

# 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)

From Tyco Security Products



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# exacqVision Server & Hardware Cheatsheet

(effective February 2016)

	LC-Series			ELP-Series			A-Series			Z-Series				
	IPS	Hybrid	IPS	ELP	ELPR	Hybrid	IPS	Desktop	4U	Hybrid	IPS	2U	4U	Hybrid
<b>Hardware configurations are subject to change without notice.</b>														
<b>Form Factor</b>	LC-IPS	LC-Hybrid	ELP	ELPR	ELPR	Hybrid	2U	Desktop	4U	2U	3U	2U	4U	2U
<b>Analog Inputs</b>														
<b>Frame Rate</b>	25/30 FPS per input	8/16	25/30 FPS per input	8/16	8/16	25/30 FPS per input	8/16/32	8/16/32	16/32/48/64	16/32/48/64	16/32/48/64	16/32/48/64	16/32/48/64	16/32/48/64
<b>Alarm Inputs</b>	Up to 48 (optional USB I/O)	4 TTL	4 TTL	4 TTL	4 TTL	25/30 FPS per input	16 TTL	16 TTL	16 TTL	16 TTL	16 TTL	16 TTL	16 TTL	16 TTL
<b>Alarm Outputs</b>	Up to 20, 24 TTL, 6 Relay (optional USB I/O)	2 TTL, 1 Relay	2 TTL, 1 Relay	2 TTL, 1 Relay	2 TTL, 1 Relay	15 TTL & 1 Relay	15 TTL & 1 Relay	15 TTL & 1 Relay	15 TTL & 1 Relay	15 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	1	2/2	2/2	2/2	2/2/4/4	2/2/4/4	2	2	2	2/2/4/4
<b>Audio Inputs</b>	8/16	4	4	4	4	16	16	16	8/16/32	8/16/32	16	16	16	16
<b>Max IP Cameras</b>	16	24	24	24	24	64	64	64	128	128	16	16	16	16
<b>Included IP Camera Licenses</b>	4 (Start)	4	4	4	4	8	8	8	8	8	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)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)	Professional / Enterprise (Optional)
<b>Typical Video Storage Rate (Mbps)</b>	100	100	200	200	200	250 (Windows) 300 (Linux)	300 (Windows) 450 (Linux)	250 (Windows) 300 (Linux)	350 (Windows) 550 (Linux)	300 (Windows) 450 (Linux)	400 (Windows) 800 (Linux)	400 (Windows) 800 (Linux)	400 (Windows) 800 (Linux)	800 (Windows) 1200 (Linux)
<b>Local Client Display Rate (FPS)</b>	270	270	270	270	270	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)	Windows: 480 (Standard CPU) / 1100 (i5) / 1800 (i7) - Linux: 600 (Standard CPU) / 1000 (i5) / 1200 (i7)
<b>Max Storage</b>	4 TB	4 TB	6 TB	12 TB	6 TB	12 TB	18 TB	48 TB	8 TB	12 TB	48 TB	96 TB	120 TB	32 TB
<b>Removable HD</b>			Yes	Yes	Yes						Yes	Yes	Yes	Yes
<b>RAID Configuration</b>						5 (Optional)	5 (Optional)	5 (Optional)	5 (Optional)	5 (Optional)	5	6	6	5
<b>Operating System</b>	Ubuntu Linux 14.04	Ubuntu Linux 14.04	Ubuntu Linux 14.04	Ubuntu Linux 14.04	Ubuntu Linux 14.04	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)	Windows 7 64-bit (Standard) / Windows 2012 R2 or Ubuntu Linux 14.04 (Optional)
<b>Operating System Location</b>	HD	HD	30 GB SSD	30 GB SSD	30 GB SSD	30 GB SSD Linux or 60 GB SSD Windows (Standard) 120 GB SSD (Optional)	30 GB SSD Linux or 60 GB SSD Windows (Standard) 120 GB SSD (Optional)	30 GB SSD Linux or 60 GB SSD Windows (Standard) 120 GB SSD (Optional)	30 GB SSD Linux or 60 GB SSD Windows (Standard) 120 GB SSD (Optional)	30 GB SSD Linux or 60 GB SSD Windows (Standard) 120 GB SSD (Optional)	60 GB SSD	60 GB SSD	60 GB SSD	60 GB SSD
<b>Monitor Output</b>	HDMI, VGA	HDMI, VGA	1 DVI-I + 1 HDMI + 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)	1 DVI-I + 1 HDMI + 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)	1 DVI-I + 1 HDMI + 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)	1 DVI-I + 1 HDMI + 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	1x1 Gbps	2x1 Gbps	2x1 Gbps	2x1 Gbps	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)	2x1 Gbps (Optional)
<b>Redundant Power Supply</b>						(Optional)	(Optional)	(Optional)	(Optional)	(Optional)	1 RS 485	1 RS485	1 RS485	1 RS485
<b>Serial</b>														
<b>Audio Outputs (Server)</b>			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>	Professional	Enterprise 2U	Enterprise 4U
<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"/>	<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"/>	<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		
<b>ESM Monitoring Compatible</b>	exacqVision Storage Enterprise		
<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 Z-Series



exacqVision S-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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Free Windows, Linux & Mac Clients	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Browser-Based Viewing of Live/Stored Events	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Compatible with Free Exacq Mobile App	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	EasyConnect Auto-Detect/Connect to Compatible IP Cameras	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Fisheye/Panoramic Lens Support (Live & Recorded)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Client Bandwidth Throttling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Pre-Post Alarm Recording	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Soft Triggers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Time-Lapse Recording		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Extended Storage		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Archiving		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Per-Camera Min/Max Retention		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Audit Trail		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Custom User Groups		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Third-Party Integrations		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Smart Search		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Email Notification for System Health Events		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	exacqVision Surveillance Keyboard Support		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	ESM Failover			<input checked="" type="checkbox"/>
	Enterprise Camera Management			<input checked="" type="checkbox"/>
	Enterprise Server Monitoring			<input checked="" type="checkbox"/>
	Enterprise User Management			<input checked="" type="checkbox"/>
	LDAP/Active Directory			<input checked="" type="checkbox"/>
Compatible with exacqVision Virtual Appliance			<input checked="" type="checkbox"/>	
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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	PTZ Control & Presets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Digital PTZ Control & Presets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Motion & Alarm Indication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Event Linking on Discreet Inputs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Event Linking on Video, Serial & Health Events		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Event-Driven & Time-Lapse Video Switching		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Camera Groups		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Multi-Streaming		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Event Notifications		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Two-Way Audio		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Maps		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	VideoPush Video Wall			<input checked="" type="checkbox"/>
	Hierarchical Maps for Fast Camera Navigation			<input checked="" type="checkbox"/>
<b>Search, Export &amp; Archive</b>	exacqReplay Instant Replay	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Thumbnail & Timeline Event Search	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	POS & ATM Serial Text Search	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Multi-Camera Playback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Export to DVD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Export to .AVI or .EXE File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Bookmarking		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Multiple Camera Export		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Case Management			<input checked="" type="checkbox"/>



### 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

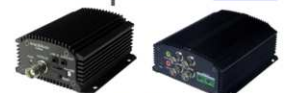
**exacqVision Edge**  
Install exacqVision Edge directly onto compatible IP cameras for a complete, full-featured VMS without a server.

### 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)