



VideoX[®] V5 V260/V270



V5 Access Control Server

- Windows Server Wkgrp
- HW RAID, Battery backed
- N+1 hot-swap power, cooling & drives
- Up to 500 Doors
- 1U Rack w/ rails



VideoX Enterprise ACM Features



Multi-Access Control Validated

Arxys ACM servers deliver validated infrastructure for enterprise physical access control deployments for leading platforms with Lenel OnGuard, Genetec Security Center, Avigilon Unity, Milestone XProtect, and KeyScan Aurora.



Operational Reliability For Demanding Clients

All systems are pre-tested, preloaded, and burn-in verified before shipping. U.S.-based engineers provide responsive, knowledgeable support. This simplifies installation, reduces technician time on-site, and helps partners scale more efficiently.



Purpose-Built for Access Control Workloads

AMD EPYC processors, DDR5 ECC memory, and flash SSD storage engineered for access control demands: real-time door authorization, large cardholder databases, concurrent event logging. Sized to prevent database paging and CPU bottlenecks that cause authorization delays in undersized



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 Level 2 support delivers rapid response & uptime.

Key Attributes

- Windows Server 2022 or 2025
- AMD EPYC 4005 Zen5 CPU
- 16-32GB DDR5 DRAM
- Up to 500 door support
- 2x Mirrored Enterprise SSDs
- 2x Mirrored, hot-swap OS SSD
- Dual 10Gb Ethernet ports
- Remote management IPMI
- TCG 2.0 Cybersecurity w/ TPM



Recommended Usage

- Built for multi-tenant buildings, campus facilities, requiring higher reliability & uptime assurance. Hardware RAID with cache protection, hot-swap SSDs, and redundant power supplies eliminate single points of failure for critical access control operations. Ideal for healthcare campuses, corporate headquarters, or regional facilities where door authorization downtime impacts hundreds of employees.
- Maximum door support is ACM & configuration dependant



For more information visit: Arxys.com/access-control

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



VideoX[®]



V5 V260/V270 ACM

Enterprise Servers for Access Control Management

Hardware Information

CPU

5th Generation Zen5 AMD EPYC

V260 -6C/12T - 3.9Ghz/5.1Ghz - 65W - 32MB Cache

V270 -12C/24T - 3.4Ghz/5.4Ghz - 65W - 64MB Cache

Hardware Acceleration

Chiplet microarchitecture. AMD Infinity Architecture, AMD Infinity Guard, 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

V260 -16GB DRAM DDR5 (minimum)

V270 -32GB DRAM DDR5 (minimum)

OS

Microsoft Windows Server Workgroup 2022 or 2025 (LTSC)

VMS/OS Drive

2x Mirrored, 480GB Enterprise 3D TLC Flash SSD , Hot Swap
Dedicated for OS/VMS

Data SSDs

2x Mirrored, 480GB Enterprise 3D TLC Flash SSD , Hot Swap
Operation, tool-less Hot-swap (V270 = 960GB)

RAID

Hardware RAID Mirroring, CacheVault protection, patrol read repairs

Network

2x (Two) Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI

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 1U height

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

5 x 40x40x56mm (29,700rpm)

Dimensions

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

Weight

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

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 – 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.

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