

VIGIL NVR-2U-96CH

96-CHANNEL NETWORK VIDEO RECORDER W/ HYBRID (IP OR ANALOG) CAMERA SUPPORT

VIGIL™ Network Video Recorders (NVRs) and Hybrid Digital Video Recorders (HVRs) are the centerpiece of your security solution. Pre-configured with VIGIL Server Video Management System (VMS) software, these recording appliances are a cost-effective, enterprise-grade video management platform that is not only easy to deploy, but also easy to expand. Flexible by design, users get the system that addresses their current needs with the ability to scale to meet tomorrow’s demands.



Key Features	
» Highly Efficient	» Supports HD Analog Recording up to 30FPS Per Camera at 4CIF w/ Max Analog Resolution of 1080p (HD Models Only)
» Versatile and compact 2U chassis	» RAID 5 / 6 Storage Support
» Can be used in rackmount or desktop configuration	» Intel 10th Gen Xeon Architecture Performance
» Preconfigured with 3xLOGIC's VIGIL VMS software	» RS-232 Serial Port for External Communications
» Dedicated 256GB SSD OS Drive	» Front USB 3.0 Port for Easy Event Export
» Support 8 removable drive bays - Up to 144TB Storage	» Microsoft Windows 10 Enterprise LTSC 2021 OS
» Dual NICs for Easy Network and Camera Deployment	» IP or Hybrid Flex-channel Licenses (IP, Analog or HD analog) included with every model. See specific models details below.
» NDAA Compliant	

Product Numbers

Product Number	CPU	Chassis	Licenses Included	Max Hybrid / Flex Channels	Max IP Channels	Storage Options
NVR-2U-96CH	Gen 10 Intel Xeon	Compact 2U (23.3" deep)	24 IP Licenses	0	Up to 96	Up to 144TB
HVR-2U-96CH-16-HD*	Gen 10 Intel Xeon	Compact 2U (23.3" deep)	16 IP, 16 Hybrid Licenses	Up to 16	Up to 80	Up to 144TB
HVR-2U-96CH-32-HD*	Gen 10 Intel Xeon	Compact 2U (23.3" deep)	32 Hybrid Licenses	Up to 32	Up to 64	Up to 144TB
HVR-2U-96CH-16	Gen 10 Intel Xeon	Compact 2U (23.3" deep)	16 IP, 16 Hybrid Licenses	Up to 16	Up tp 80	Up to 144TB
HVR-2U-96CH-32	Gen 10 Intel Xeon	Compact 2U (23.3" deep)	32 Hybrid Licenses	Up to 32	Up to 64	Up to 144TB

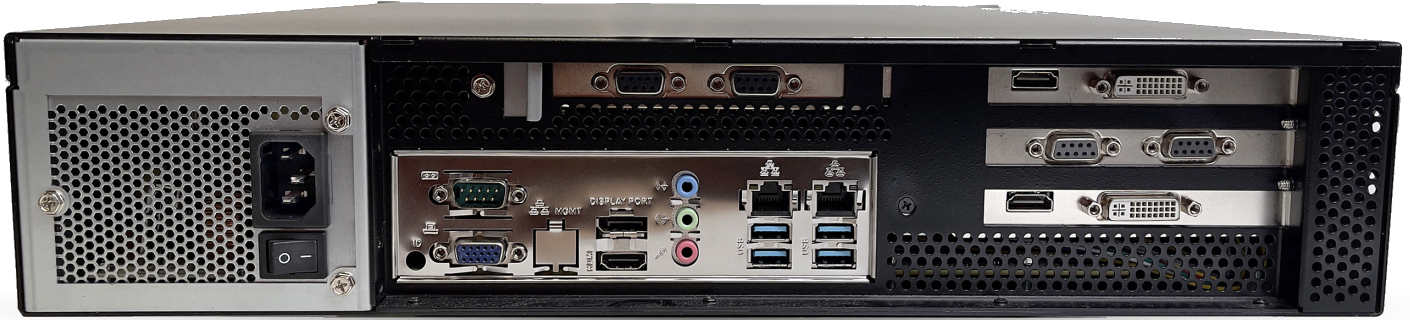
*HD analog models support both standard and HD analog cameras

Hardware			
CPU	Gen 10 Intel W-1270E Xeon w/8 cores, 16 thread	Storage Capacity	Up to 144TB (8 x 18TB)
RAM	16GB (2x 8GB)	Storage Drive Type	SATA HDD
NIC / USB / Serial Port	2 X 1GBps / Front: 1x USB 3.0; Rear: 4x USB 3.0 / 1 (RS-232)	Hot-swappable Drives	Yes, 8 removable storage bays
Monitor Outputs	1 x D-Sub port w/ max resolution of 1920x1200@60Hz 1 x HDMI ports 1 x DisplayPorts, Supports up to 3 simultaneous displays	Physical	Weight: 32lbs (No HDD) / 40lbs (8x HDD) Width: 19.015 in / 483 mm Height: 3.496 in / 88.8 mm Depth: 3.267 in / 591 mm
DisplayPort Support	Max Res: 4096x2304@60 Hz. Support for DisplayPort 1.4 version, HDCP 2.3, and HDR.)	HDMI Support	Max Res: 4096x2160@30 Hz. Support for HDMI 1.4 version and HDCP 2.3
Warranty	Software: 3 Years Hardware: 3 Years	Physical OS Drive	256GB M.2 NVME SSD
IP Camera Inputs	Up to 96 Channels	Operating Temperature	40° to 95°F / 4.5° to 35° C
Audio Input Interface:	3.5mm Output	Storage Temperature:	14° to 140°F / -10° to 60° C
Certifications	CE, FCC, NEMKO (US and Canada), UKCA, NDAA Compliant	Electrical	Voltage: 115VAC/60Hz; 230VAC/50Hz Wattage: 500 W

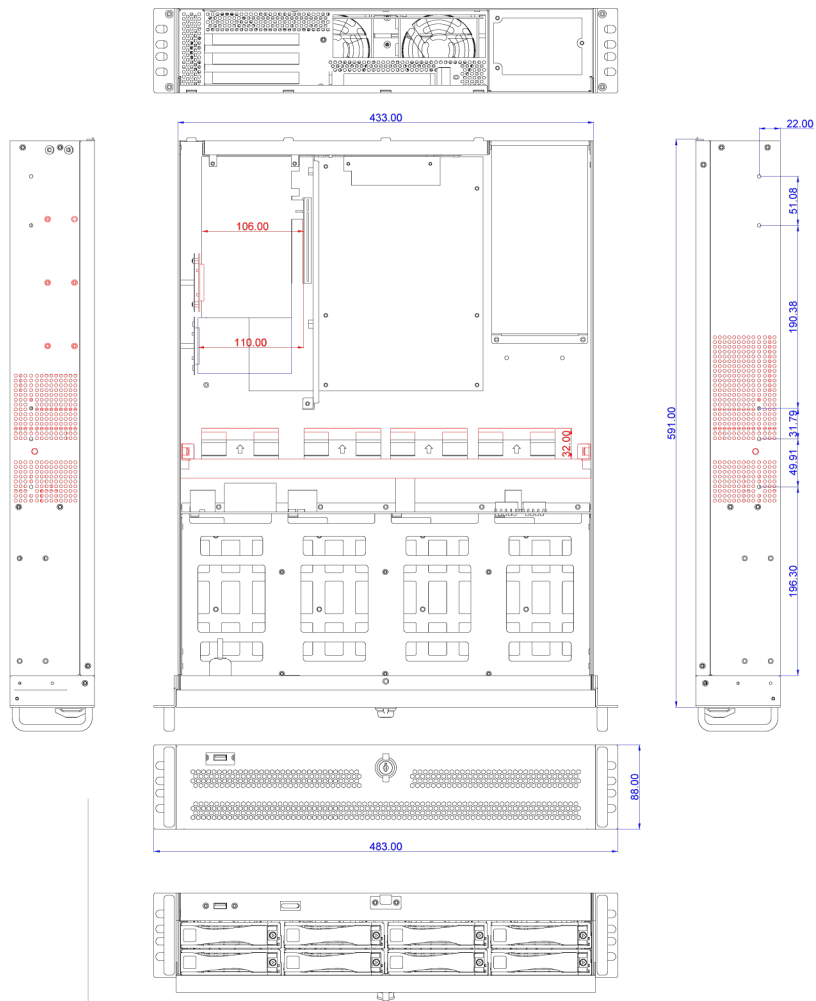
Software			
IP Camera Support	Yes	Multi-Streaming Support	Yes
IP PTZ Support	Yes	Supported Video CODECS	MJPEG, MPEG-4, H.264, H.264+ H.265
IP Protocols	DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE	Video Recording Modes	Motion, Alarm, Audio, Analytics
Max MP Support	480MP	IP Audio Support	Yes
Audio Compression	OggVorbis	Audio Recording BitRate	16Kbps
Pre-Loaded Software	VMS: VIGIL Video Management System (VMS) Software (v12 and above supported) OS: Windows 10 Enterprise LTSC 2021 Build 21H2	3rd Party Integrations	Access Control, Alarm, ATM, POS, Time/Attendance available

Analog Camera Support (HVR Models Only)			
Analog Camera Inputs	Up to 32 BNC inputs (1.0Vp-p, 75Ω)	Analog Audio Inputs	Equal to HD analog video inputs - 16/32CH
Video Standards	PAL/NTSC adaptive, HD-TVI, HD-CVI, HD-AHD	HD Analog Resolution	Max. 1080P
Video Compression	H.264, MPEG-4/part 10	HD Video Compression	H.264, MJPEG
Max Images Per Second	30FPS/channel @ 4CIF (live and playback)	HD Max FPS	30FPS

Back Plate Image



Dimensional Drawing



Unit: mm