AMAG TECHNOLOGY
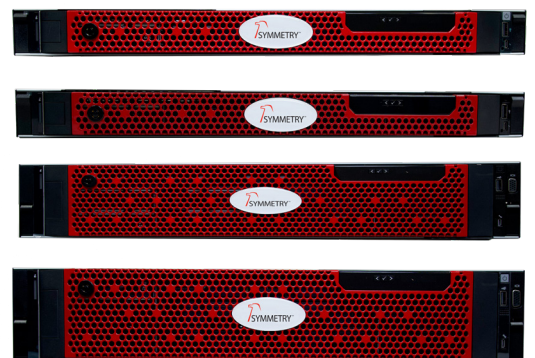An ALLIED UNIVERSAL® Company

Symmetry™ CompleteView VMS

Video Hardware

Product Overview

Choose from a wide range of Symmetry CompleteView Video Hardware NVRs engineered for continuous access and durability.

Quickly and accurately design your video system using AMAG's Symmetry CompleteView Design Tool Wizard. The Symmetry CompleteView Design Tool Wizard is available to provide the best NVR options to satisfy the requirement as entered.

Symmetry CompleteView NVRs arrive with Symmetry CompleteView video software pre-installed with system OS tuned to run optimally as a video surveillance platform decreasing installation and configuration time in the field. In addition, always keep the Symmetry CompleteView software current when purchasing the NVRs from AMAG with a software maintenance agreement for the length of the NVR warranty (5 years).

Symmetry™ CompleteView VMS
Video Hardware

Entry Level

A smaller form factor, lighter weight yet with powerful processing capabilities, the Choice is engineered for the rigors of video surveillance applications. From a single site to distributed locations, the Choice allows for low cost, efficient security monitoring where available space may be at a premium.

Specifications

Specifications

- Processor: Intel 12th Gen Core i3
- RAM: 8GB
- OS: Windows 10 IoT*
- Storage: 250GB M.2 NVME OS Drive
  Up to 20TB Video Storage

Dimensions

- Height: 14.45" (367mm)
- Width: 6.65" (169mm)
- Depth: 11.84" (300.8mm)
- Weight: 21.03 lbs (9.5kg)
- Network: 1Gbe NIC

Ports

- Front:
    - 2 x USB 2.0
    - 1 x USB 3.2 Type A
    - 1 x USB 3.2 Type C
    - 1 x Universal Audio

- Rear:
    - 4 x USB 3.2
    - 2 x USB 2.0
    - 1 x Line Out Audio
    - 3 x Display Port

Warranty

- 5 year basic

Symmetry PowerChoice

Long-term reliability coupled with enhanced memory and storage capacity, the Symmetry PowerChoice fits any physical environment. Engineered for the rigors of continuous duty operations in video surveillance, and using best-in-class components, the entry-level PowerChoice offers the perfect balance in value and performance. Easy access to system components provides for faster service, upgrades and a new, highly effcient power supply that minimizes energy consumption.

*Windows 11 IoT available with Symmetry CompleteView VMS 7.4.2 or newer.

SYMMETRY™

Mid Level

The Symmetry PowerPro and PowerSelect rack mountable systems are ideal for mid-sized security installations. Coupled with Symmetry CompleteView VMS, these fully integrated solutions deliver the reliability and processing power for customers who require mission critical video surveillance.

Specifications

Specifications

- Processor: Xeon E-2378
- RAM: 16GB
- OS: Windows 10 IoT*
- Storage: 250GB M.2 NVME
  Up to 48TB Video Storage

Dimensions

- Height: 1.68" (42.8mm)
- Width: 18.98" (482mm)
- Depth: 23.56" (598.6mm)
- Weight: 27.61 lbs (12.48kg)
- Network: Dual Port 1Gbe NIC

Ports

- Front:
    - 1 x iDRAC Direct (Micro-AB USB)
    - 1 x USB 2.0

- Rear:
    - 1 x USB 3.0
    - 1 x USB 2.0
    - 1 x Serial
    - 1 x VGA

Warranty

- 5 year basic

Symmetry PowerPro

AMAG's NVRs are industry-leading, value-oriented digital video surveillance systems. Power-built for the rigors of continuous duty operation using advanced components, the 1U rack-mountable, mid level Symmetry PowerPro NVR delivers the reliability and processing power required for mission critical video surveillance.

*Windows Servers 2022 Standard Embedded available with Symmetry CompleteView 7.4.2 or newer.

Symmetry™ CompleteView VMS
Video Hardware

Specifications

Specifications

- Processor: Xeon E-2488
- RAM: 32GB
- OS: Windows Server 2019
  Standard Embedded*
- Storage: 2 x 480GB M.2 SATA SSD
  OS with RAID 1
  Up to 48TB Video Storage

Dimensions

- Height: 1.68" (42.8mm)
- Width: 18.98" (482mm)
- Depth: 23.57" (589mm)
- Weight: 27.38 lbs (12.42kg)
- Network: Quad Port 1Gbe NIC

Ports

- Front:
  - 1 x iDRAC Direct (Micro-AB USB)
  - 1 x USB 2.0

- Rear:
  - 1 x Dedicated iDRAC Ethernet port
  - 1 x USB 2.0
  - 1 x USB 3.2 Gen1
  - 1 x VGA
  - 1 x Serial

Warranty

- 5 year (basic, NBD, or 4HR)

Symmetry PowerSelect

Symmetry PowerSelect is a 1U rack-mount NVR offering an excellent balance between processing power, storage capacity, redundancy for high performance, and flexibility for video surveillance applications. Symmetry PowerSelect runs Windows Server in a RAID1 configuration and offers RAID5 or RAID6 for video storage.

Power-built for the rigors of continuous duty operation using advanced components, the 1U rack-mountable Symmetry PowerSelect NVR delivers the reliability and processing power required for mission critical video surveillance.

*Windows Servers 2022 Standard Embedded available with Symmetry CompleteView 7.4.2 or newer.

Symmetry™ CompleteView VMS
Video Hardware

SYMMETRY™

Enterprise Level

See the whole picture with the power to secure the largest, most complex deployments. Enterprise Level servers come fully featured with RAID5/RAID6 and enhanced storage of up to 200TB. Tailor your enterprise video requirements with high performance CPU power, 64GB memory, hot-swappable hard drives and dual hot-plug redundant power supplies.

Specifications

Specifications

- Processor: Single Xeon 4314
- RAM: 64GB
- OS: Windows Server 2019
  Standard Embedded*
- Storage: 2 x 480GB RAID 1 OS
  Up to 140TB Video Storage

Dimensions

- Height: 3.42" (86.8mm)
- Width: 18.98" (482mm)
- Depth: 28.17" (715.5mm)
- Weight: 63.05 lbs (28.6kg)
- Network: Quad 1Gbe NIC

Ports

- Front:
  - 1 x iDRAC Direct (Micro-AB USB)
  - 1 x USB 2.0
  - 1 x VGA

- Rear:
  - 1 x Dedicated iDRAC Ethernet Port
  - 1 x USB 2.0
  - 1 x USB 3.0
  - 1 x VGA
  - 1 x Serial

Warranty

- 5 year (basic, NBD, 4HR)

Symmetry PowerUltra

The Symmetry PowerUltra is a 2U rack-mount, enterprise level NVR designed to handle complex video surveillance requirements utilizing highly scalable and extended storage options, superior I/O throughput, and robust processing capability, making it ideally suited for intensive digital video processing.

*Windows Servers 2022 Standard Embedded available with Symmetry CompleteView 7.4.2 or newer.

Symmetry™ CompleteView VMS
Video Hardware

Specifications

Specifications

- Processor: Intel Xeon 5418Y
- RAM: 64GB
- OS: Windows Server 2019
    Standard Embedded*
- Storage: 2 x 480GB RAID 1 OS
    Up to 200TB Video Storage

Dimensions

- Height: 3.42" (86.8mm)
- Width: 18.98" (482mm)
- Depth: 28.17" (715.5mm)
- Weight: 63.05 lbs (28.6kg)
- Network: Dual Port 10Gbe BASE-T & Dual Port 1GbE BASE-T

Ports

- Front:
    - 1 x iDRAC Direct (Micro-AB USB)
    - 1 x USB 2.0
    - 1 x VGA

- Rear:
    - 1 x USB 2.0
    - 1 x USB 3.0
    - 1 x VGA
    - 1 x Serial

Warranty

- 5 year (basic, NBD, 4HR)

Symmetry PowerPlatinum

The Symmetry PowerPlatinum is a 2U rack-mount enterprise level NVR designed to handle the most demanding IP video surveillance requirements utilizing highly scalable and extended storage options, maximum I/O throughput, and robust processing capability, making it ideally suited for intensive digital video processing.

*Windows Servers 2022 Standard Embedded available with Symmetry CompleteView 7.4.2 or newer.

Specifications

Specifications
- Operating System: Windows Server 2019 Standard Embedded
- Processor: Intel Xeon 5418Y
- Memory: 64GB
- Network: Quad Port 1GbE NICs, Dual Port 10GbE NICs
- Hard Drive (OS): 2x 480GB M.2 SSD in RAID1 Configuration
- Hard Drive (Video Storage): Up to 552TB
- RAID Controller: Yes
- RAID Level of Storage: 5 or 6
- Graphics Adapter: Integrated
- Max Resolution: 1920x1200
- PCIe Slots: 2x FHFL x8, 1x FHHL, 1x LPHL
- Accessories: Keyboard, Mouse & Readyrails Sliding Rails with Cable Management Arm
- TPM Support: Trusted Platform Module 2.0 V5

Ports
- Front:
    - 1 x iDRAC Direct (Micro-AB USB)
    - 1 x USB 2.0
    - 1 x VGA
- Rear:
    - 1 x Dedicated iDRAC Ethernet port
    - 1 x USB 2.0
    - 1 x USB 3.0
    - 1 x VGA
    - 1 x Serial

Dimensions
- Form Factor: 2RU Rackmount
- Height: 3.42" (86.8 mm)
- Width: 18.98" (482.0 mm)
- Depth: 35.74" (907.75 mm)
- Weight: 102.07 lbs (46.3kg)

Operating Environment
Operating Temp: 50°F - 95°F (10°C - 35°C)
Power Supply: Dual 1400W - 100 to 240VAC auto ranging and redundant
Relative Humidity:
- Operating: 10% - 80% non-condensing Max dew point 84.2°F
- Storage: 5% - 95% non-condensing Max dew point 91°F
- BTU: 2891 BTU/hr

Warranty
- 5 year Basic

Symmetry PowerElite

Symmetry PowerElite is a 2U rack-mount NVR built to deliver enterprise-class performance for demanding IP video surveillance environments. Designed for scalability and reliability, the PowerElite offers extended storage capacity, high I/O throughput, and strong processing power, making it ideal for large-scale video recording and management.
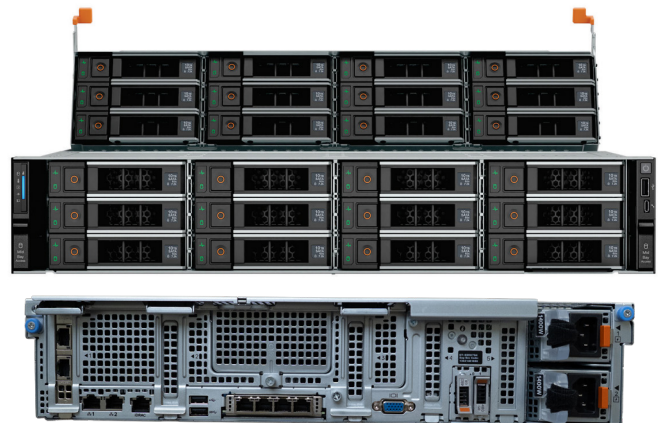
Optimize your surveillance infrastructure with the PowerElite's powerful Intel Xeon processor, 64GB of memory, hot-swappable drives, and dual redundant power supplies-all backed by the PowerProtect platform for robust video performance and system resiliency.

Features

Record, live view, playback, archive video

Rack mount 2U form factor

Front access with locking bezel for hotswap

Symmetry™ CompleteView VMS
Video Hardware

Specifications

Specifications

- Processor: Intel 12th Gen Core i5
- RAM: 8GB
- OS: Windows 10 IoT*
- Storage: 1TB (OS/Video)

Dimensions

- Height: 14.45" (367mm)
- Width: 6.65" (169mm)
- Depth: 11.84" (300.8mm)
- Weight: 21.03 lbs (9.5kg)
- Network: 1Gbe NIC

Ports

- Front:
    - 2 x USB 2.0
    - 1 x USB 3.2 Type A
    - 1 x USB 3.2 Type C
    - 1 x Universal Audio

- Rear:
    - 4 x DisplayPort
    - 4 x USB 3.2
    - 2 x USB 2.0
    - 1 x Line Out Audio

Warranty

- 5 year (basic, NBD, 4HR)

Symmetry GuardStation QUAD

AMAG's client workstation is optimized for viewing live and recorded video streams from any of our Symmetry PowerProtect servers running Symmetry CompleteView VMS. The GuardStation is equipped with robust graphics processing capabilities and is configurable to provide output to up to 4 monitors.

AMAG's Symmetry GuardStation client workstation provides top performance for demanding security control room deployments. Designed for Symmetry CompleteView VMS, the GuardStation client systems provides the tools and capability to view live video, perform investigations and export evidence to a variety of media.

This innovative client workstation is designed to provide the highest performance for client applications in Symmetry CompleteView VMS without the need for high capacity server processing. Symmetry GuardStation is pre-loaded with CompleteView client software. Supporting quad monitor configuration in a desktop form factor, GuardStation offers flexibility and high performance in one location.

*Windows 11 IoT available with Symmetry CompleteView VMS 7.4.2 or newer.