

# exacqVision

Powerful, Intuitive IP Video Surveillance Software & Servers  
From Complete Single Camera to Enterprise Solutions

## Product Brochure



Now Featuring **EasyConnect**

*The Power of IP Cameras with the Simplicity of Analog*



Server: Win/Linux Client: Win/Linux/Mac



Mobile App: iOS/Android/Windows Phone 8



Web Client: Google Chrome / Mozilla Firefox / Microsoft Explorer / Safari / Opera

**exacq**

[www.exacq.com](http://www.exacq.com)



+1.317.845.5710  
+44.2087.505660  
+852.8120.9275  
+65.6319.9826

USA (Corporate Headquarters)  
United Kingdom/Europe  
Hong Kong  
Asia / Pacific

*From Tyco Security Products*

# exacqVision Server & Hardware Cheatsheet

(effective April 2015)

	LC-Series		ELP-Series				A-Series						Z-Series				
	IPS	Hybrid	IPS		Hybrid		IPS			Hybrid			IPS			Hybrid	
Hardware configurations are subject to change without notice.																	
<b>Form Factor</b>	LC-IPS	LC-Hybrid	ELP	ELPR	ELP	ELPR	Desktop	2U	4U	Desktop	2U	4U	2U	3U	4U	2U	4U
<b>Analog Inputs</b>		8/16			8/16	8/16				8/16/32	16/32	16/32/48/64				16 looping/32	16 looping/32 looping/48/64
<b>Frame Rate</b>	25/30 FPS per input				25/30 FPS per input					25/30 FPS per input						25/30 FPS per input	
<b>Alarm Inputs</b>	Up to 48 (optional USB I/O)				4 TTL	4 TTL				8 TTL	16 TTL	16 TTL				16 TTL	16/16/8/8 TTL
<b>Alarm Outputs</b>	Up to 20 24TTL, 6 Relay (optional USB I/O)				2 TTL, 1 Relay	2 TTL, 1 Relay				3 TTL & 1 Relay	15 TTL & 1 Relay	15 TTL & 1 Relay				15 TTL & 1 Relay	15 TTL & 1 Relay
<b>Analog Outputs</b>		1			1	1				1/2/2	2/2	2/2				2	2/2/4/4
<b>Audio Inputs</b>		8/16			4	4				16	16	8/16/32				16	16
<b>Max IP Cameras</b>	16		24				64						128				
<b>Included IP Camera Licenses</b>	4 (Start)		4				4			4 or 8	8	8	8				
<b>Alarm Inputs / Outputs</b>													Inputs: 4 / Outputs: 1 TTL & 1 Relay	Inputs: 8 / Outputs: 3 TTL & 1 Relay			
<b>Pre-Loaded VMS Software</b>	Start / Professional (Optional)		Professional / Enterprise (Optional)				Professional / Enterprise (Optional)						Professional / Enterprise (Optional)				
<b>Typical Video Storage Rate (Mbps)</b>	100	100	200	200	200	200	250 (Windows) 300 (Linux)	300 (Windows) 450 (Linux)	350 (Windows) 550 (Linux)	250 (Windows) 300 (Linux)	300 (Windows) 450 (Linux)	350 (Windows) 550 (Linux)	400 (Windows) 800 (Linux)	600 (Windows) 1000 (Linux)	800 (Windows) 1200 (Linux)	400 (Windows) 800 (Linux)	800 (Windows) 1200 (Linux)
<b>Local Client Display Rate (FPS)</b>	180	180	180	180	180	180	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)						Windows: 1800 - Linux: 1200				
<b>Max Storage</b>	4 TB	4 TB	4 TB	8 TB	4 TB	8 TB	8 TB	12 TB	32 TB	8 TB	12 TB	32 TB	32 TB	64 TB	80 TB	32 TB	80 TB
<b>Removable HD</b>				Yes		Yes			Yes			Yes	Yes	Yes	Yes	Yes	Yes
<b>RAID Configuration</b>									5 (Optional)			5 (Optional)	5	6	6	5	6
<b>Operating System</b>	Ubuntu Linux 12.04		Ubuntu Linux				Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux (Optional)						Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 12.04 (Optional)				
<b>Operating System Location</b>	HD	HD	32 GB SSD				30 GB SSD Linux or 60 GB SSD Windows (Standard) 120 GB SSD (Optional)						60 GB SSD				
<b>Monitor Output</b>	DVI-D, VGA		1 DVI-I + 1 DVI-D + 1 Display Port (max 2 simultaneous monitors)				1 DVI-I + 1 HDMI + 1 Display Port (max 2 simultaneous monitors)						1 DVI-I + 1 HDMI + 1 Display Port (max 2 simultaneous monitors)				
<b>NIC</b>	1x1 Gbps		2x1 Gbps				2x1 Gbps (Standard) / 4x1 Gbps (Optional)			2x1 Gbps	2x1 Gbps	2x1 Gbps	2x1 Gbps (Standard) / 2x10 Gbps SPF+ (Optional)				
<b>Redundant Power Supply</b>									(Optional)			(Optional)	Dual Hot-Swap				
<b>Serial</b>			1	1	1	1				1	1	1	1 RS485	1 RS485	1 RS485	1 RS485	1 RS485
<b>Audio Outputs (Server)</b>			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

## S-Series - Networked Video Storage for exacqVision Recorders

	Professional	Enterprise 2U	Enterprise 4U
<b>Form Factor</b>			
<b>Archiving - Max Video Recorders</b>	16	32	64
<b>Archiving - Max Data Rate (Mbps)</b>	750 (single NIC) / 1000 (dual NIC bonding)	1500 (single NIC) / 2000 (dual NIC bonding)	
<b>Archiving - Designed for ESM</b>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Ext. Storage - Max Video Recorders</b>	8	32	64
<b>Ext. Storage - Max Data Rate (Mbps)</b>	250	350	500
<b>Ext. Storage - Designed for ESM</b>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Ext. Storage - Minimum Video Recorder OS</b>	Microsoft Server 2008, Windows 7, Linux Ubuntu 10.04		
<b>Pre-loaded VMS Software</b>	exacqVision Storage Professional	exacqVision Storage Enterprise	
<b>ESM Monitoring Compatible</b>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Storage Maximum (Internal)</b>	32 TB	32 TB RAID 5	80 TB RAID 6
<b>NIC</b>	2x1 Gbps	3x1 Gbps (2 for storage, 1 for management) or 4x1 Gbps (optional)	
<b>Operating System</b>	Ubuntu Linux 12.04		
<b>Redundant Power Supply</b>	Dual Hot Swap		



exacqVision LC-Series



exacqVision ELP-Series



exacqVision A-Series



exacqVision Z-Series



exacqVision S-Series

**What you get with an exacqVision purpose-built server:**

- 3-year Warranty
- 3 years Software Updates
- Factory installed VMS

Software specifications are subject to change without notice.

	Start	Professional	Enterprise	
<b>System</b>	Max Cameras Per Server	16 Analog / 16 IP	64 Analog / 128 IP	64 Analog / 128 IP
	Max Server Connections Per Client	1	512 (client) / 16 (web browser client)	512 (client) / 16 (web browser client)
	Windows & Linux Server Compatibility	☑	☑	☑
	Free Windows, Linux & Mac Clients	☑	☑	☑
	Browser-Based Viewing of Live/Stored Events	☑	☑	☑
	Compatible with Free Exacq Mobile App	☑	☑	☑
	EasyConnect Auto-Detect/Connect to Compatible IP Cameras	☑	☑	☑
	Fisheye/Panoramic Lens Support (Live & Recorded)	☑	☑	☑
	Client Bandwidth Throttling	☑	☑	☑
	Pre-Post Alarm Recording	☑	☑	☑
	Soft Triggers	☑	☑	☑
	Time-Lapse Recording		☑	☑
	Extended Storage		☑	☑
	Archiving		☑	☑
	Per-Camera Min/Max Retention		☑	☑
	Audit Trail		☑	☑
	Custom User Groups		☑	☑
	Third-Party Integrations		☑	☑
	Smart Search		☑	☑
	Email Notification for System Health Events		☑	☑
	exacqVision Surveillance Keyboard Support		☑	☑
	ESM Failover			☑
	Enterprise Camera Management			☑
	Enterprise Server Monitoring			☑
	Enterprise User Management			☑
	LDAP/Active Directory			☑
Compatible with exacqVision Virtual Appliance			☑	
Software Updates Included (exacqVision Servers)	3 years	3 years	3 years	
Software Updates Included (3rd Party Servers)	90 days	1 year	1 year	
<b>Live View</b>	View Cameras on Multiple Monitors	☑	☑	☑
	PTZ Control & Presets	☑	☑	☑
	Digital PTZ Control & Presets	☑	☑	☑
	Motion & Alarm Indication	☑	☑	☑
	Event Linking on Discreet Inputs	☑	☑	☑
	Event Linking on Video, Serial & Health Events		☑	☑
	Event-Driven & Time-Lapse Video Switching		☑	☑
	Camera Groups		☑	☑
	Multi-Streaming		☑	☑
	Event Notifications		☑	☑
	Two-Way Audio		☑	☑
	Maps		☑	☑
	VideoPush Video Wall			☑
	Hierarchical Maps for Fast Camera Navigation			☑
	exacqReplay Instant Replay	☑	☑	☑
	Thumbnail & Timeline Event Search	☑	☑	☑
	POS & ATM Serial Text Search	☑	☑	☑
	Multi-Camera Playback	☑	☑	☑
	Export to DVD	☑	☑	☑
	Export to .AVI or .EXE File	☑	☑	☑
	Bookmarking		☑	☑
	Multiple Camera Export		☑	☑
	Case Management			☑



### Enterprise System Manager (ESM)

Maximize the uptime of your exacqVision Enterprise recorders with ESM. Access via browser on PC or mobile device



### USB I/O Module

Add configurable trigger inputs, outputs and serial connections to expand your surveillance system.



### Surveillance Keyboard

Pre-configured for quick, easy installation and advanced control of live and recorded video from the exacqVision client.



### Exacq Mobile

Free app provides live & recorded video from multiple systems simultaneously (iOS/Android/Windows Phone 8)



### exacqVision edge

**exacqVision Edge**  
Install exacqVision Edge directly onto compatible IP cameras for a complete, full-featured VMS without a server.

### exacqVision virtual



**exacqVision Virtual**  
Pre-configured VMware Ready virtual appliance supported on systems with exacqVision Enterprise licenses.

### exacqVision E-Series



### E-Series Encoders

Single and 4-channel cost-effective encoders to convert analog cameras to IP to utilize exacqVision IP camera servers.



## Try exacqVision Now!

Connect to our demo servers or install the server software to your own computer and IP cameras with a full-featured free trial license. Try the exacqVision web browser client or the free Exacq Mobile app.

[www.exacq.com/tryexacqvision](http://www.exacq.com/tryexacqvision)