

3xLOGIC



VIGIL V250 Series NVR | Rev IV

Product Summary and Specifications

Simple. Secure. Scalable.

VIGIL™ V250 Series NVR Rev IV

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.



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 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 and Easy Setup

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. Also 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, with support for VIGIL Connect for easy access.

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.

Part Numbers

V250-8-2TB-02	V250 Series appliance with 2TB video storage , 8 port PoE switch built-in and 8 IP camera license
V250-8-4TB-02	V250 Series appliance with 4TB video storage, 8 port PoE switch built-in and 8 IP camera license
V250-16-02	V250 Series Appliance (no HDD included), 16 port PoE switch built-in and 16 IP camera license

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

Key Features

- Rackmount or desktop
- Pre-configured with VIGIL VMS Software
- MS Windows Embedded 10 Standard OS
- 8GB Ram
- 8 / 16 X dedicated RJ45 10 M / 100 Mbps PoE ports for Network IP devices
- 2x dedicated RJ45 10M / 100M/ 1000Mbps NIC
- 4 Alarm In, 2 Alarm Out
- 1x RS -232 serial port
- 2 x 2.0 USB port
- 2 x 3.0 USB port
- HDMI Video Output
- VGA Video Output

Server

Memory: V250-8-2TB: 8GB, V250-16: 8GB
 Video Output: 1, HDMI (1920X1080)
 1, VGA (1920X1080)
 Keyboard and Mouse: Included
 CPU: Intel Celeron @2.3 GHz

Storage

Storage Capacity: V250-8-2TB: 2TB (14TB Max), V250-8-4TB (16TB Max*),
 V250-16: No HDD Included (24TB Max)
 Drive Type: 3.5" SATA HDD
 Hard Drive Weight: 2TB: 1.32LB / 0.6kg, 4TB: 1.39LB / 0.63kg, 10TB: 1.43LB / 0.65kg,
 12TB: 1.46LB / 0.66kg

IP Camera Support

Camera Inputs: V250-8: 8 channels
 V250-16: 16 channels
 Max MP Support: 64MP

Audio Support

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

External Interface

Network Interface: 2, RJ45 10M/100M/1000Mbps self adaptive ethernet interface
 Camera Interface: 8/16 (dependant on model) RJ45 10M/100Mbps self adaptive ethernet
 USB Interface: 3, 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, 1 DVI-D

Pre-Loaded Software

Video Management: VIGIL Video Management System (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 / 5.0kg,
 V250-8: 9.7lb / 5.0g
 Dimensions: 1U
 Width (inches/cm): 17.323 in. / 440mm*
 Depth (inches/cm): 13.583 in. / 346.5 mm
 Height (inches/cm): 1.75 in. / 45 mm

*Without rack mount ears.

Part Numbers

Model:	Description:
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V250-16-02:	V250 Series Appliance (no HDD included), 16 port PoE switch built-in and 16 IP camera license

Optional Components

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Certifications