



VideoX[®] V4 R2V



Value Server

- Windows Server 2022 IoT
- NO RAID, 2x HDD's
- Value Engineered System
- 300 Mbs throughput
- 1U Rack mount



VideoX R2V Value 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.



Entry Level Data Storage

Ultra reliable storage, the VideoX R2V models include 1 or 2x enterprise hard drives. R2V is NO RAID -just 1 or 2x hard drives for basic data storage. The R2V features a dedicated enterprise NVMe SSDs for OS and applications.



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.

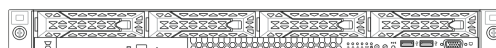


Advanced Support

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

- Value Model
- Windows Server 2022 Standard IoT
- 1U Rack mount form factor
- NO RAID Protection
- 2x HDDs
- Up to 36TB capacity
- Dedicated Enterprise OS SSD
- 2x 1Gb Ethernet
- Remote management
- Single Power Supply
- Can not have a GPU added



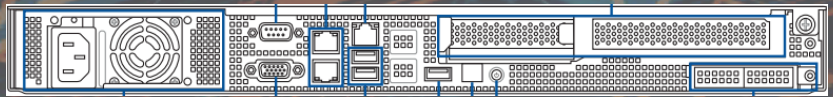
Recommended Usage

- 25 Cameras per server (based on: 4MP, 15FPS, 4Mbs video, w/ video motion detection)
- Small, non critical deployments or access control
- 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:



V4 R2V NVR or ACM

Value Server for Basic Video Surveillance or Access control

Hardware Information

Form Factor

Standard 19" Rackmount w/ Slide Rails 1U height

CPU

Intel® Xeon E™ Gen4 5.0 Ghz w/ OS & Boot Guard
4 Core / 8 Thread 12M cache

RAM

32GB ECC DDR5 Dual Channel

OS

Microsoft Server 2022 Standard (IoT)

VMS/OS Drive

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

Hard Drives

1-2x 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 36TB raw capacity

RAID

NO RAID Protection

Network

2x Intel Enterprise 1Gb Eth RJ45 ports + 1Gb IPMI
(NO SFP+ upgrade available)

Display Ports

HDMI, DP, VGA

Credential & Key Encryption

TCG 2.0 Encryption, AES 256, TPM module optional

Gold Power

350W 80 PLUS Gold Power Supply with integrated fan

Remote Management

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

General Information

Power Specifications

350W PSU -

AC Input: 100-240Vac, 6.3-3A 60-50Hz, Class 1

Max Power Consumption

450W up to 80% efficient (Platinum)

Cooling

4 x 40x40x56mm (29,700rpm)

2 x 40x40x56mm (32,000rpm)

Dimensions

497mm (depth) x 439mm (width) x 44mm (height)

Weight

Ship WeightW/ 2x HDDs = 22k/40lbs

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.

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