

VIGIL V250-16 NVR



Product Overview

The VIGIL™ V250-16 Network Video Recorder (NVR) is a fully-integrated intelligent video appliance. Pre-configured with VIGIL Video Management System (VMS) software, this 1U NVR represents a cost-effective video management platform that provides all the key functionality of VIGIL VMS with unrivaled ease of setup with 16 dedicated PoE ports for your IP devices.



Single Solution

The V250 design provides built-in alarm, serial, and audio inputs as well as 16 embedded PoE ports for network VMS and IP device deployment.

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™ V250-16 NVR features many built-in capabilities. With two-way audio, easy-to-use Smart Search, and seamless integration with 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 V250-16 includes a setup wizard to allow those with no IP video experience to set up their NVR and start recording and viewing video. The wizard also provides plug-and-play capability with VISIX™ and ONVIF-S cameras for easy deployment. The V250-16 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 has been connected within the V250-16 chassis. Accessing the environment is as easy as booting to the 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 (2x 10TB) Storage Max for V250-16. eMMC drive included for OS installation.
- Microsoft Windows Embedded 10 Standard Operating System
- 2 x dedicated RJ45 10M / 100M / 1000 Mbps NIC for easy network deployment
- 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
V250-16	V250 Series Appliance (no HDD included), 16 port PoE switch 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-3xLOG-IC brand 360 cameras.

SERVER

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

STORAGE

Storage Capacity:	V250-16: No HDD Included (20TB Max*). Separate eMMC drive included for OS installation.	
Drive Type:	3.5" SATA HDD	
Hard Drive Weight:	2TB: 1.32lbs / 0.60kg	4TB: 1.39lbs / 0.63kg
	8TB: 1.43lbs/ 0.65kg	10TB: 1.43lbs / 0.65kg

*Separate HDD Purchase Required. Contact Sales for details.

IP CAMERA SUPPORT

Camera Inputs:	V250-16: 16 Channels
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AUDIO SUPPORT

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

Network Interface:	2, RJ45 10M/100M/1000Mbps self adaptive ethernet interface
Camera Interface:	x16 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
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WARRANTY

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

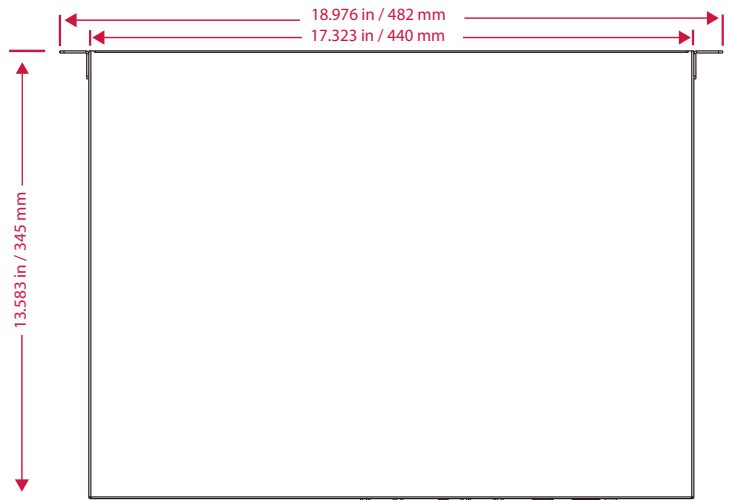
ELECTRICAL

Voltage:	100V~240V, 50/60HZ
Power Rating:	250 W Max

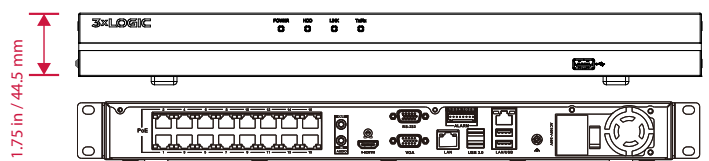
PHYSICAL

Weight Excluding Hard Drives (lbs/kg):	9.30lbs / 4.22kg
Dimensions:	1U
Width (inches/cm):	17.323 in. / 440 mm
Depth (inches/cm):	13.583 in. / 345 mm
Height (inches/cm):	1.75 in. / 44.5 mm

TOP



FRONT/BACK



Depicted above is the V250-16 back panel. Appearance will vary for other models.