July 21, 2023

Re: LD16, 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: LD16. LD16 provides a convenient and economical way of converting analog video signal into a digital video signal. LD16 encoder replaces HR16v2 model and supports up to 8MP of HD-TVI HD analog video resolution.
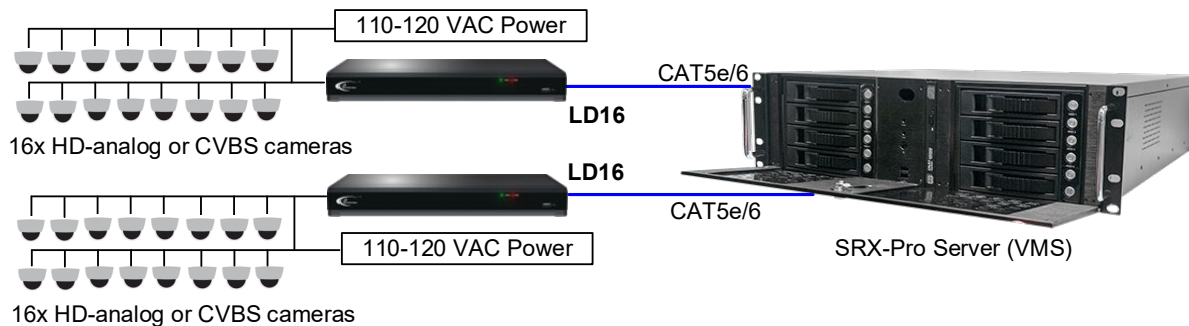
Each HD-TVI analog (High-Definition analog) channel viewed through LD16 supports dual streaming: independently configured Main and Sub-stream. Dual streaming allows recording high-resolution images, while streaming lower-resolution stream in environments, where limited bandwidth is available.

SRX-Pro Server can support up to 4 (four) LD16 encoders at-a-time. 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 SRX-Pro unit type and the number of purchased licenses.

In addition to the LD16 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 LD16.

When purchasing 1 or 2 LD16 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 "LD16" (not the on-board NIC) on your NVR.
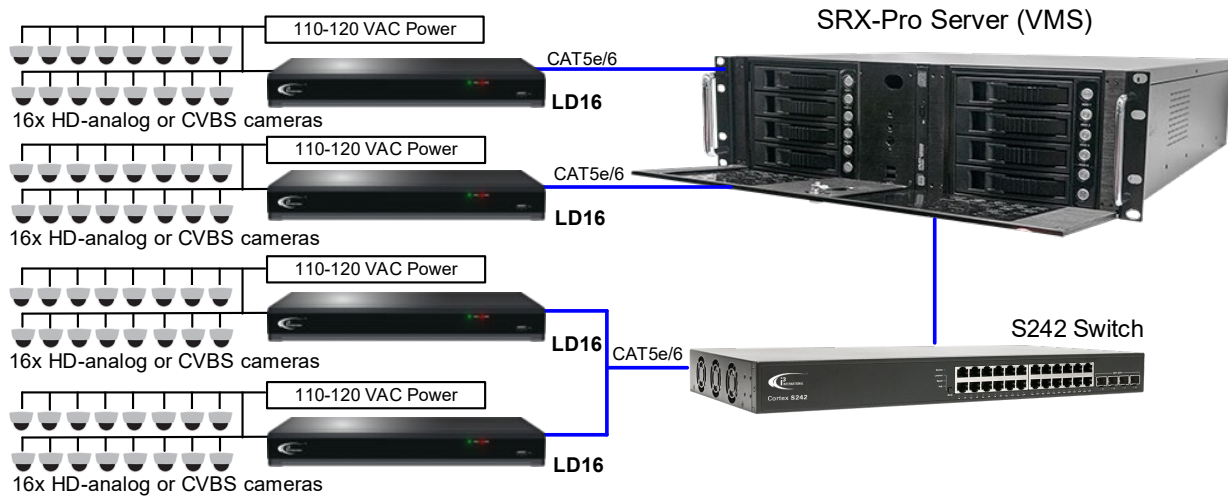
110-120 VAC Power

CAT5e/6

LD16

16x HD-analog or CVBS cameras

LD16

CAT5e/6

110-120 VAC Power

SRX-Pro Server (VMS)

16x HD-analog or CVBS cameras

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Network topology when using 3-4 LD16.

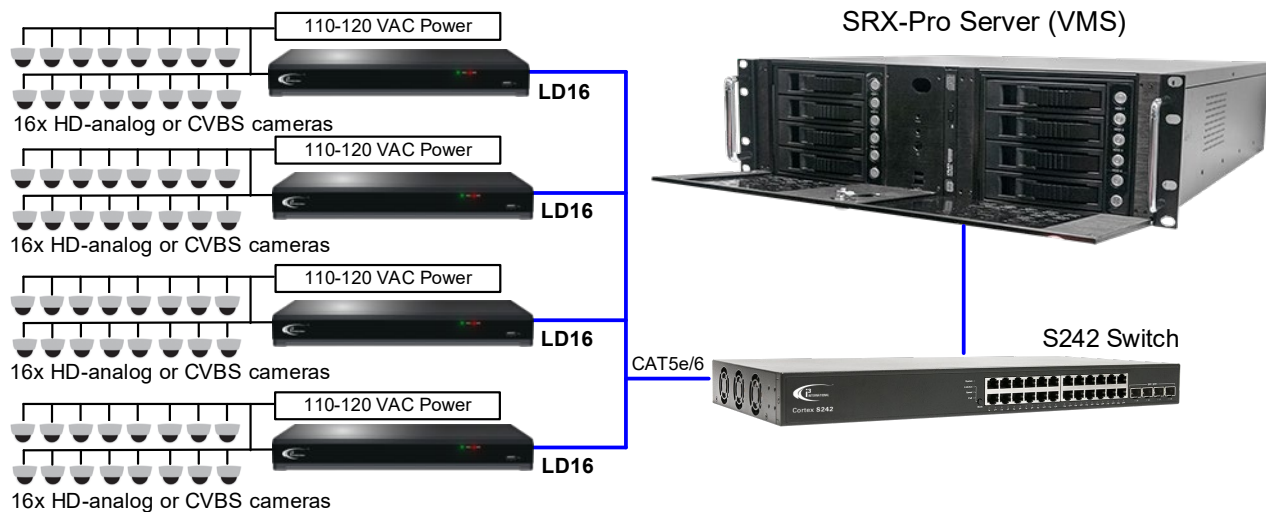When purchasing 3 to 4 LD16 encoders together with an i3 Server, the NVR will be equipped with a dual PCI NIC card.

Option A.

Connect two of the LD16 encoders to the dual PCI NIC card labeled "LD16" (not the on-board NIC) on your NVR and the rest of the LD16 encoders to an i3-recommended Gigabit switch.

SRX-Pro Server (VMS)

110-120 VAC Power

CAT5e/6

LD16

16x HD-analog or CVBS cameras

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LD16

16x HD-analog or CVBS cameras

CAT5e/6

S242 Switch

110-120 VAC Power

LD16

16x HD-analog or CVBS cameras

Option B.

Connect all LD16 encoders to an i3-recommended Gigabit switch.

SRX-Pro Server (VMS)

110-120 VAC Power

LD16

16x HD-analog or CVBS cameras

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16x HD-analog or CVBS cameras

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CAT5e/6

S242 Switch

110-120 VAC Power

LD16

16x HD-analog or CVBS cameras

LD16 recording resolution vs frame rate limitations

Resolution	8MP	5MP	4MP	1080p and lower
Frame Rate	10 fps	15 fps	20 fps	30 fps

Software requirements

- i3 GiPi, July 6, 2023 release
- Annexxus Configuration Tool v2.1.2.19
- SRX-Pro / VPC 7.3.2.X

LD16 compatibility information

	v.6.0.2.X and above	V7.0.2.X - v7.3.2.46	V7.3.2.47 and above
Discovery, Get video	No	Yes	Yes
PTZ control	No	No	Yes
FPS/Resolution changes in SRX-Pro will apply to Web GUI	No	Yes	Yes
FPS/Resolution changes made in Web GUI will apply to SRX-Pro	No	Yes	Yes
Restart from SRX-Pro	No	Yes	Yes
Video Loss notification support	No	Yes	Yes

Warranty

LD16 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
Tel.: 1.877.877.7241