



exacqVision Z-Series Hybrid & IP Network Video Recorders



Features That Make a Difference:

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

Large-Capacity Storage with our Highest-Performing Enterprise Network Video Recorder

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.

Variety of Storage Options

The high-capacity Z-Series recorders can record up to 128 IP and 64 analog cameras at 1200 Mbps per server, and the exacqVision Client can display up to 900 fps on HD streams.

That much video can require a lot of storage, and Z-Series servers feature front-accessible storage up to 240 TB, expandable to over 1.6 PB with S-Series networked servers.

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.

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.

	2U	4U
ANALOG SETTINGS		
Inputs	16 (looping)/32	16 (looping)/32 looping/48/64
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		
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 - 700@HD resolution Linux - 900@HD resolution	
Maximum Hard Drives	8	20
Maximum Storage	96 TB RAID 5	240 TB RAID 6
Monitor Output	1 DVI-I + 1 HDMI + 1 VGA, max 2 simultaneous monitors	
Operating System	Windows 10 IoT, Windows 2012 R2 (optional), Ubuntu Linux 16.04	
CPU	Gen 7 Intel Core i7/ Intel Xeon E3-1275 v6 (optional)	
RAM	8 GB, 16 GB (optional)	
NIC	2 x 1 Gbps, 2 x 10 Gbps SPF+ (optional)	
USB	6 (2 front, 4 rear)	
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, cULus, UL Listed	
Power Supplies	Dual Hot Swap	
Operating Temperature	40° - 95° F (4.5° - 35° C)	

Related Products



exacqVision
VMS Software



Exacq Mobile App



exacqVision
S-Series Storage



Illustra IP
Cameras