3xLOGIC

VIGIL V5000-V7000 Series NVR

Product Summary and Specifications

Simple. Scalable. Secure.

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VIDEO MANAGEMENT | VIGIL

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.

Enterprise Functionality

All 3xLOGIC recording appliances come with full access with full to the VIGIL Software Suite. With VIGIL Server at the core and cloud-based VIGIL Connect Relay Server, video can be accesssed easilty 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.

Series Names	Processor Options	Chassis	Hybrid/Flex Channels Available	IP Channels Available	Storage Options
V5000	Gen 6 Intel Core i5	Compact 2U (11" deep)	0	Up to 32	Up to 36 TB
V5016	Gen 6 Intel Core i5	Compact 2U (11" deep)	16	Up to 16	Up to 36 TB
V5016-HD ***HD analog models support both standard and HD Analog.**	Gen 6 Intel Core i5	Compact 2U (11" deep)	16	Up to 16	Up to 36 TB
V7000	Gen 6 Intel Core i7	Compact 2U (11" deep)	0	Up to 64	Up to 36 TB
V7016	Gen 6 Intel Core i7	Compact 2U (11" deep)	16	Up to 48	Up to 36 TB
V7016-HD *HD analog models support both standard and HD Analog	Gen 6 Intel Core i7	Compact 2U (11" deep)	16	Up to 48	Up to 36 TB

Note- Storage available in 2TB to 12TB per Bay (3 bays available).

Key Features

- Highly Efficient
- Versatile and compact 2U chassis
- Can be used in rack-mount or desktop configurations
- Pre-configured with 3XLOGIC's VIGIL VMS software
- Dedicated 120GB SSD Operating System Drive
- Supports 3 removable drive bays- up to 36TB of storage
- Performance - Gen 6 Intel i5.i7 Architecture
- Dual NICs for easy network and IP camera deployment
- Supports analog recording up to 30 frames per second per camera at 4CIF (704 x 480)
- RS-232 serial port for external communications
- Front USB port for easy event export

Server

CPU:	Gen 6 Intel Core i5 or i7
RAM:	8 GB (2x 4GB) - V5000
	16GB (2x 8GB) - V7000
NIC:	2 X 1GBPS
USB:	1 Front USB 2.0; 6 Rear - 4x USB3.0
Serial Port:	1
Keyboard and Mouse:	Included

Analog Camera Support

Analog Camera Inputs:	Up to 16 BNC inputs (1.0Vp-p, 75Ω)
Video Standards:	PAL/NTSC adaptive, HD-TVI, HD-CVI, HD-AHD
Analog Recoding Resolution:	4CIF (704 X 480)
Video Compression:	H.264, MPEG-4/part 10
Max. Images per Second:	30FPS/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 32 channels
Multi-streaming Support:	Yes
Video Codec Supported:	MJPEG, MPEG-4, H.264, H.264+ H.265
IP PTZ Support:	Yes
IP Protocols:	DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE
Max MP Support:	V5000 - 160MP, V7000-320MP

Audio Support

Analog Audio Inputs:	Equal to anaolg video inputs
	2U - 8CH, 3U - 16CH
Audio Input Interface:	3.5mm Output
Audio Compression:	OggVorbis
Audio Recording Blt Rate:	16Kbps
IP Camera Audio Support:	Yes

Recording Modes

Motion, Alarm, Audio, Analytics

Monitor Outputs

Dual HDMI connectors

Pre-Loaded Software

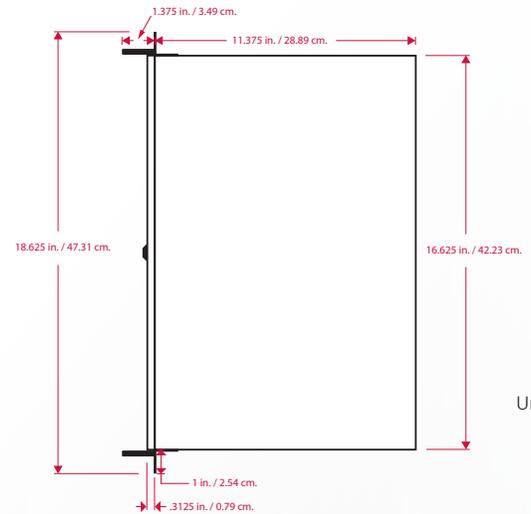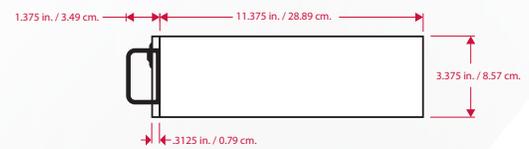|	
Video Management:	VIGIL Video Management Systems (VMS) Software
Software Version:	Supports VIGIL Version 7.5 and above
Operating System:	Windows 10 Enterprise LTSC 2019

Third-Party Integration

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

TOP VIEW

1.375 in. / 3.49 cm.
11.375 in. / 28.89 cm.
18.625 in. / 47.31 cm.
16.625 in. / 42.23 cm.
Unit : mm
1 in. / 2.54 cm.
.3125 in. / 0.79 cm.

SIDE VIEW

1.375 in. / 3.49 cm.
11.375 in. / 28.89 cm.
3.375 in. / 8.57 cm.
.3125 in. / 0.79 cm.

Storage

Storage Capacity:	Up to 36TB
Drive Type:	SATA HDD
Hot-swappable Drives:	Yes, 3 removable storage bays
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

Electrical

Voltage:	115VAC/60Hz; 230VAC/50Hz
Wattage:	300 W

Physical

Weight:	17.0 lbs / 7.7 kg
Width (inches/cm):	16.62 in / 42.23cm
Height (inches/cm):	3.375 in / 8.57 cm
Depth (inches/cm):	11.3 in / 27.92 cm

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