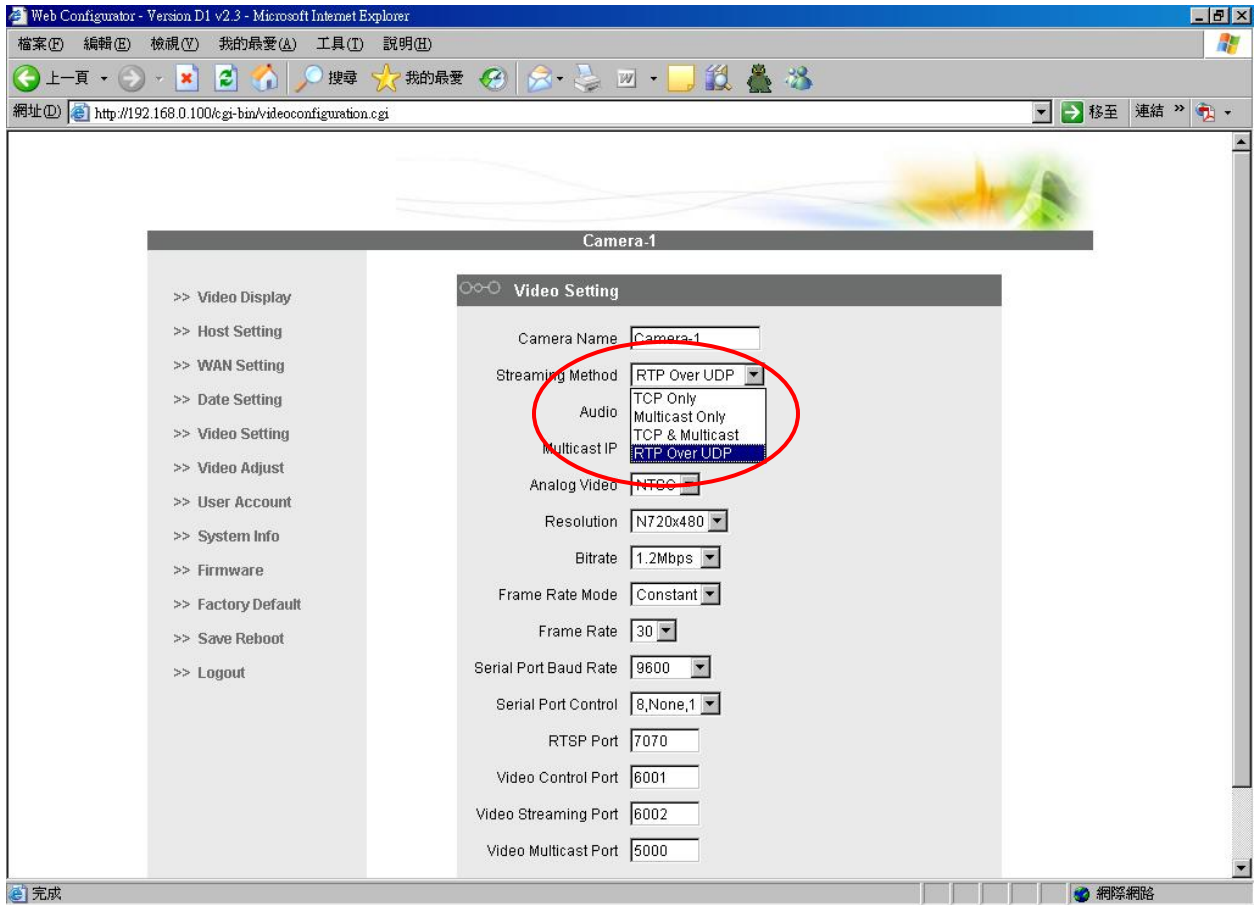
Step 2: Setup RTP Mode in firmware

1. Check on Video Setting, select Version 2.0



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2. Choose RTP over UDP



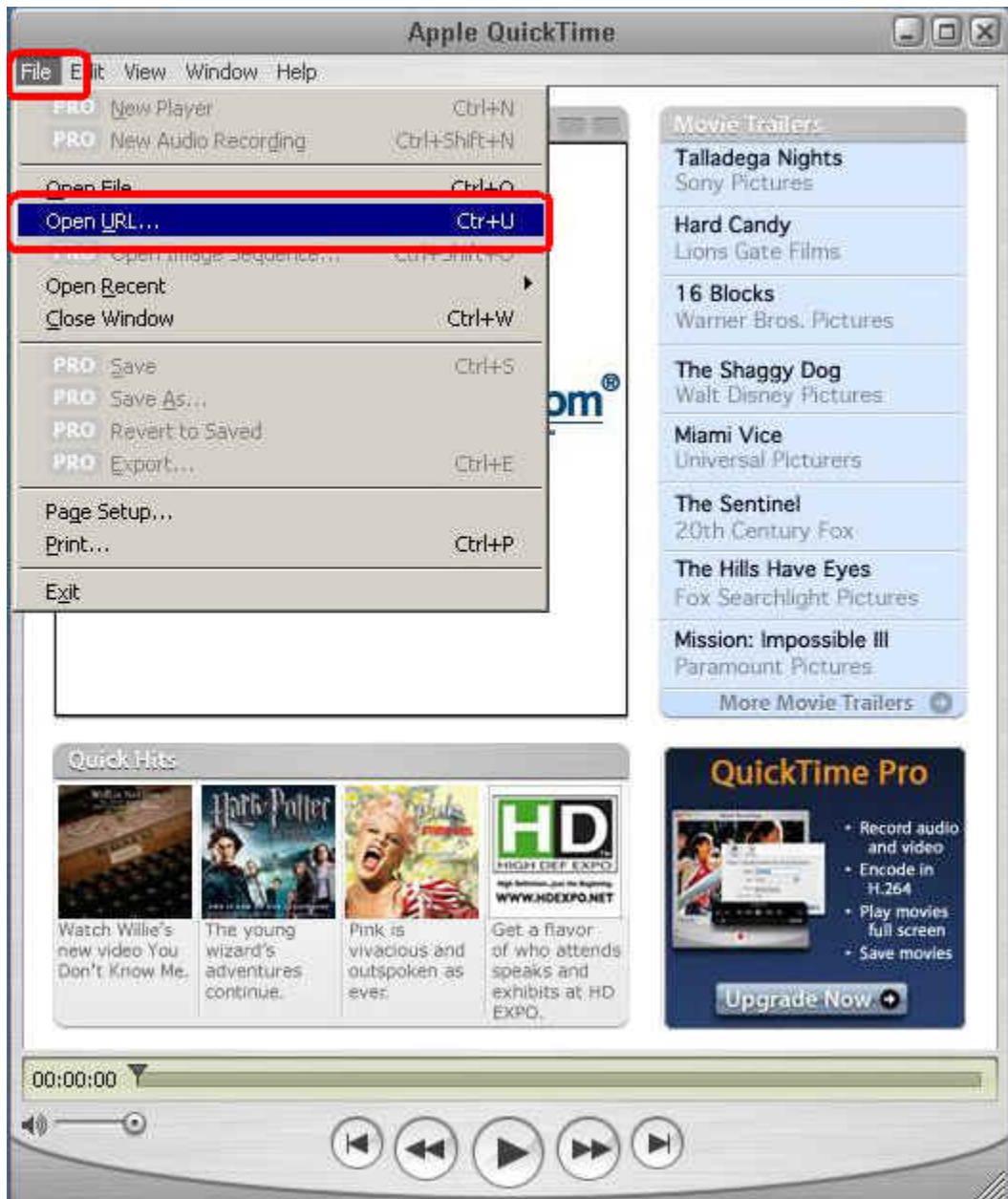
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Test with Apple QuickTime Player

Step 1: Download it from Apple web site

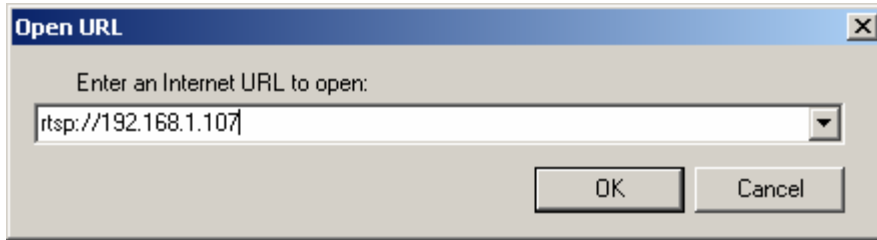
<http://www.apple.com/quicktime/download/win.html>

Step 2: Click on File -> Open URL



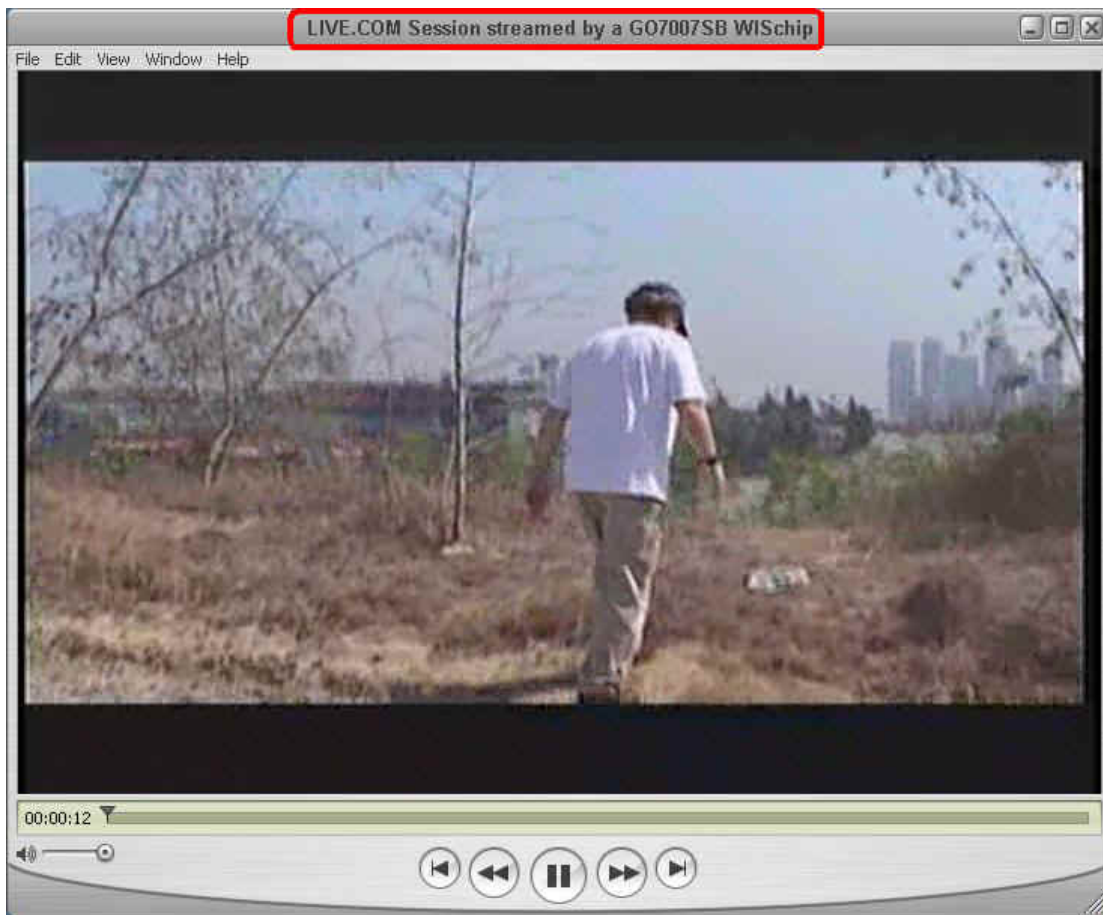
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Step 3: Enter URL with rtsp://<IP Address>



IMPORTANT: Note that after firmware v2.04, RTSP will need account/password authentication. Please enter following command instead:
rtsp: //Admin: 123456@192. 168. 1. 107

Step 4: Apple QuickTime Player plays video from ACTi device

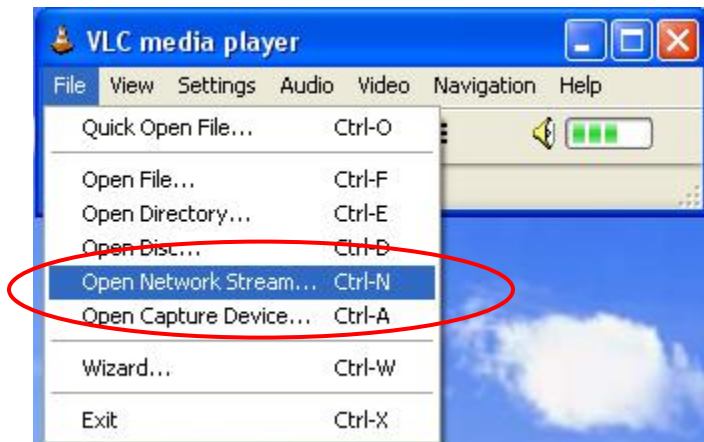


Test with VideoLan VLC Player

Step 1: Download it from VideoLan web site

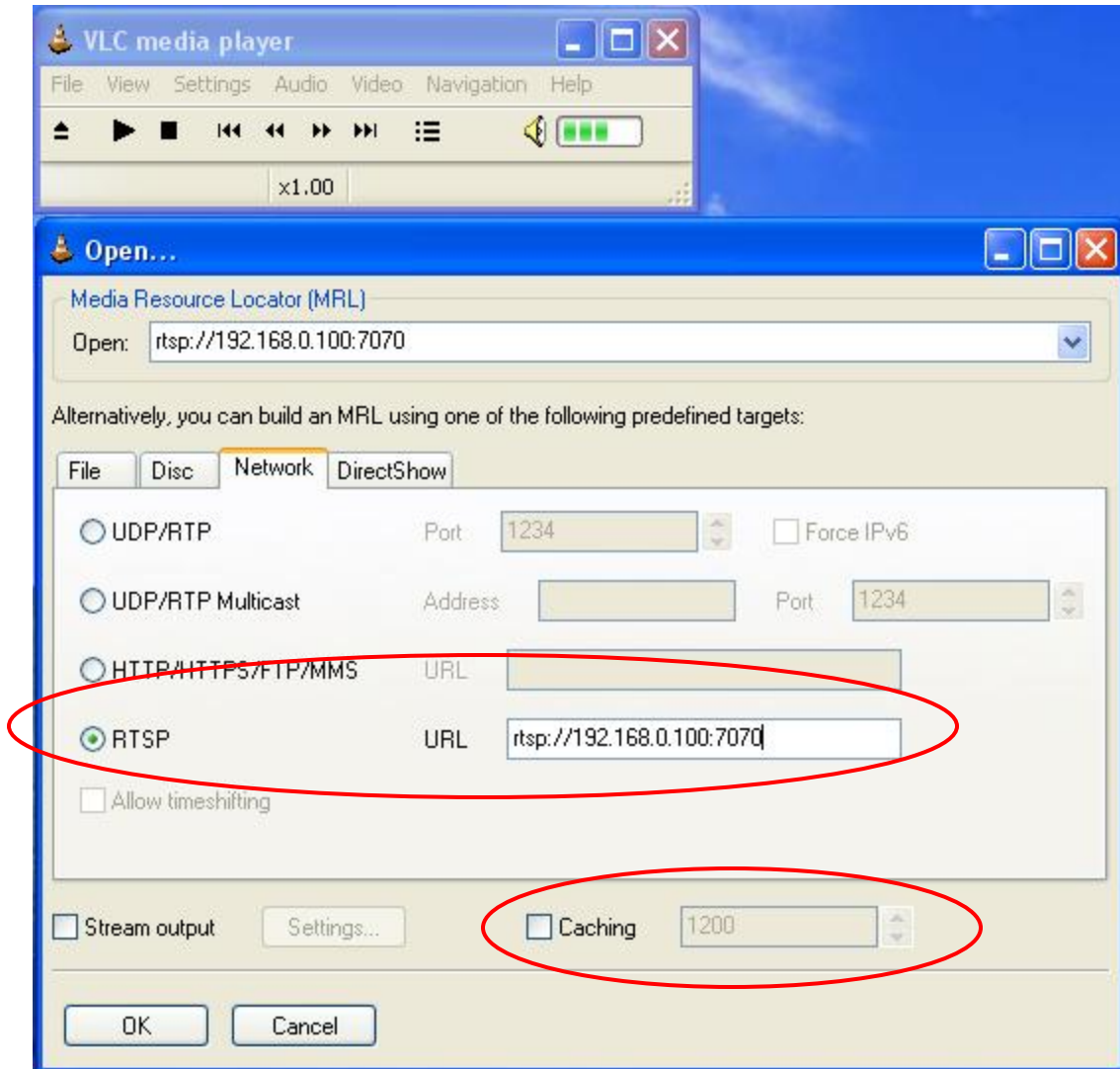
<http://www.videolan.org/vlc/download-windows.html>

Step 2: Click on File -> Open Network Stream



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Step 3: Enter MRL with rtsp://<IP Address>:7070



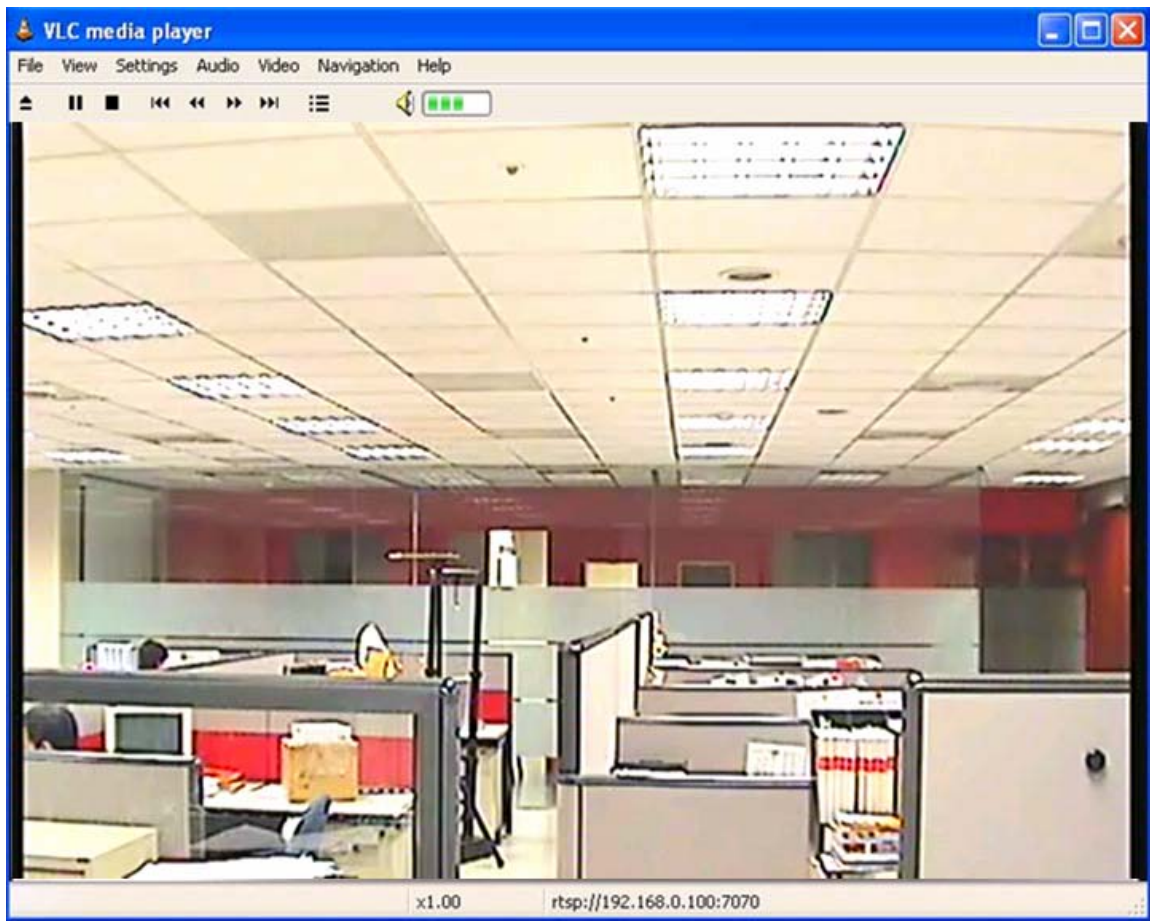
IMPORTANT: Note that after firmware v2.04, RTSP will need account/password authentication. Please enter following command instead:
`rtsp://Admin:123456@192.168.1.107:7070`

Step 3: Minimize the video latency in VLC Player

Please check “**Caching**” and set the value to **80**. The video latency via RTP/RTSP will be minimized without sacrificing video quality.

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Step 4: VLC Player plays video from ACTi device



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ACTi MPEG-4 and RTP/RTSP Spec.

Step 1: Contact ACTi Sales representative

1. To obtain the detailed specification of MPEG-4 and RTP/RTSP specification, you need to contact ACTi Sales representative first, sign the NDA, then you will receive the detailed specification.
2. If you do not know any ACTi Sales representative, please contact sales@acti.com