exacqVision A-Series Rackmount Network Video Server

Adaptable configuration
Configure from 64 to 240TB, multiple Operations Systems and camera licenses

Reliability
Configurable up to RAID 6 for storage and RAID1 for OS redundancy

Impressive performance
High performance throughput up to 750 Mbps

Front-Accessible Drives for simplicity
Performing system maintenance has never been easier with front up to 12 hot swappable drives

Licenses
8 camera licenses of either Professional or Enterprise preloaded with 5 year SSA included

Enhanced security and intelligence through integrations
Add the power of tested and certified video analytics, access control, POS applications and hundreds of 3rd party cameras

	A-Series 2A	A-Series FA	A-Series FAR
IP Settings			
IP Compression	H.265/H.264/MJPEG		
Video Throughput	350Mbps (Windows) 400Mbps (Linux)	700Mbps (Windows) 750Mbps (Linux)	650Mbps (Windows) 700Mbps (Linux)
Maximum IP Streams	Up to 64 Streams	Up to 150 Streams	
Included Camera Licenses	8 (Professional or Enterprise), 5-Year SSA included exacqVision Advantage w/Illustra included		
Alarm Inputs/Outputs	USB I/O Modules (sold separately)		
Server			
Form Factor	Rackmount 2U Server		
Maximum Hard Drives	4 Front Loading	12 Hot Swappable	
Maximum Storage	72TB	288TB	
RAID	N/A	RAID 5	RAID 6
Monitor Output	(2) Display ports, (1) HDMI, (1) VGA		
Local Client Display Rate	375 FPS @ 1080P (Windows) 700 FPS @ 1080P (Linux)		
Operating System	Windows 10 Ubuntu Linux 22.04		
Operating System Location	256GB, SSD	256GB,SSD	256GB SSD (RAID 1)
CPU	i3	i7	
RAM	8GB (16GB optional)	16GB (32GB optional)	
NIC	2 x 2.5 Gbps		
General			
Dimensions	D: 584.2 mm (23 in) W: 482.6 mm (19 in) H: 88.9 mm (3.5 in)		
Power	150W (max) 100-240vac	500W (max) 100-240vac	500W (max) 100-240vac (RPSU)
Cooling	2 Internal Fans	4 Internal Fans	
Operational Temperature	40°F - 95°F 4.5°C - 35°C		
Weight	14.06 kg (31 lbs)	21.32 kg (47 lbs)	
Regulatory	FCC, EMS, CE, cNus, RoHs TAA, NDAA		
Warranty	5-Year		
Keyboard and Mouse	Included		

Ordering Information

SKU	Description
IP08-**T-2AL	exacqVision A-Series 2U Internal JBOD IP NVR 8TB - 72TB Linux Ubuntu 22.04 w/8IP Professional Lic
IP08-**T-2AL-E	exacqVision A-Series 2U Internal JBOD IP NVR 8TB - 72TB Linux Ubuntu 22.04 w/8IP Enterprise Lic
IP08-**T-2AW	exacqVision A-Series 2U Internal JBOD IP NVR 8TB - 72TB Windows 10 IoT Ent w/8IP Professional Lic
IP08-**T-2AW-E	exacqVision A-Series 2U Internal JBOD IP NVR 8TB - 72TB Windows 10 IoT Ent w/8IP Enterprise Lic
IP08-**T-FAL	exacqVision A-Series 2U Frontload RAID5 IP NVR 48TB to 288TB (0 - 200TB Use) Linux Ubuntu 22.04 w/8IP Professional Lic
IP08-**T-FAL-E	exacqVision A-Series 2U Frontload RAID5 IP NVR 48TB to 288TB (0 - 200TB Use) Linux Ubuntu 22.04 w/8IP Enterprise Lic
IP08-**T-FAW	exacqVision A-Series 2U Frontload RAID5 IP NVR 48TB to 288TB (0 - 200TB Use) Windows 10 IoT Ent w/8IP Professional Lic
IP08-**T-FAW-E	exacqVision A-Series 2U Frontload RAID5 IP NVR 48TB to 288TB (0 - 200TB Use) Windows 10 IoT Ent w/8IP Enterprise Lic
IP08-**T-FARL	exacqVision A-Series 2U redundant Front RAID6 IP NVR 48TB to 288TB (0 - 200TB Use) Linux Ubuntu 22.04 w/8IP Professional Lic
IP08-**T-FARL-E	exacqVision A-Series 2U Redundant Front RAID6 IP NVR 48TB to 288TB (0 - 200TB Use) Linux Ubuntu 22.04 w/8IP Enterprise Lic
IP08-**T-FARW	exacqVision A-Series 2U Redundant Front RAID6 IP NVR 48TB to 288TB (0 - 200TB Use) Windows 10 IoT Ent w/8IP Professional Lic
IP08-**T-FARW-E	exacqVision A-Series 2U Redundant Front RAID6 IP NVR 48TB to 288TB (0 - 200TB Use) Windows 10 IoT Ent w/8IP Enterprise Lic

**replaces different storage capacity options

Note: Servers with Windows OS come with Kantech-Onboard included

Upgrades

MEM-08G-1	Adding 8Gb (1x8Gb) Ram for total of 16Gb, Not field upgradable for A_2A
MEM-08G-2	Adding 16Gb (2x8Gb) RAM for a total of 32Gb, not field upgradable for A_FA and F_FAR series
NIC-10G-2SFP	(2) SFP 10Gbps NIC expansion, Intel compatible SFP modules only, not field upgradable
NIC-10G-2RJ45	(2) RJ45 Copper 10Gbps NIC expansion, not field upgradable

C-Series (Client)

C2-00T-16SL	exacqVision C-Series 16 stream live monitoring client 0TB workstation Linux Ubuntu 22.04
C2-00T-32SL	exacqVision C-Series 32 stream live monitoring client 0TB workstation Linux Ubuntu 22.04
C2-01T-32SL	exacqVision C-Series 32 stream live monitoring client 1TB workstation Linux Ubuntu 22.04
C2-00T-32SW	exacqVision C-Series 32 stream live monitoring client 0TB workstation Windows 10 IoT Ent
C2-01T-32SL	exacqVision C-Series 32 stream live monitoring client 1TB workstation Windows 10 IoT Ent

Accessories

5000-50100	exacqVision desktop surveillance keypad for Windows and Linux client applications. Includes 10 character numeric entry, 16 user definable buttons, pan/tilt/zoom joystick, left/right arrow wheel. Comes with one year of warranty.
5000-50200	External USB input/output module with 8 TTL inputs, 4 TTL outputs, 1 relay output, 1 RS-485. No external power required.

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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