VIGIL

Series

V5300 V7300
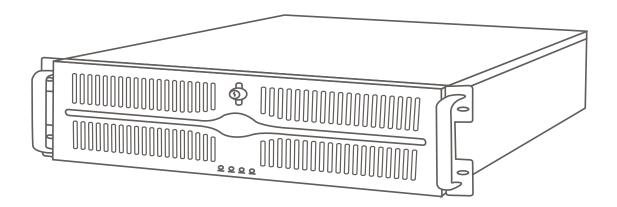
Product Overview

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.

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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.

TOP VIEW

1.375 in. / 3.49 cm.
20 in. / 50.8 cm.
18.625 in. / 47.31 cm.
16.625 in. / 42.23 cm.
1 in. / 2.54 cm.
.3125 in. / 0.79 cm.

SIDE VIEW

1.375 in. / 3.49 cm.
20 in. /50.8 cm.
5.25 in. / 13.34 cm.
.3125 in. / 0.79 cm.

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