

VIGIL

Series

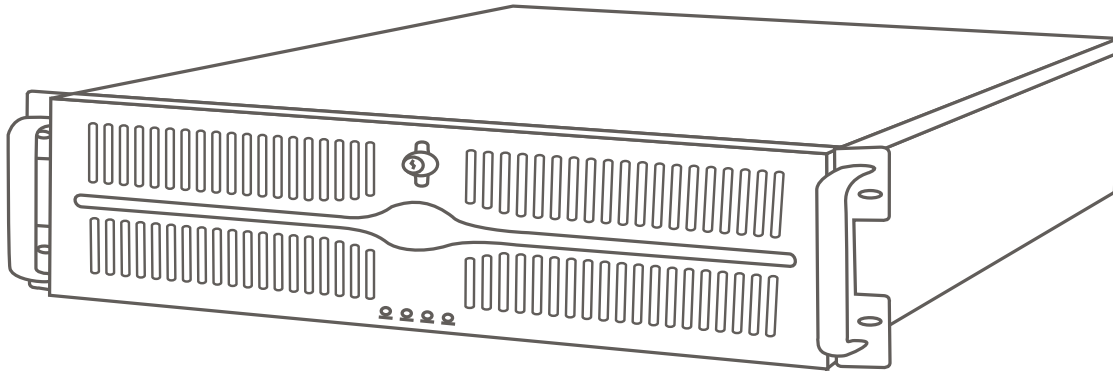
V5300
V7300



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Product Overview

VIGIL™ Network Video Recorders (NVRs) and Hybrid Digital Video Recorders (DVRs) 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.



Grow with Your Customer

3xLOGIC's exclusive Flex-Channel™ licenses provide unrivaled deployment flexibility. Flex-Channel™ licenses are able to be used as either analog or IP camera licenses without any hassle. As analog cameras fail or a customer chooses to upgrade to high resolution IP cameras, simply unplug the analog camera to free up the license and add in the new IP camera without changing any registration or adding cost to get a new license.

Your Video - Anytime, Anywhere

VIGIL's exclusive AZTECH video compression codec and revolutionary RapidStream™ technology enable users to remotely stream live and playback video with minimal impact on network bandwidth resources. RapidStream can be used through the powerful VIGIL Client or through any of the 3xLOGIC mobile apps to give you your video anytime, anywhere.

Full Business Solution

3xLOGIC offers integration with a wide variety of disparate systems including Point-of-Sale, ATM, access control, alarm initiators, edge-based analytics, and audio devices. All data can be associated with video and provide remote notification of any type of event. Additionally, advanced reporting provides unparalleled insight into your business.

Enterprise Functionality

All 3xLOGIC recording appliances come with full access to the VIGIL Software Suite. With VIGIL Server at the core and cloud-based VIGIL Connect Relay Server, video can be accessed easily from anywhere without advanced network configuration. VIGIL Client offers many advanced search features like motion-based Smart Search and time-lapsing thumbnail search, making investigations quicker and easier. Additional packages can be unlocked for advanced features like data integrations, video wall support, and centralized management and health monitoring.

Key Features

- Highly-efficient, versatile 3U chassis – can be used as a rack-mount or desktop
- Pre-configured with 3xLOGIC’s renowned VIGIL VMS Software
- Dedicated 120GB SSD for optimal performance
- Supports up to 100TB of removeable storage
- Supports up to 32 channels of analog and/or up to 32 IP devices
- Performance delivered by the latest Gen 6 Intel i5/i7 Architecture
- Supports up to 30 frames per second, per camera at 4CIF (704 x 480) recording
- Dual NICs for easy network and IP camera deployment
- 4 x RS-232 serial ports for external communications (Optional)
- CD-R/DVD-R and front USB ports for easy event export *

Configuration Options

| SERIES NAMES | PROCESSOR OPTIONS | CHASSIS | HYBRID/FLEX CHANNELS AVAILABLE | IP CHANNELS AVAILABLE | BASE STORAGE | -HD8 STORAGE CAPACITY | -HD10 STORAGE CAPACITY |
|--------------|---------------------|------------------|--------------------------------|-----------------------|--------------|-----------------------|------------------------|
| V5300 | Gen 6 Intel Core i5 | 3U (20" deep) | 0 | Up to 32 | Up to 50 TB | Up to 80 TB | Up to 100 TB |
| V5308 | | | 8 | Up to 24 | Up to 50 TB | Up to 80 TB | Up to 100 TB |
| V5316 | | | 16 | Up to 16 | Up to 50 TB | Up to 80 TB | Up to 100 TB |
| V5332 | | | 32 | 0 | Up to 50 TB | Up to 80 TB | - |
| V7300 | Gen 6 Intel Core i7 | 3U (20" deep) | 0 | Up to 32 | Up to 50 TB | Up to 80 TB | Up to 100 TB |
| V7308 | | | 8 | Up to 24 | Up to 50 TB | Up to 80 TB | Up to 100 TB |
| V7316 | | | 16 | Up to 16 | Up to 50 TB | Up to 80 TB | Up to 100 TB |
| V7332 | | | 32 | 0 | Up to 50 TB | Up to 80 TB | - |

Storage Available in 4TB or 10TB per Bay (5, 8, or 10 bays available)

* Storage greater than 80TB requires the removal of the CD/DVD drive as a purchase option.

**For units requiring 6-8 hard drives (51-80TB), add “-HD8” to the part number; for units requiring 9-10 hard drives (81-100TB), add “-HD10” i.e. V5332-HD8 or V7300-HD10.

NOTE: Use of more than 8 drives in the V5332 and V7332 is not supported.

SERVER

| | |
|---------------------|-------------------------------------|
| CPU: | Gen 6 Intel Core i5 & i7 |
| RAM: | 8GB |
| NIC: | 2x 1Gbps |
| USB: | 2 Front USB 2.0; 4 Rear - 2x USB3.0 |
| DVD/CD: | Included |
| Serial Port: | 4-port (Add-On) |
| Keyboard and Mouse: | Included |

ANALOG CAMERA SUPPORT

| | |
|------------------------------|--|
| Analog Camera Inputs: | Up to 32 BNC inputs (1.0Vp-p, 75Ω) |
| Video Standard: | PAL/NTSC adaptive |
| Analog Recording Resolution: | Up to 4CIF (704 x 480) |
| Video Compression: | H.264, MPEG-4/part 10 |
| Max. Images per Second: | 30FPS/channel @ 4CIF (live and playback) |

IP CAMERA SUPPORT

| | |
|--------------------------|--|
| Camera Inputs: | Up to 32 channels |
| Multi-streaming Support: | Yes |
| Video Codec Supported: | MJPEG, MPEG-4, H.264, H.264+ H.265 |
| IP PTZ Support: | Yes |
| IP Protocols: | ONVIF, TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE |

AUDIO SUPPORT

| | |
|---------------------------|--|
| Analog Audio Inputs: | Equal to analog video inputs |
| Audio Input Interface: | BNC (2Vp-p, 1kΩ, volume adjusting range: 83DB) |
| Audio Output Interface: | BNC |
| Audio Compression: | OggVorbis |
| Audio Recording Bit Rate: | 16Kbps |
| IP Camera Audio Support: | Yes |

RECORDING MODES

Motion, Alarm, Audio, Analytics

MONITOR OUTPUTS

VGA, DVI-I, HDMI connectors

PRE-LOADED SOFTWARE

| | |
|-------------------|---|
| Video Management: | VIGIL Video Management Systems (VMS) Software |
| Software Version: | Supports VIGIL Version 7.5 and above |
| Operating System: | Microsoft Windows Embedded Standard 10 |

*Storage greater than 80TB requires the removal of the CD/DVD drive as a purchase option.

THIRD-PARTY INTEGRATION

Access Control, Alarm, ATM, POS, Time/Attendance available

STORAGE

| | |
|-----------------------|--------------|
| Storage Capacity: | Up to 100TB* |
| Drive Type: | SATA HDD |
| Hot-swappable Drives: | Yes |
| Physical OS Drive: | 120GB SSD |

ENVIRONMENTAL

| | |
|------------------------|--|
| Operating Temperature: | 40° to 95° Fahrenheit / 4.5° to 35° Celsius |
| Storage Temperature: | 14° to 140° Fahrenheit / -10° to 60° Celsius |

WARRANTY

| | |
|--------------------|---------|
| Hardware Warranty: | 3 years |
| Software Warranty: | 3 years |

ELECTRICAL

| | |
|--------------------|--------------------------|
| Voltage: | 110VAC/60Hz; 220VAC/50Hz |
| Power Requirement: | 500W Max |

PHYSICAL

| | |
|---------------------|------------------------|
| Weight (lbs/kg): | 17.0 lbs / 7.7 kg |
| Dimensions: | |
| Width (inches/cm): | 16.625 in. / 42.23 cm. |
| Height (inches/cm): | 5.25 in. / 13.34 cm. |
| Depth (inches/cm): | 20 in. / 50.8 cm. |

