

EXACQ

exacqVision Video Solutions

# Powerful Video Surveillance Made Easy —Single Camera to Enterprise

## exacqVision: Intuitive, Powerful, Cost-Effective Video Surveillance

The exacqVision video management portfolio, comprised of video management software (VMS), network video recorders (NVR), and storage servers, is known for its ease of install and use, and low maintenance costs. The powerful exacqVision VMS is available on factory-installed IP servers and works with a wide range of commercially available off-the-shelf servers. Its intuitive and powerful feature set make it an ideal choice for many security-conscious applications including those in education, corporate, retail and healthcare.

For more than two decades, the Exacq brand has been synonymous with reliable video management solutions that are highly intuitive and very cost-effective. From small, single-camera systems to large, scalable deployments with thousands of cameras, the exacqVision portfolio provides an ideal security solution for nearly any application – particularly those requiring an uncomplicated installation process and intuitive user experience.

## Video Management Made Easy

The exacqVision VMS is an easy-to-use, feature-rich system that lets customers easily manage live and recorded video, either for small stand-alone systems or for sprawling enterprise systems. For a unique Edge experience, exacqVision Edge VMS installs directly on any compatible IP camera to provide a complete solution without the need for a separate server. Compatible with thousands of IP camera models and a large number of access control systems, point-of-sale (POS) systems, and retail and video analytics, the exacqVision VMS is one of the industry's most flexible solutions.

ExacqVision supports more than 5,000 integrated camera models from over 100 different camera manufacturers, leading to one of the widest camera integrations by a single VMS software in the surveillance industry.

## IP Video Recorders

The exacqVision line of IP recorders provide a complete, out-of-the-box video solution. Use exacqVision recorders for a pure IP surveillance system that's scalable and cross-compatible. All recorders are unified through the freely distributed exacqVision client software, and every exacqVision recorder comes pre-loaded with exacqVision VMS software and up to a 5-year warranty with a software subscription agreement (SSA). Access to exacqVision recorders is also available through most internet browsers and via the free Exacq Mobile app for iOS and Android.

## Kantech Access Control

Kantech Access Control systems integrate with our exacqVision network video recorders, creating a high-performance video surveillance and access control system on a single server. With reduced costs and simplified installation, Kantech systems support scalability, managing thousands of doors and cardholders while offering real-time monitoring and multiplatform control. With pre-installed Windows hardware, Kantech Access Control systems integrate with other networks like HVAC and intrusion alarm panels for a comprehensive security solution.

## Built-In Cybersecurity Controls

The exacqVision solution not only protects your facility from physical threats—it's designed to defend against cyber threats as well. With built-in cybersecurity controls, safeguards are in place to guard against unauthorized access, simplify management of user accounts, facilitate least-privilege assignment of permissions and limit network exposure by controlling settings for ports, protocols and interfaces. The system will even send software update notifications so you can download the latest exacqVision security enhancement.

## NVR Server Series



C-Series



G-Series Micro



G-Series PoE



Q-Series



A-Series



X-Series

# NVR servers

	C-Series		G-Series			Q-Series
	Workstation 16S	Workstation 32S	Micro	8Ch POE	16Ch POE	Desktop
						
<b>Form Factor</b>	Appliance	Appliance	Appliance	POE Embedded	POE Embedded	Desktop
<b>Dimensions</b>	D: 177.8mm (7 in) W: 177.8mm (7 in) H: 50.8mm (2 in)	D: 177.8mm (7 in) W: 177.8mm (7 in) H: 50.8mm (2 in)	D: 177.8mm (7 in) W: 177.8mm (7 in) H: 50.8mm (2 in)	D: 228.6 mm (9 in) W: 355.6mm (14 in) H: 50.8mm (2 in)	D: 406.4 mm (16 in) W: 355.6mm (14 in) H: 50.8mm (2 in)	D: 317.5 mm (12.5) W: 330.2 mm (13 in) H: 101.6 mm (4 in)
<b>Cooling</b>	(1) Internal Fan	(1) Internal Fan	(1) Internal Fan	(1) Internal Fan	(1) Internal Fan	(1) Internal Fan
<b>Weight</b>	1.82 kg (4 lbs)	1.82 kg (4 lbs)	1.82 kg (4 lbs)	2.72 Kg (6lbs)	4.54 Kg (10 lbs)	4.99 kg (11 lbs)
<b>Power</b>	120W (max) 120-240vac	150W (max) 120-240vac	120W (max) 120-240vac	260W(max) 100-240vac	400W (max) 100-240vac	100W (max) 100-240vac
<b>Maximum IP Streams</b>	N/A	N/A	8 Streams	8 Streams (Throughput Dependent)	16 Streams (Throughput Dependent)	Up to 64 Streams (Throughput Dependent)
<b>Video Throughput</b>	N/A	N/A	120Mbps (Linux)	120Mbps (Linux)	120Mbps (Linux)	350Mbps (Windows) 400Mbps (Linux)
<b>POE Power</b>	N/A	N/A	N/A	120W total 30W per channel Max	240W total 30W per channel Max	N/A
<b>Display Rate</b>	15 FPS per Stream 960FPS @ 1080P	30 FPS per Stream 960FPS @ 1080P	540FPS @ 1080P (L)	240 FPS @1080p (L)	480 FPS @1080p (L)	300 FPS @ 1080p (W) 600 FPS @ 1080P (L)
<b>Included Camera Licenses</b>	N/A	N/A	8 (Pro or Ent)	8 (Pro or Ent)	8 (Pro or Ent)	8 (Pro or Ent)
<b>Compression</b>	N/A	N/A	MJPEG, H.264, H.265	MJPEG, H.264, H.265	MJPEG, H.264, H.265	MJPEG, H.264, H.265
<b>CPU</b>	Celeron G6900E	i5-13400	Celeron G6900E	Celeron J6412	Celeron J6412	i3-13100E
<b>RAM</b>	8GB	2 x 8GB (16GB)	8GB	4GB	4GB	8GB
<b>Operating System</b>	Ubuntu Linux 22.04	Windows 10, Ubuntu Linux 22.04	Ubuntu Linux 22.04	Ubuntu Linux 22.04	Ubuntu Linux 22.04	Windows 10, Ubuntu Linux 22.03
<b>Operating System Location</b>	256GB, SSD	256GB, SSD	256GB, SSD	On Storage Drive	On Storage Drive	256GB, SSD
<b>Maximum Hard Drives</b>	-	1 Fixed Drive	1 Fixed Drive	1 Fixed Drive	1 Fixed Drive	1 Fixed Drive
<b>Maximum Storage</b>	-	1TB	1TB	12TB	12TB	48TB
<b>Ports</b>	Front: 2 USB 3.1, 2 USB 2.0, 1 USB-C 2 3.5mm Mic-In/Line-In/Line-Out Rear: 2 USB 3.1, 1 USB 2.0 2 DisplayPort, WiFi Ant.	Front: 2 USB 3.1, 2 USB 2.0, 1 USB-C 2 3.5mm Mic-In/Line-In/Line-Out Rear: 2 USB 3.1, 1 USB 2.0 2 DisplayPort, WiFi Ant.	Front: 2 USB 3.1, 2 USB 2.0, 1 USB-C 2 3.5mm Mic-In/Line-In/Line-Out Rear: 2 USB 3.1, 1 USB 2.0 2 DisplayPort	Front: 2 USB 2.0 Rear: 4 USB 3.1, 1 HDMI, 1 DVI-I 1 Serial, 3 3.5mm Line-in/Line-out/ Mic-in, 8 802.3af/at PoE ports (8 ports @ 15W or 4 ports @ 30W)	Front: 2 USB 2.0 Rear: 2 USB 3.1, 2 USB 2.0, 1 HDMI, 1 DVI-I, 1 Serial, 1 1 Gbps NIC, 1 2.5 Gbps NIC, 3 3.5mm Line-in/Line-out/ Mic-in, 16 802.3af/at PoE ports (16 ports @ 15W or 8 ports @ 30W)	Front: 2 USB 3.0 Rear: 2 USB 3.2, 2 USB 2.0, 2 Serial, 2 DP, 1 HDMI, 1 VGA 2 3.5mm Mic-in/Line out
<b>RAID</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>NIC</b>	1 x 2.5 Gbps 1 x 1 Gbps WiFi-6E	1 x 2.5 Gbps 1 x 1 Gbps WiFi-6E	1 x 2.5 Gbps, 1 x 1 Gbps	1 x 2.5 Gbps, 1 x 1 Gbps	1 x 2.5 Gbps, 1 x 1 Gbps	2 x 2.5 Gbps
<b>Upgrades</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>Accessories, Sold Separately</b>	N/A	N/A	USB I/O, Keyboard	USB I/O	USB I/O	USB I/O, Keyboard
<b>Warranty</b>	3 Years	3 Years	3 Years	3 Years	3 Years	5 Years
<b>Regulatory</b>	cNus, FCC, EMS, RoHs, CE	cNus, FCC, EMS, RoHs, CE	cNus, FCC, EMS, RoHs, CE	cNus, FCC, EMS, RoHs, CE	cNus, FCC, EMS, RoHs, CE	cNus, FCC, EMS, RoHs, CE
<b>Keyboard &amp; Mouse</b>	Included	Included	Included	Mouse Only	Mouse Only	Included

# NVR servers

	A-Series			X-Series	
	2A	FA	FAR	1U	2U
					
<b>Form Factor</b>	Rackmount 2U	Rackmount 2U	Rackmount 2U	Rackmount 1U	Rackmount 2U
<b>Dimensions</b>	D: 584.2 mm (23 in) W: 482.6 mm (19 in) H: 88.9 mm (3.5 in)	D: 584.2 mm (23 in) W: 482.6 mm (19 in) H: 88.9 mm (3.5 in)	D: 584.2 mm (23 in) W: 482.6 mm (19 in) H: 88.9 mm (3.5 in)	D: 598.94 mm (23.58 in) with bezel W: 482 mm (18.98 in) H: 42.8 mm (1.69 in)	D: 721.62 mm (28.4 in) with bezel W: 482.0 mm (18.97 in) H: 86.8 mm (3.41 in)
<b>Cooling</b>	(2) Internal Fans	(4) Internal Fans	(4) Internal Fans	(4) Internal Fans	(4) Internal Fans
<b>Weight</b>	14.06 kg (31 lbs)	21.32 kg (47 lbs)	21.32 kg (47 lbs)	53.636LBS (24.33Kg)	78.012LBS (35.46Kg)
<b>Power</b>	150W (max) 100-240vac	500W (max) 100-240vac	500W (max) 100-240vac (RPS)	600W (max) 100-240vac (RPS)	800W (max) 100-240vac (RPS)
<b>Maximum IP Streams</b>	Up to 64 Streams (Throughput Dependent)	Up to 150 Streams (Throughput Dependent)	Up to 150 Streams (Throughput Dependent)	Up to 150 Streams (Throughput Dependent)	Up to 175 Streams (Throughput Dependent)
<b>Video Throughput</b>	350Mbps (Windows) 400Mbps (Linux)	700Mbps (Windows) 750Mbps (Linux)	650Mbps (Windows) 700Mbps (Linux)	550Mbps (Windows) 600 Mbps (Linux)	825Mbps (Windows) 950Mbps (Linux)
<b>POE Power</b>	N/A	N/A	N/A	N/A	N/A
<b>Display Rate</b>	375 FPS @ 1080P (W) 700 FPS @ 1080P (L)	375 FPS @ 1080P (W) 750 FPS @ 1080P (L)	375 FPS @ 1080P (W) 750 FPS @ 1080P (L)	N/A	N/A
<b>Included Camera Licenses</b>	8 (Pro or Ent)	8 (Pro or Ent)	8 (Pro or Ent)	8 (Pro or Ent)	9 (Pro or Ent)
<b>Compression</b>	MJPEG, H.264, H.265	MJPEG, H.264, H.265	MJPEG, H.264, H.265	MJPEG, H.264, H.265	MJPEG, H.264, H.265
<b>CPU</b>	i3-13100E	i7-13700E	i7-13700E	Xeon E-2334G 6 Cores/12 Threads	Xeon Silver 4310 12 Cores/24 Threads
<b>RAM</b>	8GB	2 x 8GB (16GB)	2 x 8GB (16GB)	2 x 8GB (16GB)	2 x 16GB (32GB)
<b>Operating System</b>	Windows 10, Ubuntu Linux 22.04	Windows 10, Ubuntu Linux 22.04	Windows 10, Ubuntu Linux 22.04	Windows Server 2022, Ubuntu Linux 22.04	Windows Server 2022, Ubuntu Linux 22.04
<b>Operating System Location</b>	256GB, SSD	256GB, SSD	256GB x 2, SSD (RAID 1)	240GB, SSD (RAID 1)	480GB, SSD (RAID 1)
<b>Maximum Hard Drives</b>	4 Front Loading	12 Hot Swappable	12 Hot Swappable	4 Hot Swappable	12 Hot Swappable
<b>Maximum Storage</b>	72TB	288TB	288TB	64TB	288TB
<b>Ports</b>	Front: 2 USB 3.1 Rear: 2 USB 3.2, 2 USB 2.0, 2 Serial, 2 DP, 1 HDMI, 1 VGA 2 3.5mm Mic-In/Line-Out/Line-In	Front: 2 USB 3.1 Rear: 5 USB 3.2, 1 USB Type C, 2 Serial, 1 DP, 1 HDMI, 1 VGA 3 3.5mm Mic-In/Line-Out/Line-In	Front: 2 USB 3.1 Rear: 5 USB 3.2, 1 USB Type C, 2 Serial, 1 DP, 1 HDMI, 1 VGA 3 3.5mm Mic-In/Line-Out/Line-In	Front: (1) Micro-AB USB / (1) x USB 2.0 Rear: (1) USB 2.0 / (1) USB 3.0 / (1) Serial / (1) VGA / (1) iDRAC	Front: (1) Micro-AB USB / (1) x USB 2.0 / (1) x VGA Rear: (1) USB 2.0 / (1) Serial / (1) USB 3.0 / (1) VGA
<b>RAID</b>	N/A	RAID 5	RAID 6 OS:RAID 1	RAID 5 OS: RAID 1	RAID 6 OS: RAID 1
<b>NIC</b>	2 x 2.5 Gbps	2 x 2.5 Gbps	2 x 2.5 Gbps	6 x 1 Gbps	2 x 1 Gbps + 2 x 10 Gbps
<b>Upgrades</b>	+8GB Memory (16GB Total)	+16GB Memory (32GB total)	+16GB Memory (32GB total)	-	-
<b>Accessories, Sold Separately</b>	USB I/O, Keyboard	USB I/O, Keyboard	USB I/O, Keyboard	USB I/O, Keyboard	USB I/O, Keyboard
<b>Warranty</b>	5 Years	5 Years	5 Years	5 Years, Dell next day on-site support	5 Years Dell next day on-site support
<b>Regulatory</b>	cNus, FCC, EMS, RoHS, CE	cNus, FCC, EMS, RoHS, CE	cNus, FCC, EMS, RoHS, CE	UL, FCC, EMS, RoHS	UL, FCC, EMS, RoHS
<b>Keyboard &amp; Mouse</b>	Included	Included	Included	Sold Separately	Sold Separately

## About Johnson Controls

At Johnson Controls (NYSE:JCI), we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

Building on a proud history of nearly 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, with a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world's largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.

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