



VideoX[®] V4 R4VE NVR



Value Enterprise Server

- Windows Server 2022 Wkgrp
- HW RAID 5, up to 96TBs
- N+1 hot-swap power, cooling & drives
- 600 Mbs throughput
- 1U Rack mount



VideoX Professional Features



Flexible & scalable Tier-1 Enterprise Storage

Flexible configurations for security teams to cost-effectively scale up petabytes in tier 1 storage capacity and tailor it to their unique retention requirements. VideoX NVRs feature enterprise class HDDs & SSDs for tier-1 availability & performance.



Lower Deployment Costs & VMS preloaded

Comes preloaded with your chosen VMS software for secure network video recording and management of IP cameras up to 61 MP resolution. Quick 15 Minute installation.



High Data Availability

Ultra reliable storage with RAID-configured redundancy offers a highly available and resilient system that protects your data. The VideoX R4VE models include enterprise hard drives with RAID 5 redundancy to tolerate hard drive failures.



Strengthen Cybersecurity

Designed with cybersecurity in mind, VideoX comes with a TPM 2.0 module built-in to support hardware Root of Trust authentication and data encryption. All VideoX are fully NDAA Compliant & available with optional TAA + FIPS2-140 encryption.

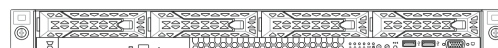


Advanced Support

3 Years, Next Business Day, Advanced Parts Replacement warranty ensures uptime continuity. Secure remote management & advanced support delivers rapid response & uptime. Available 5 year warranty extension delivers additional support if needed.

Key Attributes

- Windows Server 2022 Workgroup IoT
- Hardware accelerated analytics
- 1U Rack mount form factor
- Up to 96TB capacity
- Dedicated Enterprise OS SSD
- Single drive failure protection
- Battery Backed Cache
- 2x 1Gb Ethernet
- Remote management
- Optional Nvidia GPU



Recommended Usage

- 25-50 Cameras per server (based on: 4MP, 15FPS, 4Mbs video, w/ video motion detection)
- Recorder & management server all-in one
- Or dedicated recorder in larger install with separate management servers
- Client View application on server not recommended (run on client view workstation)

For more information visit: Arxys.com/videox-appliances

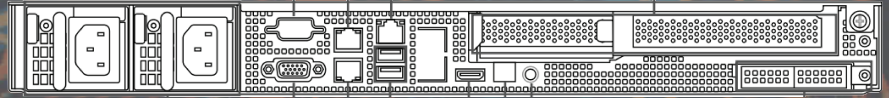
Arxys | 1810 Gillespie Way Suite 108, El Cajon, CA 92020 | 619.258.7800 | info@Arxys.com | www.Arxys.com.

VMS licensing and support is not included and is provided by the security partner or customer. rev:

VideoX[®]

V4 R4VE NVR

Value Enterprise Server for Video Surveillance



Hardware Information

Form Factor

Standard 19" Rackmount w/ Slide Rails 1U height

CPU

Intel® Xeon E™ Gen4 5.0 Ghz w/ OS & Boot Guard
6 Core /12 Thread 18M cache

RAM

32GB ECC DDR5 Dual Channel

OS

Microsoft Server 2022 Workgroup IoT

VMS/OS Drive

Dedicated 480GB Enterprise 3D TLC Flash SSD NVMe
Dedicated for OS/VMS.

Hard Drives

4x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5M
MTBF. 600k Duty Cycle, Certified 24/7 Operation, Hot-swap

Storage Capacities

Up to 88TB raw capacity

RAID

Hardware RAID 5 Single Fault Tolerance w/ HW XOR
Engine. And battery backed cache

Network

2x Intel Enterprise 1Gb Eth RJ45 ports + 1Gb IPMI
(2x 10Gb SFP+ upgrade available)

Display Ports

HDMI, DP, VGA

Credential & Key Encryption

TCG 2.0 Encryption, AES 256, TPM module optional

Redundant power

800W Dual Redundant hot swap

Remote Management

Out of Band (OOB) Remote Management including: IPMI
System Management, KVM Console Redirection

*Windows Server IoT for Storage Workgroup EULA and Microsoft Conditions
should be respected at all times by the end user.*

General Information

Power Specifications

800W 1+1 redundant PSU -
AC Input: 100-240V~/10-5A, 50-60Hz
DC Input: 240Vdc/ 4A

Max Power Consumption

800W up to 80% efficient (Platinum) hot-plug redundant

Cooling

4 x 40x40x56mm (29,700rpm)
2 x 40x40x56mm (32,000rpm) all 6- hot swap

Dimensions

710mm (depth) x 438mm (width) x 44mm (height)

Weight

Ship WeightW/ 4x HDDs = 27k/45lbs

Warranty

3 Years Advanced Warranty with NBD Advanced Parts
Replacement of Field Replaceable Units (FRUs).
5 year extended warranty available.

Environmental Information

This unit is intended for stationary server room and office
use, according to the conditions stated below.

Operating Temperatures

10- 30 C / 41 - 86 F

Storage Temperatures

-40 - 65 C / -40 - 149 F

Humidity

10 – 80% relative humidity (non-condensing)

Regulatory Information

Safety & Emission Standards

CE (class A), UKCA, FCC, RCM, UL.

Trade Compliance

NDAA Compliant, no disclosures

A Microsoft Windows license is included with all systems. Systems ship with Microsoft Windows operating systems pre installed without media, but not setup which is the responsibility of the installer. Video management software & other application installers are included but NOT installed, on the OS drives. Installation, and configuration of the video management software and any other application to be performed by installer/integrator or end user. The installer of the system must install the appropriate VMS version, do all configuration and setup of users and cameras, databases etc. Latest Milestone & Avigilon best practice is to use SQL Standard on all installations over 300 cameras. SQL Standard is optional and not included with Milestone, Avigilon or any other VMS.

For more information visit: Arxys.com/videox-appliances

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