



June 21, 2013

Re: IP Camera Video Streaming with SRX-Pro Server

To all of our customers and partners;

The i3 release of the SRX-Pro Version 3.00 and 3.01 maximized the potential of multiple video streams from i3 IP cameras and other cameras in the industry. Utilizing different streams in varied applications such as video analytics as well as for faster remote viewing will require careful configuration for both the SRX-Pro software and IP cameras. Most i3 Annexus IP cameras come with 3 video streams. The selection of the stream for best results is explained in the table below.

The 3 video streams for i3 Ax5x Annexus models are:

1. First stream supports three codecs MJPEG/MPEG4/H264. MJPEG for first stream is not recommended due to high bandwidth consumption.
2. Second stream supports MPEG4/H.264 codecs.
3. Third stream supports MJPEG codec ONLY. By default, this stream should be enabled for web interface.

The 3 video streams for i3 Ax4x and Ax6x Annexus models are:

1. First stream supports MJPEG and H.264 codecs. MJPEG for first stream is not recommended due to high bandwidth consumption.
2. Second and third streams support MJPEG/H.264 codecs. By default, third stream should be enabled for web interface

Some IP camera manufactures also do offer multiple streams. However, this capability must be integrated through i3 GiPi (Generic IP interface).

i3 main stream, or the first stream is also required as the selection for best video images. i3 sub-stream predominately resides on the third stream. Users are required to select this stream to facilitate faster remote connection. Two streams will consume more hard drive space on the video management system (DVR/NVR). Video analytics (VideoLogix) requires the main stream at a minimum of 13 frames a second. The resolution can be set at D1 or 720x480 and this will help to save hard disk drive.



Manufacturer	Model	Main/sub Stream Support on SRX-Pro	Number of streams	Note
i3	Annexxus 301 & 316	No	2 Main & Sub	SRX-Pro 3.0: Ax316 DOES NOT support sub stream SRX-Pro 3.01: all models DO NOT support sub stream
i3	Annexxus 301-2M, 32xx	Yes	3 Main & Sub	
i3	Annexxus 41	Yes	3	SRX-Pro 3.0/3.01: 2nd or 3rd stream as sub-stream - 3rd stream requires for web
i3	Annexxus 401	No		
i3	Annexxus 32xx	Yes	2 Main & Sub	
i3	Annexxus 36	Yes	4	- stream 13 for live view full screen - stream 1 for live view multi division - stream 0 for recording/playback full screen - stream 9 for recording/playback multi division
i3	Annexxus 52x	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus 51	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus 50D	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus 49D	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus Ax40W	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus Ax46	Yes	2 Main & Sub	SRX-Pro 3.0/3.01: 2nd or 3rd stream as sub-stream
i3	Annexxus Ax61x	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus Ax62x	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus Ax63x	Yes	3	SRX- Pro 3.0/3.01: 3rd stream as sub-stream
i3	Annexxus Ax66	Yes	2 Main & Sub	Current SRX-Pro 3.0/3.01: 2nd or 3rd stream as sub-stream
GANZ	ZN-C2M ZN-DT2MA	Yes	2	SRX-Pro 3.0/3.01: 2nd stream as sub stream
PELCO	IXE20DN	Yes	2	SRX-Pro 3.0/3.01: 2nd stream as sub stream
	D5118	Yes	2	SRX-Pro 3.0/3.01: 2nd stream as sub stream
Vivotek	FE8172	Yes	3	SRX-Pro 3.0/3.01: 2nd stream as sub stream

Please contact technical support if you have any questions or issues.

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Live Chat: <http://www.i3international.com/webim/client.php?locale=en>

i3 International Inc.
Technical Support and Services



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