



ApplianceStor175v2

Enterprise-Grade, 64-Channel, Dual Xeon 1U Recording Server | 500-Channel Recording Server with PixelStor

Datasheet

The AS175v2 integrates VMS and storage in a simple to use, high performance video surveillance storage solution. It is optimized for video surveillance applications and delivers the performance required for the most demanding megapixel installations.

Powerful server and storage system, built around high-performance dual Intel Xeon Scalable processors. It has 4 direct-attached high-capacity SAS drives (DAS), all in one box. With PixelStor, AS175 can support 500-channel with 1Gbps recording performance and 2PB storage.

Purpose-built open platform with MS Windows to integrate Video Management Software (VMS). All major VMS providers are pre-qualified and pre-loaded (e.g., Milestone, Genetec, Digifort, Qognify, ISS, and more). Most are continually added to ensure the widest possible certification coverage.

Effortless installation, management and administration.

Rasilient provides a **complete physical security solution**. All necessary components are offered, including high-performance recording, viewing/monitoring and administration servers, and high-performance storage.

Features

- 2x Intel Silver 4310 CPUs and Optional for Other Xeon
- Up to 1024GB ECC RAM

Applications

- All-in-One 64-Channel Medium Installations
- 500-Channel Large Installations with PixelStor
- High-Performance CPU ideal for VMS motion processing

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Specifications

CPU	2x Intel Xeon Silver 4310 (optional for other Xeon CPUs)
GPU	Optional Nvidia T400 (not Available on RAID Configurations)
RAM	Up to 1024GB ECC DDR4 2666Mhz
Networking	2 or 4x GbE (w/ PixelStor), 1x Dedicated Management
Input/Output	4x USB 3.2, VGA, (3xmDP if GPU Installed)
Max Storage	Up to 80TB, w/PixelStor: Up to 2.16PB
Dimensions (W x D x H)	17.68" x 33.2" x 1.7" / 449 x 843 x 44 mm
Weight	Max 50 lb / 23 kg
Power Supply	1+1 Redundant 800W 100/240V AC 6A 47-63Hz
Operating Temperature	10 - 35 °C
Recording Performance¹	All-in-One: 500 Mbps, w/ PixelStor: 1 Gbps

¹ Recording performance was tested using Milestone XProtect and RAID5 storage. Performance may be different for other configurations



* Configuration of product may differ based on options