






3xLOGIC

VIGIL NVRs Video Management

January 2024

Simple. Scalable. Secure.



	NVR-1U-8CH	NVR-2U-16CH	HVR-2U-16A8IP	NVR-2U-64CH	NVR-2U-96CH
NVR Image					
Form Factor	1U	2U	2U	2U	2U
Max Cameras Total	8	16	24	64	96
Max IP Cameras	8	16	8	64	96
Max Analog Cameras***	0	0	16	16	32
HD Analog Support	NA	NA	NA	16-HD-TVI (720P, 1080), AHD (720P, 1080P)	Up to 32-HD-TVI (720P, 1080), AHD (720P, 1080P)
Max Hard Drive Capacity	18TB	54TB	54TB	54TB	144TB
Multi-Monitor Support	No*	No*	No*	Yes	Yes
Serial Ports	1	1	1	1	1
Recommended Max Total Megapixels**	64	64	64	320	480
Recommended Max Total Bitrate	65000Kbps	65000Kbps	65000Kbps	327680Kbps	491520Kbps
Processor	Intel Core i3	Intel Celeron Gen 10	Intel Celeron Gen 10	Intel Gen 10 i5	Intel Xeon
Operating System	Linux Debian OS or Windows 10 Enterprise LTSC 2021 OS	Windows 10 Enterprise LTSC 2021 OS	Windows 10 Enterprise LTSC 2021 OS	Windows 10 Enterprise LTSC 2021 OS	Windows 10 Enterprise LTSC 2021 OS
Alarm Inputs / Relay Outputs	1 x 4DI/2DO terminal block	Optional External	Optional External	Optional External	Optional External
RAM	8 GB	8 GB	8 GB	16 GB	16 GB
Analytics	Edge Support	Edge Support	Edge Support	Edge Support	Edge Support
USB Ports	6 Total: (2 - USB 2.0 Type A 4 - USB 3.1 Gen 1 Type A)	5 (4 - USB 3.0)	5 (4 - USB 3.0)	5 (4 - USB 3.0)	6 (2 - USB 3.0)
Power Rating	180W	300W	300W	300W	500W
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years

*Monitor on NVR-2U-16CH, HVR-2U-16A-8IP, NVR-1U-8CH should only be utilized for system setup and service / troubleshooting.

Recommended Max Total Megapixels based on 8FPS using H.264 compression. *Optional

NVR 1U and 2U Configuration Options

SERIES NAMES	PROCESSOR OPTIONS	CHASSIS	IP LICENSES INCLUDED	ANALOG CHANNELS AVAILABLE	IP CHANNELS AVAILABLE	BASE STORAGE
NVR-1U-8CH	Intel Celeron Gen 8	Compact 1U (13.5" deep)	8 IP	0	Up to 8	Up to 18TB**
HVR-2U-16A8IP	Intel Celeron Gen 10	Compact 2U (11" deep)	16 IP	0	Up to 16	Up to 54TB*
NVR-2U-16CH	Intel Celeron Gen 10	Compact 2U (11" deep)	16 Hybrid, 8 IP	16 (analog only)	Up to 8	Up to 54TB*

NVR-2U-64CH Configuration Options

SERIES NAMES	PROCESSOR OPTIONS	CHASSIS	IP LICENSES INCLUDED	HYBRID/FLEX CHANNELS AVAILABLE	IP CHANNELS AVAILABLE	BASE STORAGE
NVR-2U-64CH	Gen 10 Intel Core i5	Compact 2U (11" deep)	16 IP	0	Up to 64	Up to 54TB*
HVR-2U-64CH-16	Gen 10 Intel Core i5	Compact 2U (11" deep)	16 Hybrid, 16 IP	16	Up to 48	Up to 54TB*
HVR-2U-64CH-16-HD HD analog models support both standard and HD Analog.	Gen 10 Intel Core i5	Compact 2U (11" deep)	16 Hybrid, 16 IP	16	Up to 48	Up to 54TB*

*No HDD included. 3 Bays Available, Max 54TB. Separate purchase required.

**No HDD included. 1 Bay Available, Max 18TB. Separate purchase required.

NVR-2U-96CH Configuration Options

SERIES NAMES	PROCESSOR OPTIONS	CHASSIS	IP LICENSES INCLUDED	HYBRID/FLEX CHANNELS AVAILABLE	IP CHANNELS AVAILABLE	BASE STORAGE
NVR-2U-96CH	Gen 10 Intel Xeon	2U (23" deep)	24 IP	0	Up to 96	Up to 144TB**
HVR-2U-96CH-16-HD*	Gen 10 Intel Xeon	2U (23" deep)	16 IP, 16 Hybrid	16	Up to 80	Up to 144TB**
HVR-2U-96CH-32-HD*	Gen 10 Intel Xeon	2U (23" deep)	32 Hybrid	32	Up to 64	Up to 144TB**
HVR-2U-96CH-16	Gen 10 Intel Xeon	2U (23" deep)	16 IP, 16 Hybrid	16	Up to 80	Up to 144TB**
HVR-2U-96CH-32	Gen 10 Intel Xeon	2U (23" deep)	32 Hybrid	32	Up to 64	Up to 144TB**

*No HDD included. 3 Bays Available, Max 54TB. Separate purchase required.

**No HDD included. 1 Bay Available, Max 18TB. Separate purchase required.



3xLOGIC Inc. has been a leading innovator in security technology for 15+ years. The company is recognized for providing easy-to-use surveillance and business intelligence solutions that seamlessly integrate video, access control, alarm audio and video verification, and disparate data sets such as ATM, Point-of-Sale, analytics, and more.

We are a global company with headquarters in Indiana, USA and Stockport, UK.

United States Office

11899 Exit 5 Parkway, Suite 100

Fishers, IN 46037

+1 (877) 3xLOGIC or +1 (877) 395-6442

sales@3xlogic.com

UK & Europe Office

1 Park Gate Close,

Bredbury, Stockport,

Cheshire,

SK6 2SZ,

UK

+44 (0)161 406 3400

sales@3xlogic.com

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NEED SUPPORT?

For support related issues please email

helpdesk@3xlogic.com or call one of our direct lines.

US Phone Number: (877) 395-6442

UK & Europe Phone Number: +44 (0)161 406 3400