

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 VIGIL VMS software
- » Full Remote Configuration
- » Up to 18TB of Storage (1 x 18TB HDD; HDD Not Included)
- » Dual NICs (2x RJ-45)
- » NDAA Compliant
- » 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
- » 8 IP Camera Licenses Included
- » 3 Year Warranty

*Monitor can only be utilized for system setup and service / troubleshooting. Remote client support only.

PRODUCT NUMBERS

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

| 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, 4, 14 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 |

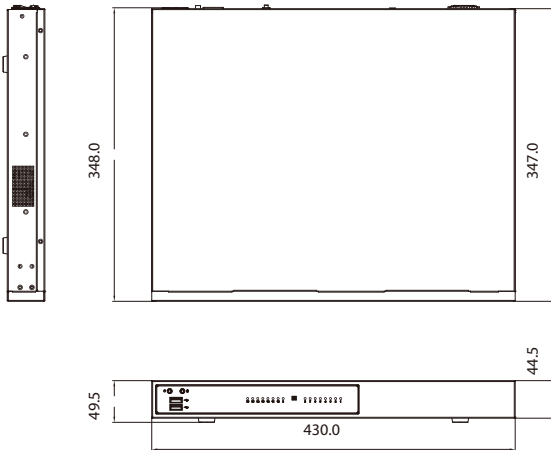
| Software | | | |
|--------------------------------|--|--------------------------------|--|
| IP Camera Support | Yes | Multi-Streaming Support | Yes |
| IP PTZ Support | Yes | Supported Video CODECS | MJPEG, MPEG-4, H.264, H.264+ H.265 |
| IP Protocols | DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE | Video 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 | 3rd Party Integrations | Access Control, Alarm, ATM, POS, Analytics |

Back Plate Image

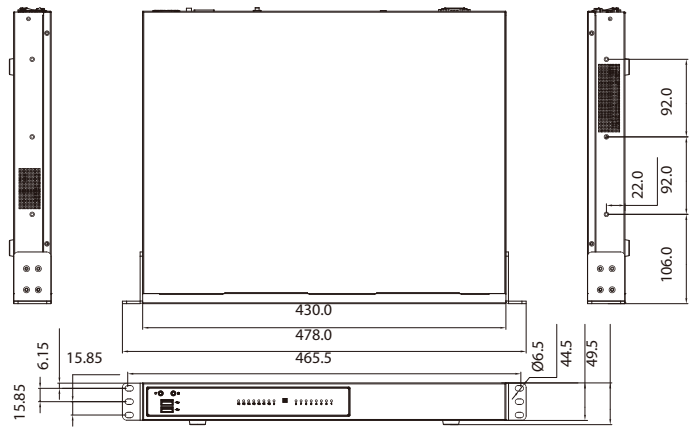


Dimensional Drawing

Desktop



Rackmount



Unit: mm