# VIGIL Small Form Factor Recorder

## NVR-SFF-8CH-4TB
Product Summary and Specifications

**Simple. Scalable. Secure.**

# 3xLOGIC
VIDEO MANAGEMENT | VIGIL

## 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 | 12 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: | 12TB 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

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|---|---|
| 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) |