



RelianceTM VAU Server Series

“Servers and Storage Built for the Security Industry”

The AGS Reliance VAU distributed video surveillance server is manufactured using only top-of-the-line Intel and Intel certified components. The AGS Reliance VAU server is proudly made in America and is designed to continuously operate under the rigorous demands of an IP video surveillance system. Standard servers only have to process the occasional read/write requests that occur when loading applications, surfing the Internet and saving or retrieving documents. Video surveillance servers require a high level of processing power while continually writing 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 Reliance VAU server is built to last and designed to operate under the most demanding conditions. Install an AGS Reliance VAU server and you can have the same piece of mind as the Federal Bureau of Investigation (FBI), the Massachusetts Institute of Technology (MIT), Trump Plaza Casino, and the University of Cincinnati.

HD50



HD100



The AGS Reliance VAU server is designed to work in conjunction with the AGS Reliance DMS server. The AGS Reliance VAU server is positioned remotely to acquire surveillance video and then periodically send the acquired video to the AGS Reliance DMS server. This feature of the Pelco Digital Sentry system adds another layer of protection and redundancy to your video surveillance system.

The AGS Reliance VAU server has been certified to run the Pelco Digital Sentry Network Video Recorder application.



by Schneider Electric



DigitalSENTRY[®]



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HD50



HD100



TECHNICAL SPECIFICATIONS

- Intel Certified 1U Rack Mount Chassis
- Dual 10/100/1000 Ethernet NIC Ports
- HD50 - 3TB Raw Storage
- HD50 - 1.70" H x 16.93" W x 19.92" D
- HD100 - 1.5TB Raw Storage
- HD100 - 1.70" H x 16.93" W x 25.76" D
- Weight (Complete System) Approx. 30lbs
- 350W Power Supply: Redundant PS Requires Separate Power/UPS Source Voltage 100VAC to 240VAC (+/- 10%), Frequency: 47Hz to 60Hz, Power Factor Correction: 95% @ 110VAC, Full Load

SERIES COMPARISON:

	HD50	HD100
Optimized For Up To 50Mb Throughput	✓	
Optimized For Up To 100Mb Throughput		✓
Intel 3000 Class Xeon Motherboard w/1 CPU	✓	
Intel 5000 Class Xeon Motherboard w/2 CPU		✓
Xeon Quad Core 3000 Class CPU	✓	
Xeon Quad Core 5000 Class CPU		✓
4GB ECC Memory	✓	
4GB Registered ECC Memory		✓
Single Solid State OS Drive Internal Hot Swap		✓
3 RAID5 Hot Swap OS	✓	
5 RAID5 Video Buffer Hot Swap 1TB		✓
Single Power Supply	✓	
Redundant Power Supply		✓
Windows XP Pro / Vista Business / Windows 7 Pro	✓	✓
Windows Server 2003 / 2008		✓

Part numbers

HD50 Series:

AGS-HD50-VAU

HD100 Series:

AGS-HD100-VAU

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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