

Re: HR16v2, 16-channel video encoder

To all of our customers and partners.

i3 International is pleased to announce the release of the new 16-channel video encoder: HR16v2. HR16v2 provides a convenient and economical way of converting analog video signal into a digital video signal. HR16v2 encoder replaces HR16 model and supports up to 5MP of HD-TVI HD analog video resolution.

Each HD-TVI analog (High Definition analog) channel viewed through HR16v2 supports dual streaming: independently configured Main and Sub-stream. Dual streaming allows recording high-resolution images, while streaming lower-resolution stream in environments, where limited bandwidth is available.

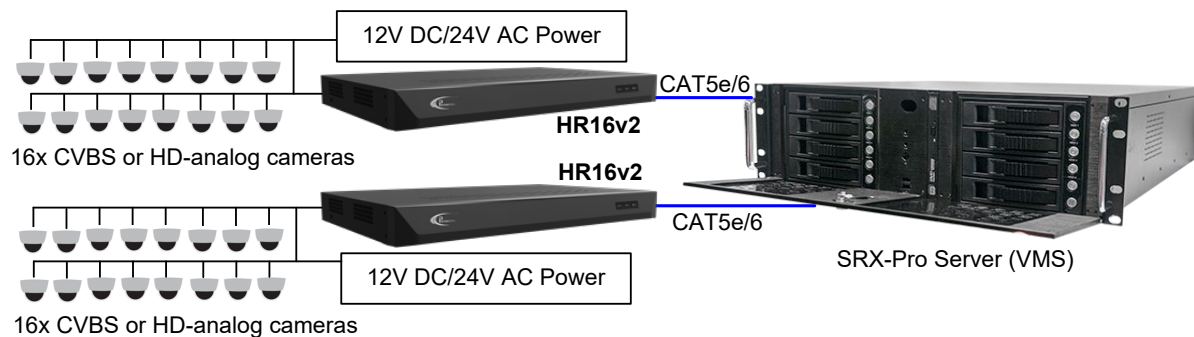
SRX-Pro Server is capable of supporting up to 2 (two) HR16v2 encoders. Each encoder supports up to 16 analog or HD-analog inputs, however, the total number of inputs that can be added to the SRX-Pro Server is determined by the number of purchased licenses.

In addition to the HR16v2 encoder, the user must also purchase the “analog channel” licenses. The licenses are available in bundles or singly, to enable the desired number of inputs that can then be added to SRX-Pro Server.

Network topology when using 1-2 HR16v2.

When purchasing 1 or 2 HR16v2 encoders together with an i3 Server, the NVR will be equipped with a single or dual PCI NIC card, respectively.

Connect the encoders to the single or dual PCI NIC card labeled “HR16” (not the on-board NIC) on your NVR.

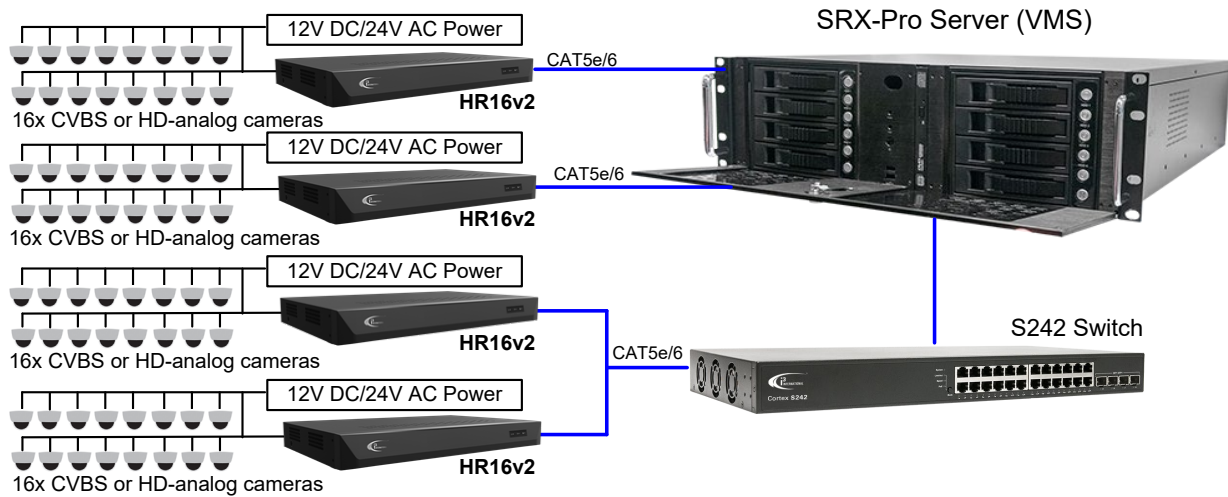


Network topology when using 3-4 HR16v2.

When purchasing 3 to 4 HR16v2 encoders together with an i3 Server, the NVR will be equipped with a dual PCI NIC card.

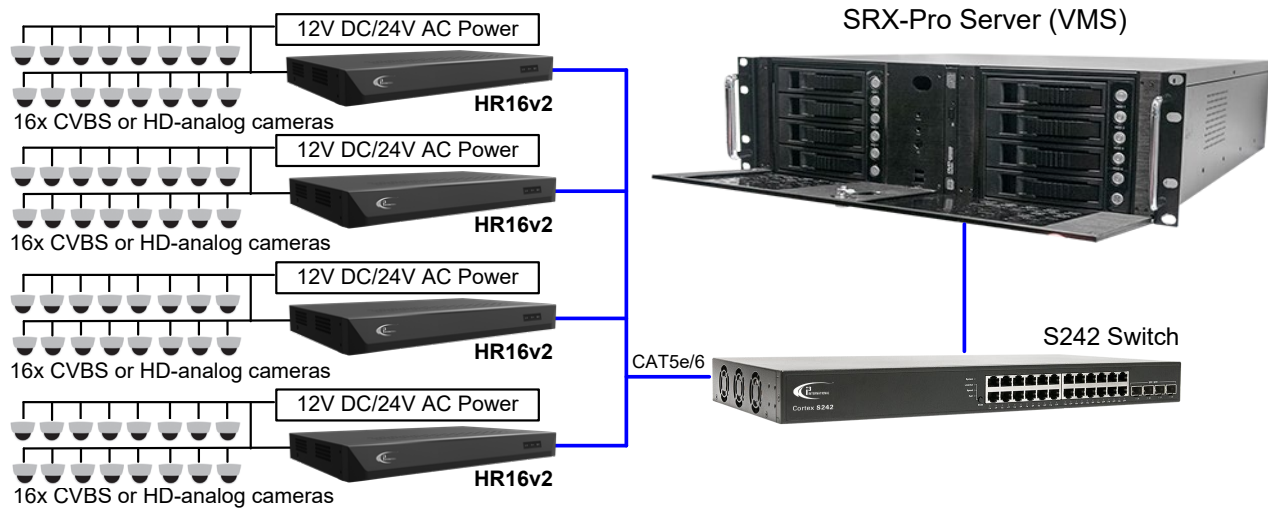
Option A.

Connect two of the HR16v2 encoders to the dual PCI NIC card labeled “HR16” (not the on-board NIC) on your NVR and the rest of the HR16v2 encoders to an i3-recommended Gigabit switch.



Option B.

Connect all HR16v2 encoders to an i3-recommended Gigabit switch.





HR16v2 resolution vs frame rate limitations

Resolution	5MP	4MP	3MP	2MP and lower
Frame Rate	12 fps	15 fps	18 fps	30 fps

HR16v2 and SRX-Pro version support

Some of the HR16v2 features may not be supported on your version of SRX-Pro Server. Please check the table below for limitations.

	SRX-Pro v.5.0.2.X	SRX-Pro v.6.0.2.X - v.6.0.2.146	SRX-Pro v.6.0.2.149 and above	SRX-Pro v7.0.2.X	SRX-Pro v.7.1.2.0 - v7.1.2.28	SRX-Pro v.7.1.2.48 and above
Discovery, Get video, PTZ control	Yes	No	Yes	No	Yes	Yes
FPS/Resolution changes in SRX-Pro will apply to Web GUI	No	Yes	Yes	No	Yes	Yes
FPS/Resolution changes made in Web GUI will apply to SRX-Pro	No	No	Yes	No	Yes	Yes
Restart from SRX-Pro	No	No	Yes	No	Yes	Yes
Video Loss notification support	No	No	Yes	No	No	Yes

Software requirements

- i3 GiPi, June 2, 2020 release
- Annexus Configuration Tool v1.7

Warranty

HR16v2 encoder is backed by i3 International's superior 5-year limited camera warranty. Please read here to learn more: <https://i3international.com/company-policies>

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

Email: support@i3international.com

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Live Chat: <http://i3chat.i3international.com/chat>

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