



RelianceTM 24 Server Series

“Servers and Storage Built for the Security Industry”

The AGS Reliance 24 stand-alone video surveillance server is manufactured using only top-of-the-line Intel and Intel certified components. The AGS Reliance 24 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 24 server is built to last and designed to operate under the most demanding conditions. Install an AGS Reliance 24 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.



The AGS Reliance 24 server can be configured with up to twenty four (24) drives using either 1TB or 2TB enterprise grade hard disks. Different configurations can provide the user with raw storage capacity ranging from twelve (12) to forty-eight (48) terabytes allowing this small footprint device to store a very impressive amount of surveillance video. RAID5 and RAID6, both with optional hot spare, are supported for additional redundancy and reliability.

The AGS Reliance 24 server has been certified to run 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

- Intel 24 Drive Rack Mount Server Chassis
- Up to 48 Terabytes of Raw Storage
- Dual or Quad Core Xeon Processor
- 2.4 up to 3.0 Ghz Per Core
- JBOD, RAID5, RAID5 + Hot Spare, RAID6, RAID6 + Hot Spare
- 950W Power Supply, Redundant PS
Require separate Power/UPS Source
Voltage: 100VAC to 240VAC (+/- 10%)
Frequency: 47 Hz to 63 Hz
Power Factor Correction: 95% @
110VAC, Full Load

SERIES COMPARISON:	HD100	HD250
Optimized For Up To 100Mb Throughput	✓	
Optimized For Up To 250Mb Throughput		✓
Intel 3400 Server Series Xeon Motherboard w/1 CPU	✓	
Intel 5500 Server Series Xeon Motherboard w/2 CPU		✓
Xeon Dual Core 3400	✓	
Xeon Quad Core 3400	✓	
Xeon Quad Core 5500		✓
4GB ECC (max 32GB) Memory	✓	
6GB REG ECC (max 96GB) Memory		✓
10/100/1000 Ethernet NIC Ports (standard)	2	2
Standard Redundant Power Supply	✓	✓
Hot Swap Bay Standard	✓	✓
Rack Mount Kit Included	✓	✓
Windows XP Pro / Vista Business / Windows 7 Pro	✓	
Windows Server 2003 / 2008	✓	✓

How to build a part number

HD100 Series:

AGS-HD10X-24YY

X = 1 for 1TB Drives or 2 for 2TB Drives
YY = The Number of Drives; 12 up to 24

HD250 Series:

AGS-HD25X-24YY

X = 1 for 1TB Drives or 2 for 2TB Drives
YY = The Number of Drives; 12 up to 24

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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