Symmetry CompleteView
Video Hardware

Datasheet

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 (3 or 5 years).

Entry Level

Smaller form factors, lighter weight yet with powerful processing capabilities, the Choice and Choice LP are engineered for the rigors of video surveillance applications. From a single site to distributed locations, these units allow for low cost, efficient security monitoring where available space may be at a premium.

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 efficient power supply that minimizes energy consumption.

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: 13.8" (350.52mm)
- Width: 6.1" (154mm)
- Depth: 10.8" (274.32mm)
- Weight: 20.96lbs. (9.43kg)
- Network: 1Gbe NIC

PORTS

- Video: 3 Display Ports
- USB Front:
    - 1 USB 3.2 Gen 2x2 Type-C port
    - 1 USB 3.2 Gen 2 port
    - 2 USB 2.0 ports (1 with PowerShare)
- USB Rear:
    - 3 USB 3.2 Gen 1 ports
    - 1 USB 3.2 Gen 2 port
    - 2 USB 2.0 ports with Smart Power On
- Other:
    - 1 Universal Audio Jack (front),
    - 1 Line Out (rear)

WARRANTY

- 3 or 5 year basic

SYMMETRY POWERCHOICE LP

AMAG's PowerChoice LP (low profile) delivers performance and faster response in a 1U rack mount chassis form factor for space-constrained installations. The PowerChoice LP is engineered for the rigors of continuous duty operations in video surveillance. Utilizing best-in-class components, enhanced memory, and highly efficient power supply, the entry-level PowerChoice LP combines value engineering with long-term reliability for mission critical security deployments.

SPECIFICATIONS

- Processor: Intel Core i3
- RAM: 8GB
- OS: Windows 10 IoT
- Storage: 1TB Drive
    - Up to 48TB Video Storage
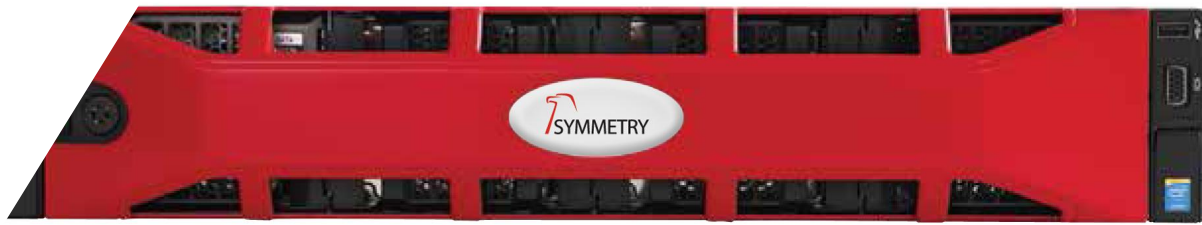
DIMENSIONS

- Height: 1.67" (42.8mm)
- Width: 17.09" (434.0mm)
- Depth: 23.5" (596.9mm)
- Weight: 26.89lbs (12.2kg)
- Network: Dual 1Gbe NICs

PORTS

- Video: 1 VGA (rear)
- USB Front: 2 USB 2.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

- 3 or 5 year basic

Mid Level

The Pro and Pro-R 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.

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.

SPECIFICATIONS

- Processor: Single Intel Xeon
- RAM: 16GB
- OS: Windows 10 IoT
- Storage: 1TB Dedicated OS Drive
    - Up to 48TB Video Storage

DIMENSIONS

- Height: 1.67" (42.8mm)
- Width: 17.09" (434.0mm)
- Depth: 23.5" (596.9mm)
- Weight: 26.89lbs. (12.2kg)
- Network: Dual 1Gbe NICs

PORTS

- Video: 1 VGA (rear)
- USB Front: 2 USB 2.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

- 3 or 5 year basic

SYMMETRY POWERPRO-R

AMAG's NVRs are industry-leading, value-oriented digital video surveillance systems. Incorporating a RAID for its operating system and power-built for the rigors of continuous duty operation using advanced components, the 2U rack-mountable Symmetry PowerPro-R NVR delivers the reliability and processing power required for mission critical video surveillance.

SPECIFICATIONS

- Processor: Single Intel Xeon
- RAM: 16GB
- OS: Windows 10 IoT
- Storage: 2x1TB RAID 1 OS
    - Up to 60TB Video Storage
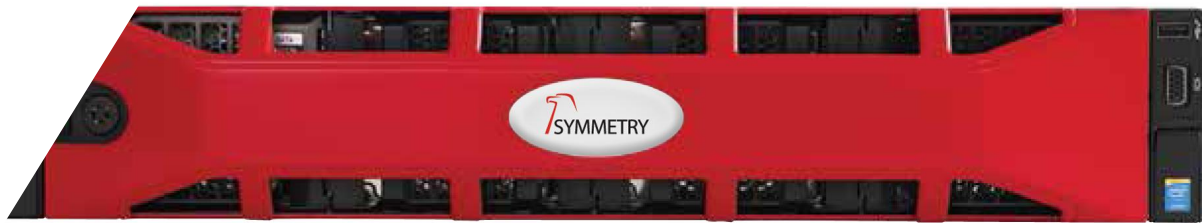
DIMENSIONS

- Height: 3.42" (86.8mm)
- Width: 18.98" (482.0mm)
- Depth: 28.17" (715.5mm)
- Weight: 63.05lbs. (28.6kg)
- Network: Quad 1Gbe NICs

PORTS

- Video:
    - 1 VGA (front)
    - VGA (rear)
- USB Front:
    - 2 USB 2.0
    - 1 USB 3.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

- 3 or 5 year basic

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 192TB. Tailor your enterprise video requirements with high performance CPU power, 96GB memory, hot-swappable hard drives and dual hot-plug redundant power supplies.

SYMMETRY POWERPLUS

AMAG's enterprise level Symmetry PowerPlus is a 2U rack-mount NVR offering an excellent balance between processing power, storage capacity, redundancy for high performance and a flexible platform for video surveillance applications. The PowerPlus incorporates a RAID for its operating system.

SPECIFICATIONS

- Processor: Single Intel Xeon
- RAM: 32GB
- OS: Windows Server 2019 Standard Embedded
- Storage: 2x1TB RAID 1 OS
    - Up to 60TB Video Storage

DIMENSIONS

- Height: 3.42" (86.8mm)
- Width: 18.98" (482.0mm)
- Depth: 28.17" (715.5mm)
- Weight: 63.05lbs. (28.6kg)
- Network: Quad 1Gbe NICs

PORTS

- Video:
    - 1 VGA (front)
    - 1 VGA (rear)
- USB Front:
    - 2 USB 2.0
    - 1 USB 3.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

- 3 or 5 year (basic, NBD, or 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.

SPECIFICATIONS

- Processor: Single Intel Xeon
- RAM: 48GB
- OS: Windows Server 2019 Standard Embedded
- Storage: 2x250GB RAID 1 OS
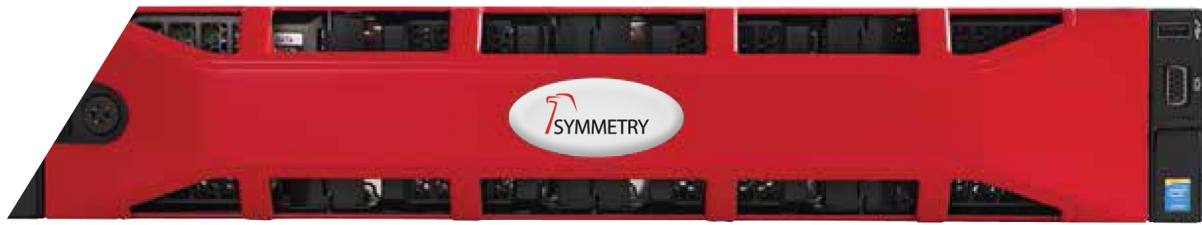   - Up to 132TB Video Storage

DIMENSIONS

- Height: 3.42" (86.8mm)
- Width: 18.98" (482.0mm)
- Depth: 28.17" (715.5mm)
- Weight: 63.05lbs. (28.6kg)
- Network: Quad 1Gbe NICs

PORTS

- Video:
    - 1 VGA (front)
    - 1 VGA (rear)
- USB Front: 2 USB 2.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

- 3 or 5 year (basic, NBD, or 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.

SPECIFICATIONS

- Processor: Single Intel Xeon
- RAM: 96GB
- OS: Windows Server 2019 Standard Embedded
- Storage: 2x480GB RAID 1 OS
  - Up to 192TB Video Storage

DIMENSIONS

- Height: 3.42" (86.8mm)
- Width: 18.98" (482.0mm)
- Depth: 28.17" (715.5mm)
- Weight: 63.05lbs. (28.6kg)
- Network: Dual Port 10GbE BASE-T & Dual Port 1GbE BASE-T

PORTS

- Video:
  - 1 VGA (front)
  - 1 VGA (rear)
- USB Front: 2 USB 2.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

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

SYMMETRY POWERDAS

The Symmetry PowerDAS (Direct Attached Storage) system expands the primary storage capacity of a PowerPlus or PowerUltra NVR. A PowerDAS 2U form factor chassis is populated with up to 132TB of usable storage capacity configured in a single RAID 5 array. PowerDAS storage arrays connect to Symmetry PowerPlus, PowerUltra, or PowerPlatinum servers using current PERC H-series Host-RAID Adapters.

SPECIFICATIONS

- Processor: Single Intel Xeon
- RAM: 96GB
- OS: Windows Server 2019 Standard Embedded
- Storage: 2x480GB RAID 1 OS
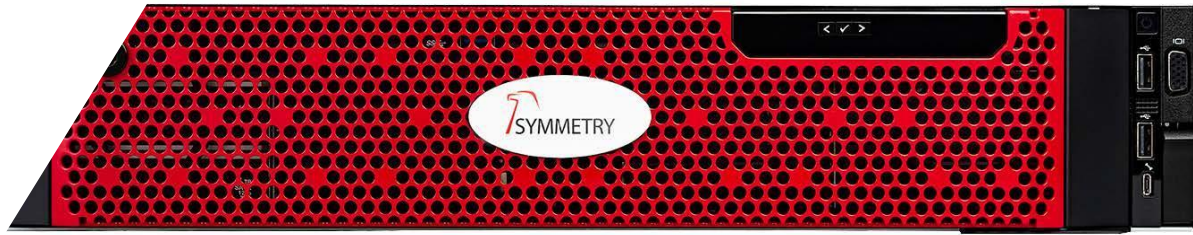 - Up to 132TB Video Storage

DIMENSIONS

- Height: 3.39" (87mm)
- Width: 18.8" (482.0mm)
- Depth: 29.1" (541mm)
- Weight: 63.03lbs. (28.6kg)
- Network: Dual Port 10GbE BASE-T & Dual Port 1GbE BASE-T

PORTS

- Video:
  - 1 VGA (front)
  - 1 VGA (rear)
- USB Front: 2 USB 2.0
- USB Rear: 2 USB 3.0
- Other: 1 serial port (rear)

WARRANTY

- 3 or 5 year (basic, NBD, or 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.

SPECIFICATIONS

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

DIMENSIONS

- Height: 13.80" (350.52mm)
- Width: 6.10" (155mm)
- Depth: 10.80" (274.32mm)
- Weight: 20.96lbs. (9.43kg)
- Network: 1Gbe NIC

PORTS

- Video: 4 Display Ports. Display Port to HDMI adaptor included.
- USB Front:
  - 1 USB 3.2 Gen 2x2 Type-C port
  - 1 USB 3.2 Gen 2 port
  - 2 USB 2.0 ports (1 with PowerShare)
- USB Rear:
  - 3 USB 3.2 Gen 1 ports
  - 1 USB 3.2 Gen 2 port
  - 2 USB 2.0 ports with Smart Power On
- Other:
  - 1 Universal Audio Jack (front)
  - 1 line-out (rear)

WARRANTY

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

For More Information: sales@amag.com or 1-800-889-9138 | **amag.com**