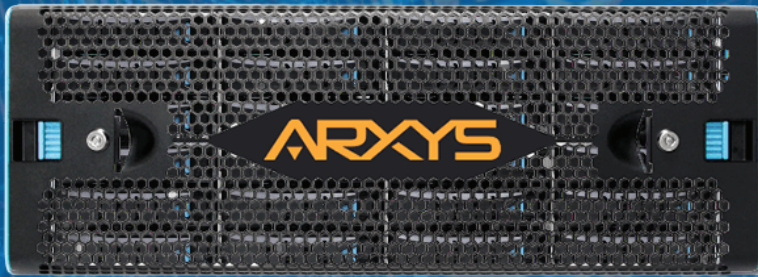




VideoX[®] V5 V800



V5 Video Server

- Windows Server
- RAID 60, up to 864TBs
- N+1 hot-swap power, cooling & drives
- 4,000 Mbs throughput
- 36 Bay 4U Rack w/ Rails



VideoX Enterprise 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 - Hardware Accelerated H.265

V5 VideoX micro-architecture acceleration delivers up to 2.3x H.265 stream processing per server, providing 30–50% storage and bandwidth savings versus H.264. Integrators can reduce server counts, increase camera density, and extend retention—without increasing the budget.



High Data Availability

Ultra reliable storage with RAID-configured redundancy offers a highly available and resilient system that protects your data. All VideoX Enterprise models include enterprise hard drives with RAID 6/60 redundancy to tolerate up to 6 hard drive failures depending on model and configuration.



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.

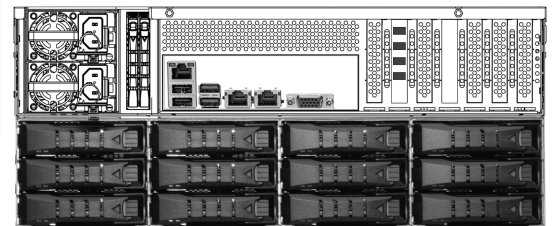


Advanced Support

5 Years, Next Business Day, Advanced Parts Replacement warranty ensures uptime continuity. Secure remote management & advanced support delivers rapid response & uptime.

Key Attributes

- Windows Server 2022 or 2025
- AMD EPYC 9005 Zen5 CPU
- 32GB RAM Registered ECC
- 4U Rack mount form factor
- 36x Enterprise 24/7 HDDs
- Mirrored, hot-swap OS SSDs
- 2-6 drive failure protection
- Quad 10Gb Ethernet
- Remote management
- TCG 2.0 Cybersecurity w/ TPM



Recommended Usage

- Designed for campus-wide deployments with centralized management, this solution delivers critical protection, high performance, and top-tier security. It supports high camera density with exceptional reliability, for robust, scalable surveillance across large environments.
- Client View application on server not supported (requires dedicated client view workstation)



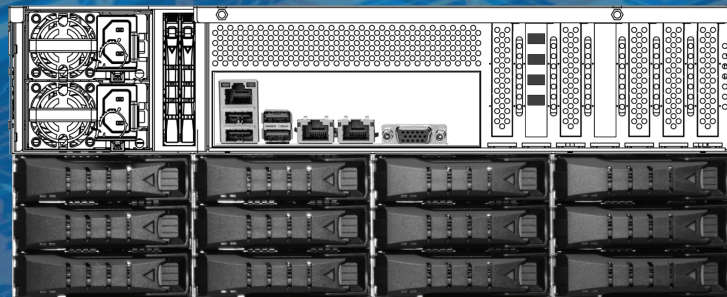
For more information visit: Arxys.com/videox-appliances

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: 10/01/2025



VideoX[®] V5

V800 36 Bay



Enterprise Server for Video Surveillance & Video Analytics

Hardware Information

CPU

5th Generation Zen5 AMD EPYC™ 9135 4.3Ghz CPU
Max All Core Turbo 4.3 Ghz , 16 Core / 32 Thread 64M cache, 200W TDP

Hardware Acceleration

Chiplet microarchitecture, AMD Infinity Architecture, AMD Infinity Guard, Per core CAE|CFD|FEA, CXL 2.0, AI & Analytics acceleration: Native 512-bit data paths in the core, instruction pipeline optimizations, and additional integer and floating-point units boost h.265 math.

RAM

32GB ECC Registered DDR5 (minimum)

OS

Microsoft Windows Server Standard 2022 or 2025 (LTSC)

VMS/OS Drive

Mirrored 480GB Enterprise 3D TLC Flash SSD
Dedicated for OS/VMS, Hot-swap

Hard Drives

Up to 36x Enterprise Class 7200 RPM, 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation, tool-less Hot-swap

Storage Capacities

Up to 864TB raw capacity

RAID

Hardware RAID 6 Double Fault Tolerance w/ HW XOR Engine, CacheVault protection, patrol read repairs

Network

4x (Four) Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI
(2x 10Gb SFP+ or 2x 25Gb SFP28 upgrade available)

Display Ports

VGA (Client View applications not supported on server)

Credential & Key Encryption

AMD Secure Encrypted Virtualization (SEV) · AMD Secure Memory Encryption (SME) · Cryptographically signed firmware · Data at Rest Encryption (SEDs with local or external key mgmt) · Secure Boot · Secured Component Verification (Hardware integrity check) · Secure Erase · Silicon Root of Trust · System Lockdown · TPM 2.0 FIPS, CC-TCG certified

Remote Management

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

General Information

Form Factor

Standard 19" Rackmount w/Rails 4U height

Power Specifications

1200W 1+1 redundant PSU PMBus 1.2 80+ Platinum,
100-127VAC 10A 50-60Hz, 800Watt
200-240VAC 8A, 50-60Hz, 1200Watt

Max Power Consumption

1200W up to 80% efficient (Platinum) hot-plug redundant

Cooling

6 x 80x38mm PWM & low-power consumption hot swap fans

Dimensions

430mm (w) x 680 (d) x 175 H

Weight

Ship Weight W/ 36x HDDs = 72k/167lbs

Warranty

5 Years Advanced Warranty with NBD Advanced Parts
Replacement of Field Replaceable Units (FRUs).

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 – 90% 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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