



## ApplianceStor 30T

Performance Video Surveillance Appliance

VMS Viewing & Administration Server providing leading edge high performance and exceptional Viewing capability is ideally suited for most installations

### Features

#### Optimized

Designed and optimized for the video surveillance market. It delivers the performance required for the most demanding megapixel installations.

#### Open

Purpose built open platform to integrate Video Management Software. We have prequalified all major OS and VMS providers. We continually add more to ensure the widest possible certification coverage.

#### Video Class

Video class drives are designed for video storage to deliver reliable 24x7 operation and optimized for power consumption, quiet operation, video streaming while having high reliability and capacity. This ensures the highest video storage performance, with enterprise-class reliability and a significant system cost savings.

#### Flexible Size

Flexible design allows the AS30 to be used as a standalone in smaller megapixel deployments. The AS30T matches the perfect storage capacity with exceptional performance to ensure optimal, cost effective and dependable video storage.

### Simple

The ApplianceStor 30 Tower integrates VMS (Video Management Software) and storage into a simple to use, high performance video surveillance storage server solution. AS30T comes standard prebuilt and preconfigured with the OS installed and tested. Most popular VMS's can also be preinstalled on request. Guaranteed performance with all major VMS solutions prequalified on the AS30T. It is easy to install and maintain.

### Powerful

The AS30T is a powerful server and storage system, built around the high performance Intel® Skylake Xeon® E3-1230v5 quad-core server class processor with up to 3.8GHz clock speeds and fast 2133 MHz ECC DDR4 memory. The AS30T offers high performance and bandwidth connectivity to meet the requirements of the most demanding megapixel camera applications. The AS30T model has unmatched LAN connectivity with two GbE ports. With the AS30T's class leading LAN connectivity and impressive power, it is the perfect solution for small to medium sized camera deployments.

### Reliable

The AS30T only uses ECC RAM. It protects against data corruption by automatically detecting and correcting memory errors and it guarantees that video being stored read and written is always correct. Most NVRs and DVRs are not protected to this level, and with these products crucial video can be lost. The AS30T gives you peace of mind that the video is always reliably stored.

### Right Size

The AS30T is designed for smaller megapixel deployments. It is offered in 2, 3, 4, 6, 8, 10, 12, 16, and 20TB versions. The AS30T matches the perfect storage capacity with exceptional performance to ensure optimal, cost effective and dependable video storage.

### Viewing and Monitoring

Ships standard with VGA graphics for product administration and configuration. The HD video option delivers HD viewing capability while eliminating the complexity and cost for a separate of video viewing and monitoring server.

## More Features

### Easy

The AS30T provides effortless installation, management and administration. All administration functions assume technicians have basic to no storage knowledge. Once racked, setup time should be 15 minutes or less.

### Expandable

The AS30T provides six expansion slots for future expansion. Two PCI-E (1- x16 Gen 3, 1- x8 Gen 3) slots and four PCI slots support full-height, half-length cards.

### For More Information Contact:

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## Specifications

<b>Core Technology</b>	
CPU Type	Intel Skylake Xeon® E3-1230v5
Socket	LGA1151
Core Logic	Intel® C232 Chipset
Bench Mark/Clock speed	9540/3.4GHz
Memory size	8GB
Memory type	DDR4-2133 ECC UDIMM
Video Storage Performance	Up to 120Mbps / 15 MBs
<b>Expansion</b>	
Expansion Slot :	6
Slot Type:	1 x PCI-E x16 (Gen3 x16 Link)
	1 x PCI-E x8 (Gen3 x4 Link)
	4 x PCI 32 bit/33 MHz
<b>Storage</b>	
HDD Bays	2 x 3.5"
Drive support	2, 3, 4, 6, 8,10, 12, 16, 20 TB SATAIII Video Class
Removable Storage	1 x Optical DVD-RW
<b>Networking</b>	
Data Ports	2 x GbE (Intel® i210AT)
<b>Display Outputs</b>	
	up to 4
Standard Graphics	AST1400 with 64MB VRAM
Optional HD Graphics	HD 7750 1 GB DDR3 mDP, and 2x HDMI (DVI and VGA via adapters)
Opt Graphics performance	1631
Max Supported Resolution	DVI - 1920x1200 @ 60Hz
	HDMI - 4096x2160 @ 24Hz
	mDP - 4096x2160 @ 60 Hz
<b>I/O Ports</b>	
	1 x External Serial Port
	2 x USB 3.0 ports (Rear)
	4 x USB 2.0 ports (Front x 2, Rear x 2)
	1 x VGA port (disabled with optional graphics card)
	1 x PS/2 combined keyboard and mouse port
<b>Management Solution</b>	
	ASWM Enterprise 2.0
<b>Compliance</b>	
Safety	US/Canada (UL1950-CSA950)
	Europe (CE, EN55022 compliance to EU Directive 89/366/EEC)
EMI	US (FCC, CFR47 Part 15, Class A)
	Europe (CE, EN55022 & EN55024)
	Australia (C-TICK)
	Taiwan (BSMI)
	China (CCC)
<b>Physical Characteristics</b>	
Dimensions (in./mm)	17.2" x 7.9" x 18.9"/436.8mm x 200mmx 478.8mm
Weight	33lbs./6.5Kg
<b>Power</b>	
Power	Single
Voltage	110/220V AC
Watts	300W 80PLUS
<b>Operating Environment</b>	
	Designed for 24x7x365 Operation
Operation temperature	10°C ~ 35°C
Non operation temperature	-40°C ~ 70°C
Humidity:	20% ~ 90% ( Non condensing)
Operating altitude	0 to 10,000'/0 to 3000m

\* Maximum camera support is calculated using 2MP HD cameras using H.264 at 15fps.