VIGIL V250 Hybrid
NVR | Rev II

Product Summary and Specifications

Simple. Scalable. Secure.

Product Overview

VIGIL™ V250 Hybrids are fully-integrated intelligent video appliances. Pre-configured with VIGIL Video Management System (VMS) software, this 2U hybrid represents a cost effective video management platform that provides all the key functionality of VIGIL VMS with unrivaled ease of setup.

Single Solution

The V250 design provides all the network components required to deploy your NVR. Not only are alarm, serial, and audio inputs built-in, this hybrid includes 8 embedded PoE ports for your IP devices, as well as 16 analog looping BNCs.

Your Video - Anytime, Anywhere

VIGIL's exclusive MULTIVIEW Technology and its revolutionary RapidStream™ video compression engine, enable users to remotely stream and view high-definition video with minimal impact on network bandwidth. View your video anywhere using our powerful app View Lite II and our VIGIL Connect system for simple connectivity.

Integrates with Your Business

Monitor your business with integration to a wide variety of data sources including Point-of-Sale, ATM, access control, alarms, and audio devices. This data can be tied to video, made searchable, and can generate alarms based on specific criteria.

Extensive Additional Features and Easy Setup

VIGIL™ V250 Series NVRs feature many built-in capabilities. With two-way audio, easy-to-use Smart Search, and seamless integration with VISIX™ V-Series analytic cameras, you have the information you need, at your fingertips.

Setup and Deployment Made Easy

Designed for simple setup, the V250 Series includes our Easy Setup Wizard to allow those with no IP video experience to set up their NVR and start recording and viewing video. The wizard provides plug-and-play capability with VISIX™ and ONVIF-S cameras for easy deployment. The V250 also includes VIGIL Connect and our easy-to-use QR code for easy setup and remote viewing.

Part Numbers	
V250-8A16-2TB-02	V250 Hybrid, 16-channel analog, 8-port embedded PoE, 2TB
Optional Components	
VGL-SW-SVR-POS	VIGIL Server POS License, single (1) server, multi point-of-sale terminals
VGL-SW-SVR-PANA	VIGIL Server 360 Dewarping License, single (1) camera.
VH-2TB	2TB Hard Drive (Additional hard drive; 4TB total)
VH-4TB	4TB Hard Drive (Additional hard drive; 6TB total)
VH-12TB	12TB Hard Drive (Additional hard drive; 14TB total)

Key Features

- **Hybrid: 24 Total Channel NVR: 16-Channel Analog, 8-port Embedded PoE**
- **2U Chassis- Uses as Rackmount or Desktop System**
- **Pre-configured with VIGIL™ (VMS) Software**
- **MS Windows Embedded 10 Standard OS**

- **2TB (Able to Add 1 Extra Hard Drive)**
- **8GB Ram**
- **5 x USB Ports (2x USB 3.0, 3x USB 2.0)**
- **8 x 10M / 100Mbps PoE Ports for Network**

- **1 x 10M / 100M / 1000Mbps NIC for Easy Network Deployment**
- **4 Alarm In / 2 Alarm Out**
- **5 x USB Ports (2x USB 3.0, 3x USB 2.0)**

Server

Memory:	8GB
Keyboard and Mouse:	Included
CPU:	Intel Celeron @2.3 GHz

Storage

Storage Capacity:	2TB Standard; Upgradeable to 24TB
Drive Type:	3.5" SATA HDD
Hard Drive Weight:	2TB: 1.35 lbs (612.35 g)
	4TB: 1.5 lbs (680.39 g)
	12TB: 1.46lbs (0.66 g)

IP Camera Support

Camera Inputs:	24 total channels*
	8 channels IP*
	16 channels analog*
Max MP Support:	48MP

Audio Support

Audio In:	1, 1/8" audio jack in
Audio Out:	1, 1/8" audio jack out,
	1, S/PDIF audio optical jack out

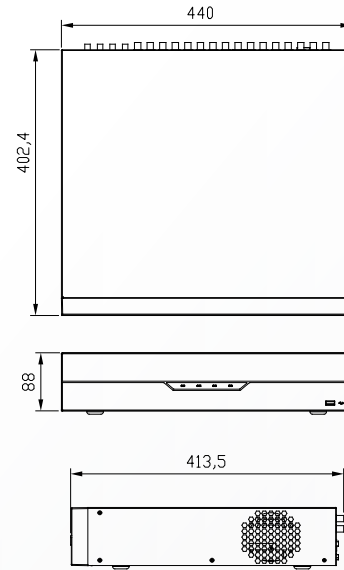## External Interface

Network Interface:	1, RJ45 10M/100M/1000Mbps self adaptive ethernet interface
Camera Interface:	8, RJ45 10M/100Mbps self adaptive ethernet interface, support PoE power supply3, USB 2.0
USB Interface:	3, USB 2.0
	2, USB 3.0
Alarm Interface:	4, Alarm Input
	2, Alarm Output

Monitor Outputs

Video Output:	1, HDMI (1920x1080)
	1 DVI (1920x1080)
	1, VGA (1920x1080)
	Cannot Operate Mulitple Video Outputs Simultaneously
	*Realtime display on the monitor connected to the recorder may be throttled in multi-camera view.

Pre-Loaded Software

Video Management:	VIGIL Video Management System (VMS) Software
Operating System:	Microsoft Windows 10 Embedded

440

402,4

88

Unit : mm

413,5

Environmental

Operating Temperature:	32° to 113° Fahrenheit / 0° to 45° Celsius

Warranty

Hardware Warranty:	3 years
Software Subscription:	3 years (included)

Electrical

Voltage:	100V-240V, 6A, 50HZ-60HZ
Power Rating:	250W Max
PoE Power:	Max. 13W per channel

Physical

Weight Excluding Hard Drives (lbs/kg):	7kg
Dimensions:	2U
D x W x H	440mm x 402.5mm x 88mm

Certifications

CE, FCC, UL/UL Canada

3xLOGIC