VIGIL V250 Series NVR Rev III

3xLOGIC

Product Overview

VIGIL™ V250 Series Network Video Recorders (NVR) are fully-integrated intelligent video appliances. Pre-configured with VIGIL Video Management System (VMS) software, these 1U NVRs represent a cost-effective video management platform that provides all the key functionality of VIGIL VMS with unrivaled ease of setup.

V250-8-2TB Pictured Above

Single Solution

The V250 design provides all the network components required to deploy your VMS. Not only are alarm, serial, and audio inputs built-in, this series includes 4,8 or 16 emedded PoE ports for your IP devices.

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.

Integrates with Your Business

Monitor your business with an 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 generate alarms based on specific criteria.

Extensive Additional Features

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

Setup and Deployment Made Easy

Designed for simple setup, the V250 Series includes a setup wizard to allow those with no IP video experience to set up their DVR and start recording and viewing video. The wizard also 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 of remote viewing.

3xLOGIC Support Environment

A USB drive containing the 3xLOGIC Support Environment is connected within the V250 chassis. Accessing the environment is as easy as booting to the recovery drive. The Support Environment allows for Windows images to be taken or applied as well as providing access to multiple diagnostic and support tools to help users or 3xLOGIC support troubleshoot any possible issues with the NVR.

Key Features

- Highly-efficient, versatile 1U chassis – can be used as a rack-mount or desktop

- Pre-configured with 3xLOGIC's renowned VIGIL™ (VMS) Software

- 20 TB Storage Max for V250-16. 14 TB Storage Max for V250-8-4TB. 12 TB Storage Max for V250-8-2TB and V250-4-2TB. Approx. 1 GB storage required for OS installation for all models.

- Microsoft Windows Embedded 10 Standard Operating System

- 2 x dedicated RJ45 10M / 100M / 1000 Mbps NIC for easy network deployment

- 4/8/16 x dedicated RJ45 10M / 100Mbps PoE ports for network IP devices

- 1 x RS-232 serial port for external communications

- 2 x 2.0 USB ports

- 2 x 3.0 USB port

- 4 - Alarm In / 2 - Alarm Out

- HDMI and VGA Video Output

Part Numbers

MODEL	DESCRIPTION
V250-4-2TB	V250 Series appliance with 2TB video storage, 4 port PoE switch built-in and 4 IP camera licenses
V250-8-2TB	V250 Series appliance with 2TB video storage, 8 port PoE switch built-in and 8 IP camera licenses
V250-8-4TB	V250 Series appliance with 4TB video storage, 8 port PoE switch built-in and 8 IP camera licenses
V250-16	V250 Series Appliance (no HDD included), 16 port PoE swich built-in and 16 IP camera licenses

Optional Components

Part Number	DESCRIPTION
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. This license is required for any non-3xLOGIC brand 360 cameras.

SERVER

Memory:	**V250-4-2TB:** 4GB
	V250-8-2TB: 4GB
	V250-8-4TB: 4GB
	V250-16: 4GB
Video Output:	1, HDMI (1920x1080)
	1, VGA (1920x1080)
Keyboard and Mouse:	Included
CPU:	Intel Celeron @2.3 GHz

STORAGE

Storage Capacity:	**V250-4-2TB:** 2TB (12TB Max*)
	V250-8-2TB: 2TB (12TB Max*)
	V250-8-4TB: 4TB (14TB Max*)
	V250-16: No HDD Included (20TB Max*)
Drive Type:	3.5" SATA HDD
Hard Drive Weight:	**2TB:** 1.32lbs / 0.60kg **4TB:** 1.39lbs / 0.63kg
	10TB: 1.43lbs / 0.65kg

*HDD Purchase Required. Contact Sales for details.

IP CAMERA SUPPORT

Camera Inputs:	**V250-4:** 4 channels
	V250-8: 8 channels
	V250-16: 16 Channels

AUDIO SUPPORT

Audio in/out:	1, 1/8" audio jack in
	1, 1/8" audio jack out

EXTERNAL INTERFACE

Network Interface:	2, RJ45 10M/100M/1000Mbps self adaptive ethernet interface
Camera Interface:	x4/8/16 (dependant on model) RJ45 10M/100Mbps self adaptive ethernet interface, support PoE power supply
USB Interface:	2, USB 2.0
	2, USB 3.0
Serial Interface:	1, RS-232
Alarm Interface:	4, Alarm Input
	2, Alarm Output

MONITOR OUTPUTS

1 HDMI, 1 VGA

PRE-LOADED SOFTWARE

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

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, 50/60HZ
Power Rating:	250 W Max

PHYSICAL

Weight Excluding Hard Drives (lbs/kg):	**V250-16:** 11.2lb / 5.1kg
	V250-4/8: 9.7lb / 4.4kg
Dimensions:	1U
	Width (inches/cm): 17.323 in. / 440 mm*
	Depth (inches/cm): 13.583 in. / 348.8 mm
	Height (inches/cm): 1.75 in. / 44.5 mm

*Without rack mount ears.

TOP

18.976 in / 482 mm
17.323 in / 440 mm
13.583 in / 348.8 mm

FRONT/BACK

1.75 in / 44.5 mm
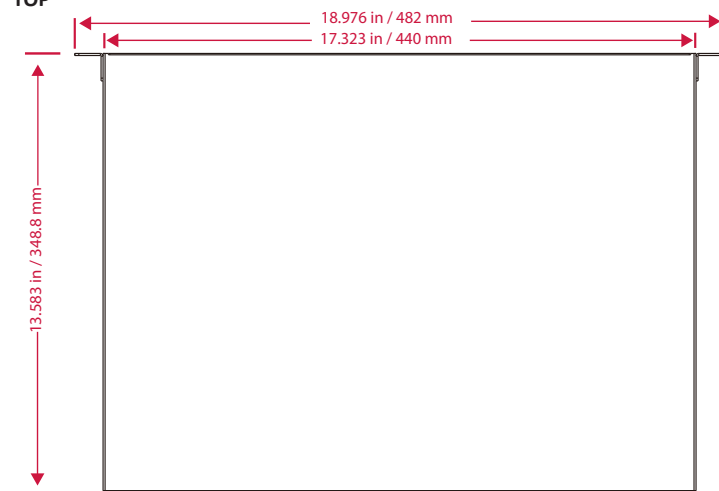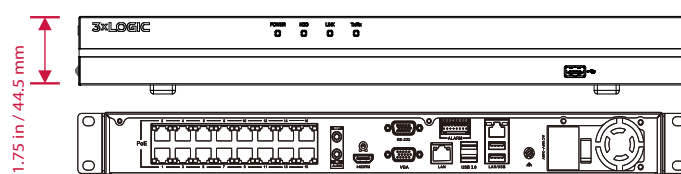
Depicted above is the V250-16 back panel. Appearence will vary for other models.

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