Merit LILIN Application Note
Interoperable test of Genetec Omnicast Software and LILIN IP Cameras

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Dept：**Technical Support, Taipei**

Subject: Interoperable test of Genetec Omnicast software and LILIN IP cameras
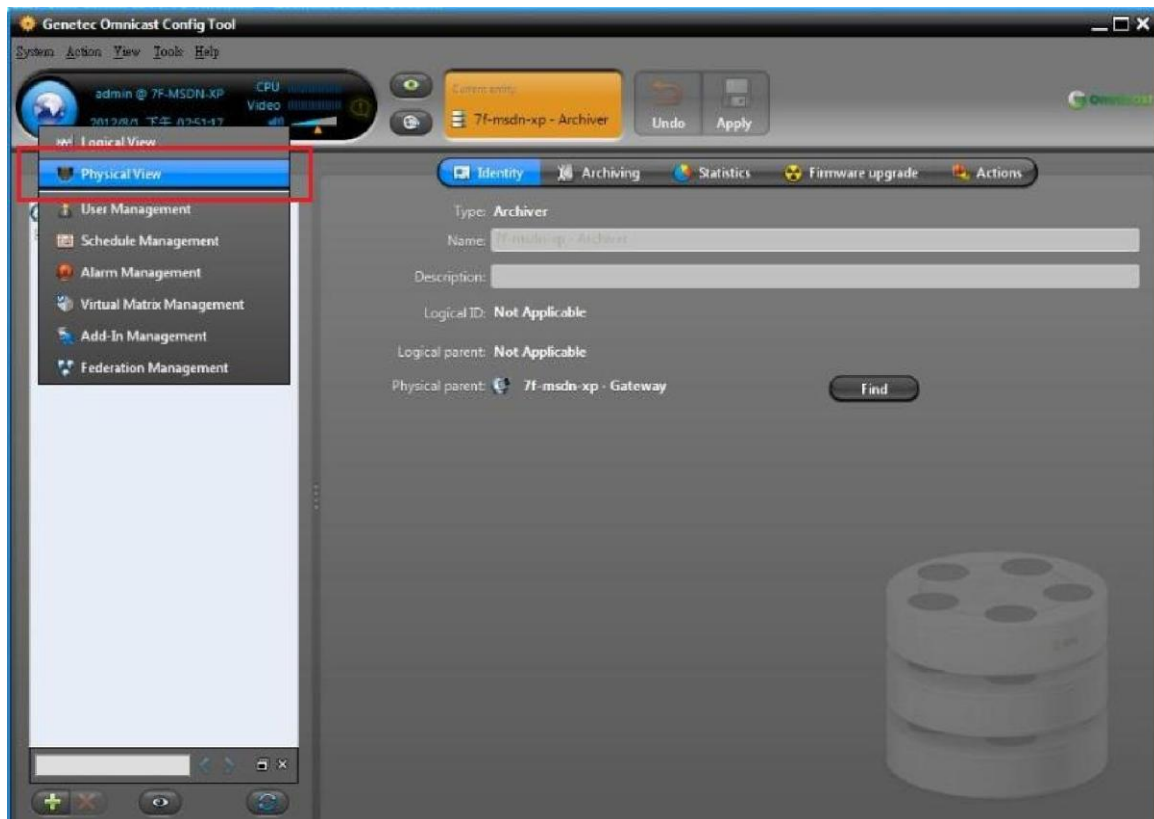
LILIN iMEGAPRO camera firmware: Version 1.0.57P or above
LILIN L Series camera firmware: Version 1.1.13P or above
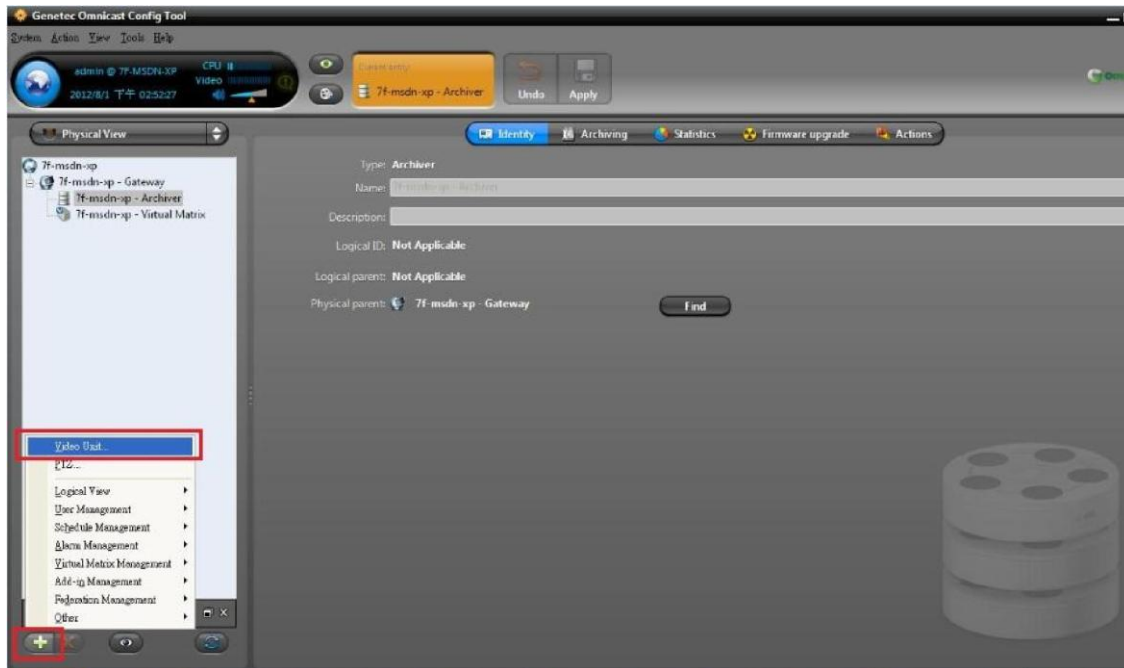Genetec Omnicast software: V4.8.2751.12 or above

Step #1:
Please use the "Config Tool" to add LILIN's camera.   Select "Physical View" as shown below:
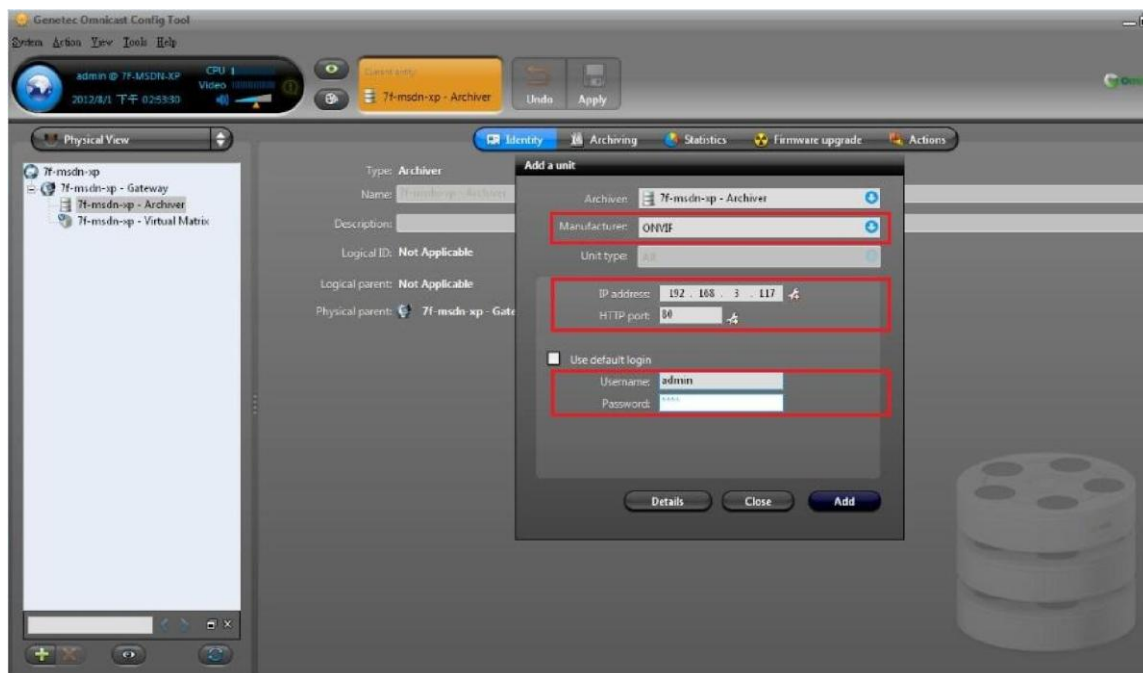
Step #2:
Press the "+" sign and click on "Video Unit".

Step #3 :
Add a unit to the software like the picture below: Choose the Manufacturer as "ONVIF". Enter the IP address, HTTP port, username, and password of the camera. Press the "Add" button.

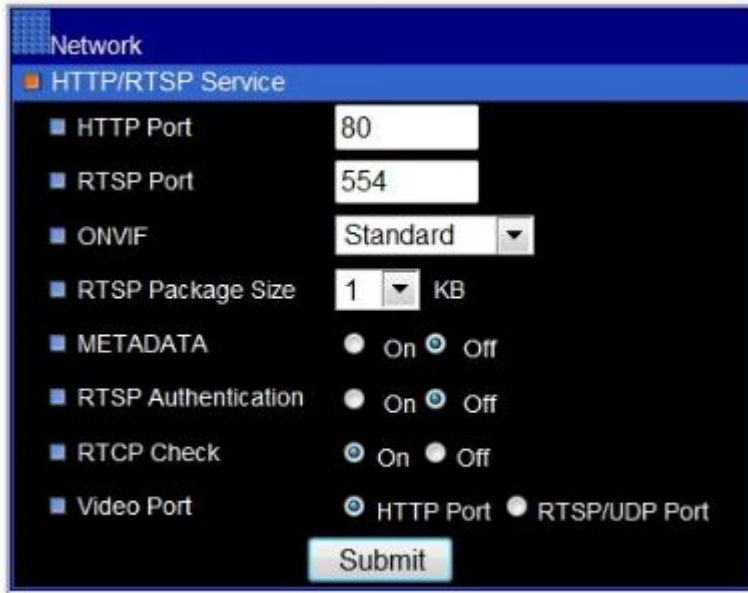The default credential is username: "admin" and password: "pass".

Step #4:

Use IE browser to enter the camera settings and make sure that the ONVIF selection is at Genetec.

iMEGAPRO range camera configuration

L series configuration

Step #5:

Select on "Network" tab and choose "RTSP stream over TCP" (recommended) or "RTSP stream over UDP" from Connection Type.
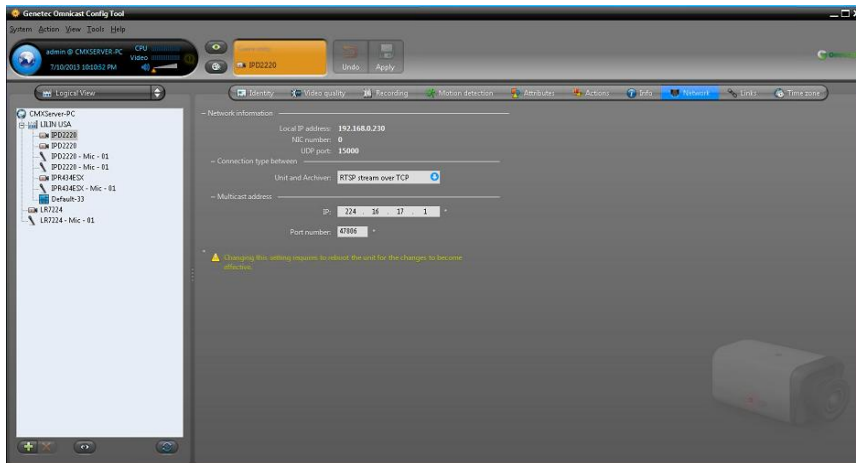
Step #6:
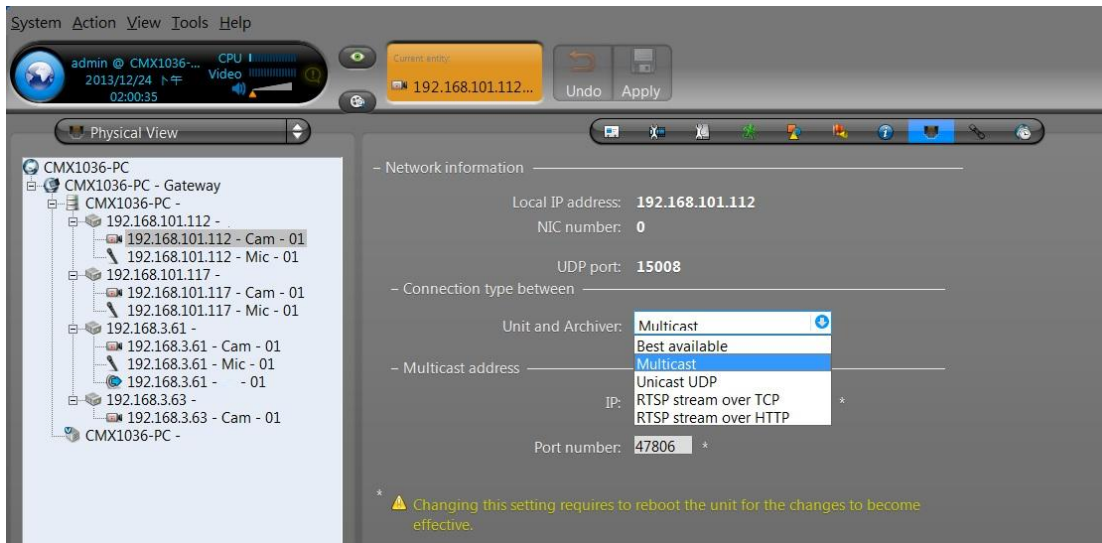Choose "Video Data Format" and "Quality".   Press the "Apply" button on the top.
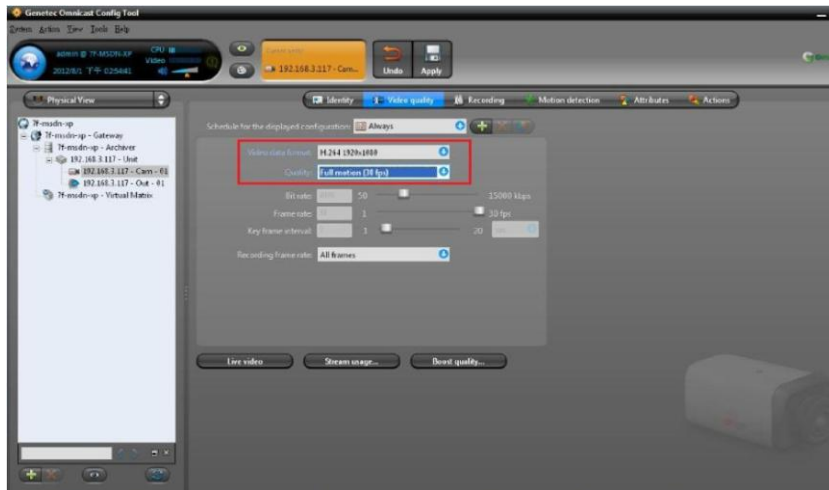
Step #7:
After above settings are done, please use Genetec Omnicast Live Viewer to view the live video.

Connection type

After Genetec version 5.0 or above, "RTST stream over HTTP", "RTSP stream over TCP", "Unicast UDP", and "Multicast" are supported.

Certified Genetec version

8.2751.12

LILIN testing environment

	L series * 2 cameras	Pro series * 2 cameras
Best available (RTP/UDP)	72 hrs: pass	72 hrs: pass
Multicast	100 hrs: pass	100 hrs: pass
RTP/TCP	72 hrs: pass	72 hrs: pass
RTP/HTTP		

Pass: no single video loss

For more information, contact fae@meritlilin.com.tw.