



September 10, 2009

Re: SRX-Pro 1.530 Release

To all of our customers and partners;

Please be informed that the latest version of SRX-Pro software 1.530 will be officially released to public on September 11, 2009. This new software release will be introduced into our production line, and will be offered on our FTP website as well as through the integrated Remote Upgrade feature. You may upgrade your SRX-Pro 1.512/1.520 Server system at your discretion.

A number of important improvements have been made to this software version release.

One of the major improvements to the new release is the universal software package. SRX-Pro Hybrid, Pro Lite and Ultra Lite installations have been merged into a single installation package. All software restrictions are now controlled by the Software Protection Key (SPK) device and not the software version itself. The universal software package also means a universal Remote, which can now connect to various SRX-Pro versions (Hybrid, PL, UL).

This major change was made possible in part with the help of our new SPK Generator, proprietary software application that will allow our customers to upgrade their i³ Pro Servers to the higher-end software versions with ease. What is even more exciting, these upgrades can be done by i³ technical support representative remotely, which will reduce the upgrade turnaround time and eliminate the need for returning the old SPK devices to the factory.

Another major improvement to this release is the extended list of supported IP cameras. The following IP cameras, existing and new, are integrated with the new software release.

- ANNEXUS 204, 301, 304, 301C, 301C2M, 301D2M, 401C1M, 401C1MN, 401D1M, 401PTZ
- Arecont - AV1300, AV2100, AV3100, AV5100
- IQinvision - IQ501, IQ511, IQ511DV IQ702, IQ752, IQ703, IQ753 IQ705, IQ755
- SONY - SNC - CS10, SNC - CS11, SNC-CS3N, SNC - RX550, SNC - RZ30, SNC - RZ50
- ELMO - PTX 401C, SN2230, TD4114
- AXIS - 214 PTZ, 233D, P3301, M1011, M1031, Q1755, 209 Series
(via VAPIX Version 2 and 3, firmware 4.xx and 5.xx)
- MAVIX – MediaRacer@100, MediaRacer@150

SRX-Pro 1.530 will support the new i³ PCI Express Capture Card (AD-3016) and the new USB I/O Board.

As the motherboard manufacturers are slowly moving away from the PCI to the PCI Express technology, we saw a need to introduce a PCI Express capture card. The new capture board (AD3016) supports up to 4 audio inputs and records at a maximum rate of 240 fps at CIF resolution. For more information on the new Capture Card (AD3016) and the USB I/O board, please refer to the following technical bulletins: **090406-HW-01 (New Capture and IO boards)** and **090428-HW-01 (New Capture and IO boards)**.

Additionally, 1.530 software release will have a capability to operate on the on-board VGA only, without a need for a separate VGA adaptor. For more information on these changes, please see the following technical bulletin: **090514-HW-01 (Discontinuation of VGA Adapters. Stage I)**



SUMMARY:

New features:

- **Universal Remote**
The SRX-Pro 1.530 Remote can connect to the following SRX-Pro Server versions:
 - SRX-Pro Hybrid, v. 1.405 to 1.530
 - SRX-Pro Pro Lite and Ultra Lite, v. 1.405 to 1.512
 - SRX-Pro OCC, v. 1.501
- **New Capture Board and I/O Board support**
New software supports our new Capture (AD-3016) and USB I/O (I3-WDT22) boards
- **External Sub Spot-monitor control**
This software supports one main external monitor and two subsidiary spot monitors offered by the new AD-3016 capture board
- **Axis Cameras support**
New Axis IP cameras supported: Regular, Mega Pixel and PTZ.
- **Annexus 4XX-series support**
New line of i³ Annexus IP cameras supported: AX401C1M, AX401C1MN, AX401D1M, and AX401PTZ
- **Bosch PTZ support**
A new protocol for the Bosch analog PTZ camera supported
- **Half and quarter frames can be used when assigning video recording/display frame rate to analog cameras**
Previously, only whole frame rate values could be used when configuring recording/display frame rate of analog cameras.
E.g. At 720x240 resolution, a 24020C hybrid system has a total of 120 frames of recording available for 16 analog channels. Previously, the maximum average frame rate per channel would have been 7 fps, however, with a new release 7½ frames-per-second can be assigned to each of 16 analog channels.
- **SPK Generator**
SPK generator allows updating the customer's SPK remotely right on the customer's Server, which eliminates the need for returning old SPK devices to i³. SPK Generator also allows for the expiry date to be programmed onto SPK.

Software improvements:

- **On-board VGA support**
This new software release allows using on-board VGA video for all SRX-Pro and iP-Pro Servers, including the higher-end Rackmount models
- **SRX-Pro Remote on Vista**
SRX-Pro Remote has been approved for use on Vista operating system. Users will be automatically reminded to turn the Desktop Window Manager and User Account Control on Vista
- **Additional AVI video codec available**
Additional Microsoft MPEG4 Video Codec V2 is available for AVI backups, improved compression rates



Other Important Notes:

Customers that use the “spot” monitor feature will notice a few changes that will improve overall system performance:

- **Minimum switching time**
Minimum time for a “spot” monitor sequential switching is set to 5 seconds
- **“Spot” monitor functions supported by the software**
First BNC connector on the AD3016 capture card supports a 16-channel “spot” monitor.
Second BNC connector on the AD3016 capture card supports a single-channel switching “spot” monitor.
Third BNC connector will continuously display Channel #1.
- **Semi-weekly reboot time required**
“Spot” monitor users are required to configure semi-weekly system restart time for optimum problem-free system performance

If you have any questions regarding the above, please contact our technical support at 1.877.877.7241 or support@i3dvr.com

Thank you very much for your attention and cooperation.

Best regards,

A handwritten signature in black ink that reads 'B. Hoang' with a stylized flourish above the name.

Bob Hoang
Technical Support and Services
1.416.261.2266 x107
bob@i3dvr.com