

3xLOGIC



VIGIL V5300-V7300 Series NVR

Product Summary and Specifications

Simple. Scalable. Secure.

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, HD 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.

V5300-V7300 License Matrix

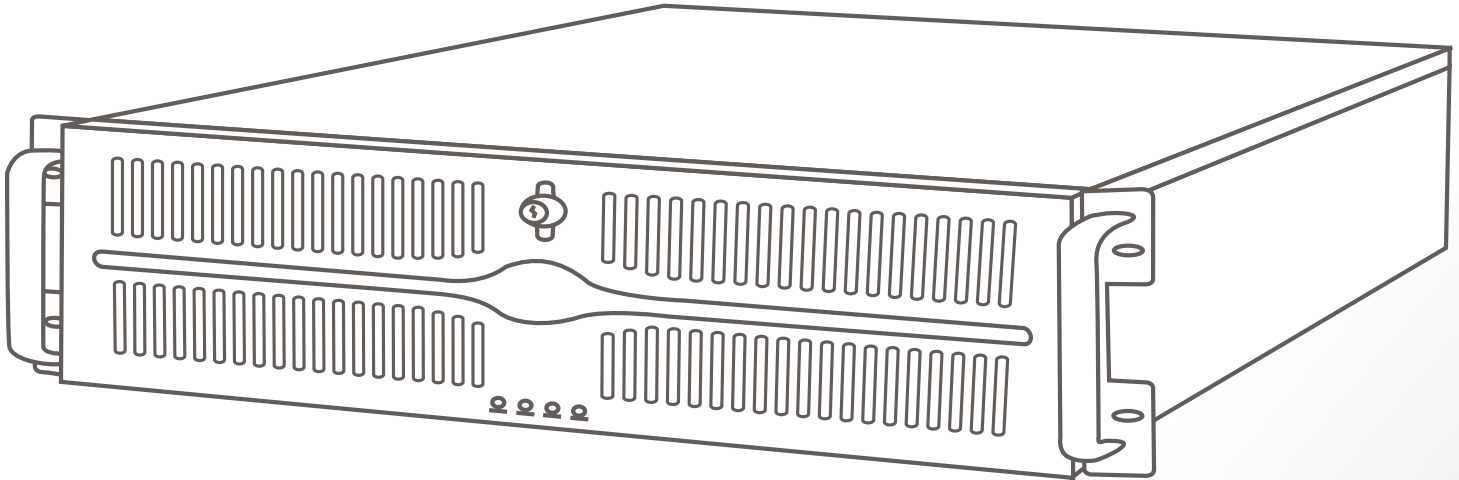
Series Names	Processor Options	Chassis	Hybrid/Flex Channels Available	IP Channels Available	Base Storage	HD8 Storage Capacity	HD10 Storage Capacity
V5300	Gen 6 Intel Core i5	3U (20" deep)	0	Up to 32	Up to 60 TB	Up to 96 TB	Up to 120 TB
V5316	Gen 6 Intel Core i5	3U (20" deep)	16	Up to 16	Up to 60 TB	Up to 96 TB	Up to 120 TB
V5316-HD	Gen 6 Intel Core i5	3U (20" deep)	16	Up to 16	Up to 60 TB	Up to 96 TB	Up to 120 TB
V5332	Gen 6 Intel Core i5	3U (20" deep)	32	0	Up to 60 TB	Up to 96 TB	-
V5332-HD	Gen 6 Intel Core i5	3U (20" deep)	32	0	Up to 60 TB	Up to 96 TB	-
V7300	Gen 6 Intel Core i7	3U (20" deep)	0	Up to 64	Up to 60 TB	Up to 96 TB	Up to 120 TB
V7316	Gen 6 Intel Core i7	3U (20" deep)	16	Up to 48	Up to 60 TB	Up to 96 TB	Up to 120 TB
V7316-HD	Gen 6 Intel Core i7	3U (20" deep)	16	Up to 48	Up to 60 TB	Up to 96 TB	Up to 120 TB
V7332	Gen 6 Intel Core i7	3U (20" deep)	32	Up to 32	Up to 60 TB	Up to 96 TB	-
V7332-HD	Gen 6 Intel Core i7	3U (20" deep)	32	Up to 32	Up to 60 TB	Up to 96 TB	-

Storage available in 4 TB or 12TB per Bay (5, 8, or 10 bays available).

**For units requiring 6-8 hard drives (60-96TB), add "-HD8" to the part number; for units requiring 9-10 hard drives (108-120TB), add "-HD10" i.e. V5332-HD8 or V7300-HD10.

*HD Analog models support both standard and HD Analog.

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



Key Features

- Rackmount or Desktop
- Pre-Configured with VIGIL VMS Software
- Dedicated 120GB SSD
- Supports Up to 120TB of Removable Storage
- Gen 6 Intel i5/i7 Architecture
- Supports Up to 32 Channels of Analog, HD Analog or Both
- 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 Communication (Optional)

Server

CPU:	Gen 6 Intel Core i5 and i7
RAM:	V5300 - 8G (2 x 4GB) V7300 - 16GB (2 x 8GB)
NIC:	2x 1Gbps
USB:	2 Front USB 2.0; 4 Rear - 2x USB 3.0
Serial Port:	4-Port (Add-On)

Analog Camera Support

Analog Camera Inputs:	Up to 32BNC inputs (1.0Vp-p, 75Ω)
Video Standard:	PAL/NTSC adaptive, HD-TVI, HD-CVI-HD-AHD
Analog Recording Resolution:	Up to 4CIF (704 x 480)
Video Compression:	H.264, MPEG-4/part 10
Max. Images per Second:	30FPD/channel @4CIF (live and playback)
HD Analog Recording Resolution:	Max 1080P
HD - Video Compression:	H.264, MJPEG
HD - Max Images per Second:	30FPS

IP Camera Support

Camera Inputs:	Up to 64 channels
Multi-streaming Support:	Yes
Video Codec Supported:	MJPEG-4, H.264, H.264+H.265
IP PTZ Support:	Yes
IP Protocol:	ONVIF, TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE
Max MP Support:	V5300 - 160MP, V7300-320MP

Recording Modes

Motion, Alarm, Audio, Analysis

Monitor Outputs

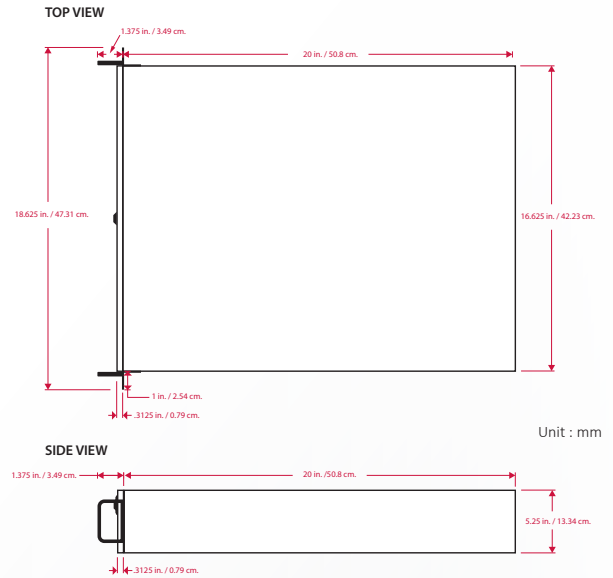
DVI-I, DVI-D, HDMI

Pre-Loaded Software

Video Management:	VIGIL Video Management System (VMS) Software
Software Version:	Supports VIGIL Version 7.5 and above
Operating System:	Windows 10 Enterprise LTSC 2019

Third-Party Integration

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



Storage

Storage Capacity:	Up to 120TB
Drive Type:	SATA HDD
Hot-swappable Drives:	Yes
Physical OS Drive:	128GB 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

Physical

Weight (lbs/kg):	17.0 lbs / 7.7kg
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

Audio Support

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