

# VIGIL NVR-2U-64CH

64-CHANNEL NETWORK VIDEO RECORDER W/ HYBRID CAMERA (IP OR ANALOG) SUPPORT, AUDIO AND 18TB MAX STORAGE

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
- » Versatile and compact 2U chassis
- » Can be used in rackmount or desktop configuration
- » Preconfigured with 3xLOGIC's VIGIL VMS software
- » Dedicated 256 GB SSD OS Drive
- » Support for 3 removable drive bays - Up to 54TB of storage
- » Dual NICs for easy network and camera deployment
- » NDAA Compliant
- » Supports HD Analog recording up to 30FPS per camera at 4CIF w/ max analog resolution of 1080p (HD Models Only)
- » Intel 10th Gen i5 architecture performance
- » RS-232 Serial Port for external communications
- » Front USB 3.0 Port for easy event export
- » Microsoft Windows 10 Enterprise LTSC 2021 OS or Linux Debian 11 OS (Non-Hybrid Only)
- » IP or Hybrid Flex-channel licenses (IP, Analog or HD analog) included with every model. See specific models details below

## PRODUCT NUMBERS

Product Number	CPU	OS	Chassis	Licenses Included	Max Hybrid / Flex Channels	Max IP Channels	Storage Options
<b>NVR-2U-64CH</b>	Gen 10 Intel Core i5	Windows 10	Compact 2U (11" deep)	16 IP Licenses	0	Up to 64	Up to 54TB
<b>HVR-2U-64CH-16</b>	Gen 10 Intel Core i5	Windows 10	Compact 2U (11" deep)	16 IP, 16 Hybrid Licenses	Up to 16	Up to 48	Up to 54TB
<b>HVR-2U-64CH-16-HD*</b>	Gen 10 Intel Core i5	Windows 10	Compact 2U (11" deep)	16 IP, 16 Hybrid Licenses	Up to 16	Up to 48	Up to 54TB
<b>NVR-2U-64CH-LINUX</b>	Gen 10 Intel Core i5	Linux Debian 11	Compact 2U (11" deep)	16 IP Licenses	0	Up to 64	Up to 54TB

\*HD analog models support both standard and HD analog cameras

Hardware			
<b>CPU</b>	Gen 10 Intel, i5, 6 Core, 12 Thread Processor	<b>Storage Capacity</b>	Up to 54TB (3 x 18TB)
<b>RAM</b>	16GB (2x 8GB)	<b>Storage Drive Type</b>	SATA HDD
<b>NIC / USB / Serial Port</b>	2 X 1GBps / Front: 1x USB 2.0; Rear: 4x USB 3.0 / 1 RS-232	<b>Hot-swappable Drives</b>	Yes, 3 removable storage bays
<b>Monitor Outputs</b>	1 x D-Sub port w/ max resolution of 1920x1200@60Hz 1 x HDMI ports 1 x DisplayPorts,  Supports up to 3 simultaneous displays	<b>Physical</b>	<b>Weight:</b> 17.0 lbs / 7.7 kg <b>Width:</b> 16.85 in / 428 mm <b>Height:</b> 3.375 in / 88.8 mm <b>Depth:</b> 11 in / 278.4 mm
<b>DisplayPort Support</b>	Max Res: 4096x2304@60 Hz. Support for DisplayPort 1.4 version, HDCP 2.3, and HDR.	<b>HDMI Support</b>	Max Res: 4096x2160@60 Hz. Support for HDMI 2.0 version, HDCP 2.2 and HDR
<b>Warranty</b>	Software: 3 Years Hardware: 3 Years	<b>Physical OS Drive</b>	256GB M.2 NVME SSD
<b>IP Camera Inputs</b>	Up to 64 Channels (48 for HVR)	<b>Operating Temperature</b>	40° to 95°F / 4.5° to 35° C
<b>Audio Input Interface:</b>	3.5mm Output	<b>Storage Temperature:</b>	14° to 140°F / -10° to 60° C
<b>Certifications</b>	CE, FCC, NEMKO (US and Canada), UKCA, NDAA Compliant	<b>Electrical</b>	<b>Voltage:</b> 115VAC/60Hz; 230VAC/50Hz <b>Wattage:</b> 300 W

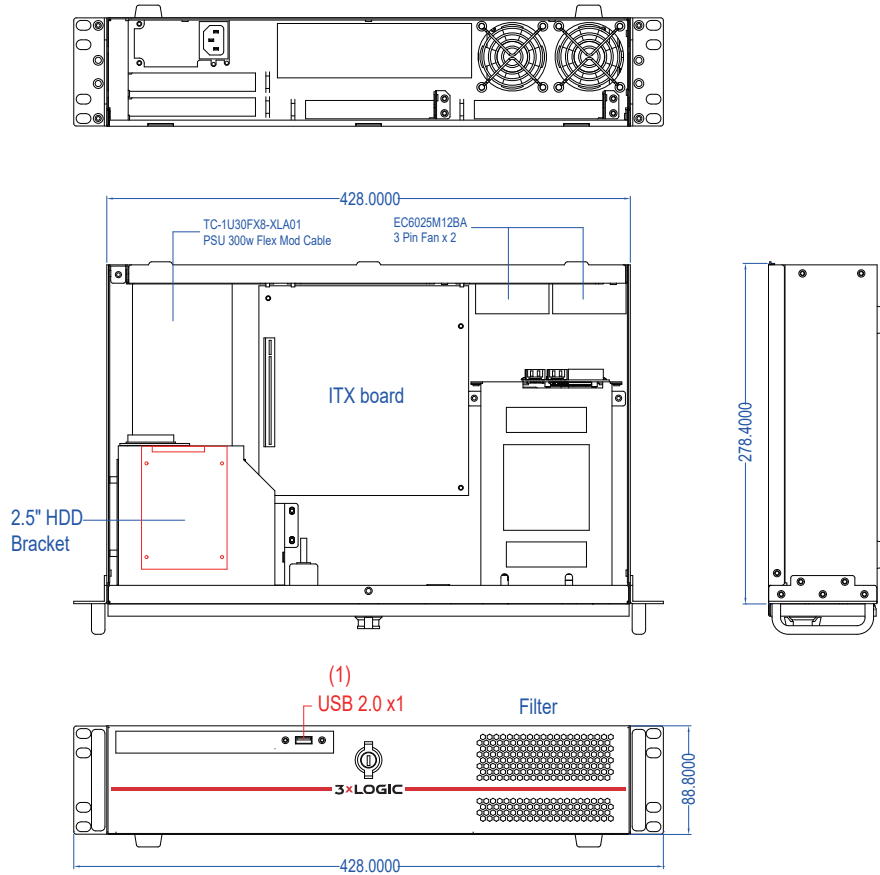
Software			
<b>IP Camera Support</b>	Yes	<b>Multi-Streaming Support</b>	Yes
<b>IP PTZ Support</b>	Yes	<b>Supported Video CODECS</b>	MJPEG, MPEG-4, H.264, H.264+ H.265
<b>IP Protocols</b>	DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE	<b>Video Recording Modes</b>	Motion, Alarm, Audio, Analytics
<b>Max MP Support</b>	480MP	<b>IP Audio Support</b>	Yes
<b>Audio Compression</b>	OggVorbis	<b>Audio Recording BitRate</b>	16Kbps
<b>Pre-Loaded Software</b>	<b>VMS:</b> VIGIL Video Management System (VMS) Software (v7.5 and above supported for Windows, v12.60.0400 and newer for Linux)  <b>OS:</b> Windows 10 Enterprise LTSC 2021, Build 21H2 or Debian 11 GNU/Linux (OS dependent on model)	<b>3rd Party Integrations</b>	Access Control, Alarm, ATM, POS, Time / Attendance available

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

Back Plate Image



Dimensional Drawing



Unit: mm