

VIGIL NVR-1U-8CH

COMPACT (1U) NETWORK VIDEO RECORDER W/ ALARM I/O AND EMBEDDED 8CH POE SWITCH (W/ 8 IP CAMERA LICENSES INCL.)

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

- » Versatile and compact 1U chassis; Can be used in rackmount or desktop configuration
- » Preconfigured with 3xLOGIC's Linux or Windows VIGIL Server software. Local VIGIL Client available for Windows. Web Client available for Linux.
- » Full Remote Configuration
- » Up to 18TB of Storage (1 x 18TB HDD; HDD Not Included)
- » Dual NICs (2x RJ-45)
- » 8 IP Camera Licenses Included
- » 8GB RAM
- » 256GB Dedicated OS SSD
- » Plug & Play: 8 x Embedded Ethernet PoE port for IP Cameras
- » Max 64MP Support (64Mbps)
- » HDMI 2.0b and DVI-I Monitor Out for System Setup*
- » Linux Debian 11 OS or Windows 10 Enterprise LTSC 2021 OS
- » 3 Year Warranty
- » NDAA Compliant

*On Linux-based systems, monitor can only be utilized for system setup and service / troubleshooting. Remote Client is supported.

PRODUCT NUMBERS

Product Number	CPU	Chassis	Licenses Included	Max IP Ch.	Storage	OS
NVR-1U-8CH-4TB	8th Gen Intel® Celeron®	1U(13.6" deep)	8 IP	8 channels	18TB Max (4TB Included)	Linux
NVR-1U-8CH-14TB	8th Gen Intel® Celeron®	1U(13.6" deep)	8 IP	8 channels	18TB Max (14TB Included)	Linux
NVR-1U-8CH-18TB	8th Gen Intel® Celeron®	1U(13.6" deep)	8 IP	8 channels	18TB Max (18TB Included)	Linux
NVR-1U-8CH-WIN-4TB	8th Gen Intel® Celeron®	1U(13.6" deep)	8 IP	8 channels	18TB Max (4TB Included)	Windows
NVR-1U-8CH-WIN-14TB	8th Gen Intel® Celeron®	1U(13.6" deep)	8 IP	8 channels	18TB Max (14TB Included)	Windows
NVR-1U-8CH-WIN-18TB	8th Gen Intel® Celeron®	1U(13.6" deep)	8 IP	8 channels	18TB Max (18TB Included)	Windows

Hardware

CPU	Intel 8th Gen Intel® Celeron® J6412, Quad Core, 2.0GHz base frequency, 2.6GHz burst frequency	Storage Bays	1 x HDD Bay Available, 4TB, 14TB or 18TB (varies based on model).
RAM	8GB	Storage Drive Type	3.5" SATA HDD
NIC / USB / Serial Port	2 x RJ45 (1(1GbE+1 x 2.5GbE) / Front: 2 x USB 2.0 ports, Rear: 4 x USB 3.1 Gen1 ports / 1 x UART ports (RS-232/4850)	Storage Max Capacity	18TB (1x 18TB)
Alarm I/O	1 x 4DI/2DO terminal block	Physical OS Drive	256GB SSD
Power On / Off Switch	Yes	Status LED	Front: Power & HDD status, PoE port status
Monitor Outputs	1 x DVI-I 1 x HDMI 2.0b Note: Monitor can only be utilized for system setup and service / troubleshooting. Remote client support only.	Physical	Weight: w/ HDD: 6.5lbs. Power Supply: 1.5lbs Width: 17.323 in. / 430mm (without rack mount ears) Height: 1.75 in. / 49.5 mm (44.5 mm without feet) Depth: 13.583 in. / 348 mm
IP Camera Control	PoE consumption status, On/Off control, remote reset	HDMI Support	Max Res: 4096x2160@60 Hz. Support for HDMI 2.0b
IP Camera Interface	8 x Ethernet PoE port	Environmental	Op. Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Relative Humidity: 10% ~ 90% (non-condensing)
Camera Interface Power	802.3af/at compliance with total 120W max (PSE) 802.3af supports 8 ports @ 15W 802.3at supports 4 ports @ 30W	Electrical	Voltage: AC 100V~240V, 50/60HZ Wattage: Adapter 54V/3.34A 180W
IP Camera Inputs	Up to 8 (licenses included)	Keyboard / Mouse	Included
Warranty	Software: 3 Years Hardware: 3 Years	Certifications	UL,ULC, UKCA, CE, FCC Class A, IC, NDAA Compliant

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	64MP	IP Audio Support	Yes
Max Recording Bandwidth	64Mbps	Audio Communication	Two-Way
Pre-Loaded Software	VMS: VIGIL Video Management System (VMS) Software (v12 and above supported) OS: Linux Debian 11 or Windows 10 Enterprise LTSC	3rd Party Integrations	Access Control, Alarm, ATM, POS, Analytics

The rear panel of the H1000 device features the following ports and connectors from left to right:

- A cooling fan.
- A **GPIO** header with **Output** and **Input** pins.
- An **RS232/485** port with a DVI-I connector.
- An **HDMI** port.
- Two **SFP** (Small Form-factor Pluggable) ports, labeled **2.5G** and **1G**.
- Four **LAN** ports, numbered 1 through 8.
- A **SW** (Switch) button.
- A **DC-IN 54V** power input jack.

Desktop

Rackmount

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