VIGIL Small Form Factor Recorder

NVR-SFF-8CH
Product Summary and Specifications

Simple. Scalable. Secure.

3xLOGIC
VIDEO MANAGEMENT | VIGIL

Technical Overview
VIGIL™ Recording Solutions

**NVR-SFF-8CH
Series Recorder**

Product Overview

VIGIL™ Network Video Recorders (NVRs) are the centerpiece of your security solution. Pre-configured with VIGIL Server Video Management System (VMS) software, this recording appliance is a cost-effective video management platform that is easy to deploy with its small form factor desktop chassis.

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 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.

NVR Name	Processor Options	Chassis	Hybrid/Flex Channels Available	IP Channels Available	Storage Options
NVR-SFF-8CH	Gen 10 Intel i3 (3.6Ghz)	Small Form Factor Desktop	0	Up to 8	18 TB Max (Not Included)
NVR-SFF-8CH-4TB	Gen 10 Intel i3 (3.6Ghz)	Small Form Factor Desktop	0	Up to 8	4 TB

Key Features

- **Highly efficient**
- **Versatile, compact small-form desktop chassis**
- **Configured with 3XLOGIC's VIGIL VMS software**
- **Dual RJ45 10/100/1000 Mbps NICs for easy network and IP camera deployment**
- **Performance - Intel 10th Gen i3 Architecture**
- **RS-232 serial port for external communications**
- **Microsoft Windows Embedded 10 Standard OS**

Server

CPU:	Gen 10 Intei I3 4-Core, 6MB Cache, 3.6GHz
RAM:	16GB
NIC:	2 X 1GBPS
USB:	2 USB 2.0 Type-A ports (front)
	2 USB 2.0 Type-A ports w/ Smart Power (rear)
	4 USB 3.2 Gen 1 Type-A ports (rear)
Serial Port:	1
Keyboard / Mouse	Included

IP Cam Support

Camera Inputs:	Up to 8 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:	64MP

Audio Support

Audio Input Interface:	3.5mm Output
Audio Compression:	OggVorbis
Audio Recording Bit Rate:	16Kbps
IP Audio Support:	Yes

Recording Modes

Motion, Alarm, Audio, Analytics

Monitor Outputs

2 x DisplayPort w/ max resolution of 4096x2304@60Hz
*Support for DisplayPort 1.4 version, HDCP 2.3, and HDR.

NOTE: Monitor should only be utiized for system setup and service / troubleshooting and not continuous live view.

Pre-Loaded Software

Video Management:	VIGIL Video Management Systems (VMS) Software
Software Version:	Supports VIGIL Version 11 and above
Operating System:	Windows 10 Enterprise LTSC 2019

3rd-Party Integration

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

Certifications

CE, FCC, IC, UL,ULC, UKCA

Storage

Storage Capacity:	18TB Max (1x HDD Bay Available)
Drive Type:	SATA HDD
Physical OS Drive:	256GB SSD

Environmental

Operating Temperature:	5°C to 45°C (41°F to 113°F)
Storage Temperature:	-40°C to 70°C (-40°F to 158°F)

Warranty

Hardware Warranty:	3 years
Software Warranty:	3 years

Electrical

Voltage:	90 VAC/47Hz, 264 VAC/63Hz
Wattage:	200 W

Physical

Weight:	8.37lb (3.79 kg)
Width (inches/cm):	3.65 in. (92.60 mm)
Height (inches/cm):	11.42 in. (290.00 mm)
Depth (inches/cm):	11.53 in. (292.80 mm)

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