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exacqVision Z-Series
Hybrid & IP Network Video Recorders

Key Features

- Store up to 240 TB with front-accessible storage and expand to over 1.6 PB with exacqVision S-Series networked storage
- Continuously record up to 128 IP and 64 analog cameras at 1200 Mbps per server for surveillance vigilance
- Separate operating system and video storage volumes prevent loss of critical video
- Solid state drives and optional RAID 5 or RAID 6 provides uninterrupted operation
- Pre-loaded with exacqVision Professional software for out of the box simplicity
- Compatible with Illustra and thousands of other IP camera models, making it easy to find the right camera

Extremely High Performance

The video surveillance requirements of large organizations are often demanding: ample and dependable video retention, intuitive management software, easy expansion, robust integration capabilities. Z-Series Hybrid and IP recorders deliver, offering the highest available throughput, retention, and availability in the exacqVision portfolio, backed by a 3-year warranty.

Designed for Continuous Uptime

Z-Series recorders are designed to avoid downtime with built-in redundant power supplies and video preservation via RAID 5 or RAID 6. With the operating system installed on a separate solid-state drive, critical video is preserved even in the event of drive failure. Additionally, the cloud-based Enterprise System Manager lets users proactively monitor the system health of Z-Series NVRs. An intuitive dashboard provides constant monitoring of server vitals and sends immediate notifications of potential issues such as HDD, fan or power supply failures.

Reliable Security, Easy Setup

exacqVision Z-Series NVRs are powerful, and yet easy to setup and use, getting even the most expansive enterprise up and running quickly.

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The recorder is pre-loaded with exacqVision Professional video management system (VMS) software and allows for quick camera setup using EasyConnect. Simply plug in cameras and use the exacqVision Client to automatically find, connect and begin recording.

View Video Anywhere, Anytime

Along with the free client viewing software, exacqVision offers a free mobile app, giving users the ability to view their video and data on the go. Exacq Mobile, available for iOS and Android devices, gives users peace of mind, knowing they can always keep an eye on their business.

Enhance Security and Intelligence through Integrations

Add the power of tested and certified video analytics, access control, point-of-sale applications and more for enhanced security and business intelligence. All installed on one Z-Series NVR, the integrated systems combine to provide a holistic solution that can address any security challenge without taking up additional rack space.

Scalable Platform Optimizes Operations

Z-Series recorders are compatible with all exacqVision recorders and software and support thousands of IP camera models for maximum scalability. Eight IP camera licenses are included and you can easily add IP cameras as needed with our simple, per-camera license model with no base server fee.

Safeguard Against Cyber Attacks Across Devices

exacqVision Z-Series NVRs are NDAA-compliant and have been designed to be resilient against cyber threats. Our Z-Series recorders are gated, analyzed, tested, and required to meet or exceed the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program. This holistic approach to cyber protection is aimed at providing peace of mind to our customers. Our security mindset begins at initial design concept and is supported through deployment, including a rapid incident response to meet the comprehensive and evolving cybersecurity environments.

Additional Features

- Free Exacq Mobile app allows users to view video from anywhere
- Enhance security through 3rd party integrations
- Includes a 3-year hardware warranty and 5 years of unlimited software updates

Video Management System (VMS) Software

- Pre-configured with exacqVision Professional VMS software
  - EasyConnect - automatically finds, addresses and connects IP cameras
  - Two-way audio
  - Powerful integration with retail, financial and access control systems
  - Conduct investigations on recorded video, audio and data with thumbnail or timeline search
  - Bookmark important video for long-term retention
  - Video multi-streaming to optimize storage utilization and network traffic
- View video anywhere
  - Unlimited Windows/Linux/Mac PC Clients
  - Live and recorded video from any browser
  - Live and recorded video from most tablets and smartphones
- Upgrade to exacqVision Enterprise VMS Software (optional)
  - VideoPush to remotely control video wall clients
  - Case management to organize critical evidence
  - Active Directory / LDAP for IT administration of users
  - Easy, single-screen administration of cameras, users, storage and notifications
- Enterprise System Manger (optional)
  - Maximize uptime with health monitoring

Specifications

	2U	4U
Analog Settings		
Inputs	16 (looping)/32	16 (looping)/32 looping/64
Compression	H.264, MJPEG	
Frame Rate	30 FPS (NTSC) or 25 FPS (PAL) per camera	
Alarm Inputs	16 TTL	
Alarm Outputs	15 TTL & 1 relay	
Audio Inputs	16	
Audio Outputs	2	2/2/4/4
IP Settings		
Compression	IP Cameras using MJPEG, H.264, H.265	
Maximum IP Cameras	128	
Included IP Licenses	8	
Alarm Inputs	4	8
Alarm Outputs	1 TTL & 1 relay	3 TTL & 1 Relay
Server		
Pre-Loaded VMS Software	exacqVision Professional (standard), Enterprise (optional)	
Typical Video Storage Rate	400 Mbps (Windows) 800 Mbps (Linux)	800 Mbps (Windows) 1200 Mbps (Linux)
Local Client Display Rate (fps)	Windows – 375@HD resolution Linux – 720@HD resolution	
Maximum Hard Drives	8	20
Maximum Storage	96 TB RAID 5	240 TB RAID 6
Monitor Output	DisplayPort, HDMI, VGA (3 simultaneous monitors)	
Operating System	Windows 10 or Ubuntu Linux 20.04, Windows Server 2019 (Optional)	
Operating System Location	256 GB SSD (RAID 1 Optional)	
CPU	Intel Core i7/ Intel Xeon (optional)	
RAM	16 GB, 32 GB (optional)	
NIC	1 x 2.5Gbps, 1x 1Gbps (3 x 1Gbps, 1 x 2.5Gbps Optional; 2 x 10Gbps SPF+, 1 x 2.5Gbps, 1 x 1Gbps Optional)	
USB	2 x USB 3.2, 4 x USB 3.1, 2 x USB 2.0	
DVD	External (optional)	
Serial	1 RS485	
Audio Outputs	4	
Keyboard & Mouse	Included	
General		

Dimensions (D x W x H)	24" x 17" x 3.5" 68.6 x 42.9 x 8.9 cm	27" x 16.875" x 7" 68.6 x 42.9 x 17.8 cm
Weight	34 - 50 lbs. (15.4 – 22.7 kg)	49 - 90 lbs. (22.3 – 40.9 kg)
Regulatory	CE, FCC	

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.

For additional information, please visit www.exacq.com or follow us on Facebook, Twitter, and LinkedIn.