



# exacqVision **Z-Series**

## IP Camera Servers *IP Cameras and Encoders*

### exacqVision Z-Series IP Camera Servers

*High Performance, High Reliability Servers*

*Up to 128 cameras and 80 TB storage per server*

#### Key Features & Benefits:

- **High Performance, High Reliability Servers** — Continuously records 800Mbps of video while hosting a local exacqVision client, multiple remote exacqVision clients and the exacqVision web server on a single server. Redundant, removeable power supplies, solid-state operating system drive, multiple NICs, high air flow cooling and hardware monitoring features ensure maximum uptime.
- **Up to 128 Cameras Per Server. 8 IP Camera Licenses Included** — Up to 128 IP cameras per server. Compatible with over 1,000 IP camera models. Add IP licenses as needed.
- **Enterprise-Class Storage** — Up to 80 TB of raw (72TB usable) storage per server using rugged continuous duty enterprise class drives. RAID 5 or 6 protects against 1 or 2 drive failures while maximizing usable drive space. Front mount drive bays allow for easy expansion and drive replacement. 40TB and smaller servers utilize 2TB drives for maximum throughput, 48TB and larger systems use 4TB drives for maximum capacity.
- **Rackmount, Server Chassis** — Available in 2U, 3U and 4U rackmount server chassis with locking front covers.
- **Local, Remote, Web and Mobile User Interfaces** — Access live and recorded video remotely at any time through client application on server, multiple free clients installed on remote PCs, web browsers or smart phones and tablets using the free exacq mobile app for iPhone, iPad and Android devices.
- **Unlimited Scalability** — Pre-loaded with exacqVision video management system (VMS) software that easily licenses additional IP cameras to the server's camera, data rate and storage limits. Add unlimited additional servers for greater capacity or dispersed geographic location. Upgrade to enterprise license to easily manage multiple servers.
- **Host Certified Software Applications** — All Z-series servers can host Certified Software Applications (CSA) such as video analytic or point-of-sale interfaces. CSAs are software developed by Exacq technology partners and tested by Exacq for reliable operation on exacqVision servers. Save hardware costs, rack space, and support costs by loading multiple applications on one exacqVision server.
- **3-Year Hardware Warranty, Software Subscription Agreement (SSA)** — 3-year hardware warranty and SSA included. Update client, server and web server software with the latest exacqVision software features at no additional cost during the 3-year SSA period.



IP Camera Settings	2U	3U	4U
Maximum IP Cameras	Expandable to 128 cameras per server (data rate dependent)		
Included IP Licenses	8 licenses included		
Alarm Inputs	0	8	8
Alarm Outputs	0	3 TTL & 1 relay	3 TTL & 1 relay
Server Features	2U	3U	4U
Pre-Loaded VMS Software	exacqVision Professional (standard), exacqVision Enterprise (optional)		
Typical Video Storage Rate (Mbps)	400 Mbps (Windows) 550 Mbps (Linux)	500 Mbps (Windows) 650 Mbps (Linux)	600 Mbps (Windows) 800 Mbps (Linux)
Local Client Display Rate (FPS)	1200 (Windows), 700 (Linux)		
Server Operating System	Windows 7 64 bit, Windows 2008 R2 (Optional) or Linux Ubuntu 10.04 (kernel 3.0)		
Operating System Drive	60 GB SSD		
Maximum Hard Drives	8	16	20
Maximum Storage	32 TB RAID-5	64 TB RAID-6	80 TB RAID-6
CPU	Gen 3 Intel® Core i7 (standard), Gen 3 Intel® Xeon E3 (optional)		
RAM	8 GB		
NIC	2 x1 Gbps (standard), 4 x 1 Gbps (optional)		
USB Ports	8 USB (2 front, 6 rear)		
Monitor Output	1 DVI-I, 1 DVI-D, 1 Display Port, maximum 2 simultaneous monitors		
DVD/CD RW	Included		
Serial Connection	N/A		
Audio Outputs	1		
Keyboard & Mouse	Included		
Warranty	3 years, parts & labor plus 3 years SSA included 		
General	2U	3U	4U
Dimensions (l x w x h)	27 x 16.875 x 3.5 in 68.6 x 42.9 x 8.9 cm	26.5 x 16.875 x 5.5 in 67.4 x 42.9 x 14 cm	27 x 16.875 x 7 in 68.6 x 42.9 x 17.8 cm
Weight	39 – 53 lbs 17.7 – 24.1 kg	44 – 72 lbs 20 – 32.7 kg	49 – 90 lbs 22.3 – 40.9 kg
Regulatory	CE (Class A), FCC (Class A), UL-Listed		
Input Voltage	120/240 VAC auto-sensing		
Power Supplies	Dual Hot Swappable		
Power & Heat	240 Watts/790 BTU/h (Max) 170 Watts/570 BTU/h (Typical)	340 Watts/1140 BTU/h (Max) 180 Watts/610 BTU/h (Typical)	390 Watts/1320 BTU/h (Max) 210 Watts/700 BTU/h (Typical)
Operating Temperature	40° – 95°F (4.5° – 35°C)		
Server Revision	D1	D1	E1
Compatible Client Operating System	Windows 7, Vista, XP, Server 2003/2008 32-bit or 64-bit Linux (Ubuntu) Mac OS X   		

Specifications subject to change. Visit [www.exacq.com](http://www.exacq.com) for the most current product specifications.

All part numbers can be found in the product catalog at: <https://exacq.com/catalog/>



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