



Citadel MAX+ StorageTM

“Servers and Storage Built for the Security Industry”

The AGS Citadel MAX+ Storage Rack is manufactured using only top-of-the-line Intel and Intel certified components. The AGS Citadel MAX+ Storage Rack is proudly made in America and is designed to continuously operate under the rigorous demands of an IP video surveillance system. Standard storage units only have to process the occasional read/write requests that occur when loading applications, surfing the Internet and saving or retrieving documents. Video surveillance storage requires continuous writing of video to the storage media. AGS uses enterprise grade storage that is designed for the continual read/write requirements of a video surveillance system. This assures that any recorded surveillance video will be available when it's needed.

AGS has over 30 years of computer engineering experience which goes into every system that we build. Endless hours go into every prototype before it becomes an AGS product. You can be certain that an AGS system will operate at peak efficiency today, tomorrow and in the future.

All AGS systems come with a standard 3 year warranty with advance replacement on all Intel components. Once an AGS system is installed, you can rest assured that it will operate trouble free without the need for constant maintenance and service calls.

AGS systems are currently being used at International Airports, Banks, Casinos, Universities, Healthcare Facilities, Fortune 500 Companies and Federal, State and Local Government Facilities. AGS systems are the most intelligent solutions for any mission critical video surveillance system.

The AGS Citadel MAX+ Storage Rack is built to last and designed to operate under the most demanding conditions. Install the AGS Citadel MAX+ Storage Rack and you can have the same piece of mind as the Federal Bureau of Investigation (FBI), Trump Plaza Casino, the Massachusetts Institute of Technology (MIT), Trump Plaza Casino, and the University of Cincinnati.



The AGS Citadel MAX+ Storage Rack can house up to ten (10) Citadel MAX Chassis and can be configured with up to six hundred (600) drives using either 1TB or 2TB enterprise grade hard disks. With storage capability of up to 1.2 petabytes per unit, The Citadel Max+ Rack can store a truly massive amount of surveillance video. RAID5 and RAID6, both with optional hot spare, are supported for additional redundancy and reliability.

The AGS Citadel MAX Storage JBOD has been certified with the NVR application software offered by the following companies:

- Pelco
- OnSSI
- Axis
- Milestone
- Lenel
- Strand
- Bosch
- Genetec
- Salient
- Cisco
- IPconfigure
- JDS



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TECHNICAL SPECIFICATIONS

- AGS Certified Rack & Chassis
- 45U 600 Drive Rack
- Size: 86.81" H x 48" W x 52" D - 2 Cabinets
- Weight: Approx. 1,300 lbs Per Rack (600 Drives Installed)
- Uses 1 Terabyte or 2 Terabyte Drives
- Up To 60 Drives Per Chassis / 10 Chassis Per Rack
- Fiber Channel Interconnect
- RAID5, RAID5 w/Hot Spare, RAID6, RAID6 w/Hot Spare
- Power Supply:
Hot Swap Redundant Power Supply. Voltage: 208VAC up to eight (8) Circuits for each Rack (+/- 10%) / Frequency: 47Hz to 63Hz / Input Current: 30A- up to eight (8) Circuits for each Rack / Inrush Current: 5.3A Max@ 208VAC / Power Factor Correction: 99% @ 208VAC, Full Load / Receptacle Type: L6-30

How to build a part number

AGS-SAS600-XXXX-RYZ

XXX = Raw Storage; up to 1200TB

Y = 5 For RAID5, 6 For RAID6

Z = H For Hot Spare, N For None

Operating Environment: 64°F - 75°F @ 35-55% RH non-condensing. Non-Operating Environment: 55°F - 95°F @ 10-90% RH non-condensing

It is the client/end user's responsibility to provide the proper mechanical/electrical/plumbing/fire protection (MEPFP) and IT environment that conforms to the Uptime Institute Tier 1 requirements and all applicable Federal, State, County, & Local codes & standards (UTI, EIA/TIA, BICSI, etc.).

This system has been engineered to work with each component to the best usage of optimal computer power. The Computer industry's components change on a regular basis.

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