

# exacqVision®



Cross Platform IP Video Surveillance Software and Servers

Product Brochure <sup>(8.5x11)</sup>  
October 2012



**Free Mobile App**

Available on iPhone, iPad, Android & Kindle Fire

**exacqVision<sup>edge</sup>**

**Now Available:**

VMS on an IP Camera

**Scalability: Single Camera to Enterprise Installations**

**exacq<sup>®</sup>**  
Technologies

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



+1.317.845.5710  
+5255.56080817  
+44.1438.310163  
+31.485.324347  
+852.8120.9275

USA (Corporate Headquarters)  
Mexico  
United Kingdom  
Europe  
Hong Kong

| <div></div> <div>3-year warranty &amp; 3 years SSA on all exacqVision servers</div> | exacqVision <div>EL-Series</div>                                                                   |                                          |                             |                       |                             | exacqVision <div>A-Series</div>                                                                          |                           |                           |                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------|-----------------------|-----------------------------|----------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|----------------------------------------------------------------------|
|                                                                                                                                                                      | IP Camera                                                                                          |                                          |                             | Hybrid                |                             | IP Camera                                                                                                |                           |                           |                                                                      |
|                                                                                                                                                                      | EL-toaster                                                                                         | EL-mini                                  | EL-ip                       | EL-S                  | EL-SR                       | Desktop                                                                                                  | 2U                        | 4U                        | Desktop                                                              |
| Analog Inputs                                                                                                                                                        | 0                                                                                                  |                                          |                             | 8/16                  |                             | 0                                                                                                        |                           |                           | 8/16/32                                                              |
| IP Cameras                                                                                                                                                           | up to 16 (exacqVision Start) or 24 (exacqVision Pro)                                               |                                          |                             |                       |                             | Up to 64 (data rate dependent)                                                                           |                           |                           |                                                                      |
| Included IP Licenses                                                                                                                                                 | 0                                                                                                  |                                          |                             |                       |                             | 0                                                                                                        |                           |                           | 4/8/8                                                                |
| Included VMS Software                                                                                                                                                | exacqVision Start or exacqVision Professional (standard), exacqVision Enterprise Server (optional) |                                          |                             |                       |                             | exacqVision Professional (standard), exacqVision Enterprise Server (optional)                            |                           |                           |                                                                      |
| Server OS & Location                                                                                                                                                 | Linux Ubuntu 10.04 (kernel 3.0) installed on 4 GB Flash Drive                                      |                                          |                             |                       |                             | Windows 7 Pro or Server 2008 (optional on IPS only) on 30 GB HDD Partition installed on 4 GB Flash Drive |                           |                           |                                                                      |
| Analog Compression                                                                                                                                                   | N/A                                                                                                |                                          |                             | H.264/MJPEG           |                             | N/A                                                                                                      |                           |                           | H.264/MJPEG                                                          |
| Analog Frame Rate (NTSC)                                                                                                                                             | N/A                                                                                                |                                          |                             | 240/480               |                             | N/A                                                                                                      |                           |                           | 240/480/960                                                          |
| Analog Frame Rate (PAL)                                                                                                                                              | N/A                                                                                                |                                          |                             | 200/400               |                             | N/A                                                                                                      |                           |                           | 200/400/800                                                          |
| Max Hard Disk Drives                                                                                                                                                 | 2                                                                                                  | 1                                        | 2                           | 1                     | 2                           | 2                                                                                                        | 3                         | 8                         | 2                                                                    |
| Max. HD Storage                                                                                                                                                      | 4 TB                                                                                               | 2 TB                                     | 4 TB                        | 2TB                   | 4TB                         | 4TB                                                                                                      | 6TB                       | 16TB                      | 4TB                                                                  |
| RAID Configuration                                                                                                                                                   | N/A                                                                                                |                                          |                             |                       |                             | N/A                                                                                                      |                           | RAID-5 Optional           | N/A                                                                  |
| Removable HDD                                                                                                                                                        | Yes                                                                                                |                                          | Yes                         |                       | Yes                         |                                                                                                          |                           | Yes                       |                                                                      |
| Hot-swappable Drives                                                                                                                                                 |                                                                                                    |                                          |                             |                       |                             |                                                                                                          |                           |                           |                                                                      |
| Height (in/cm)                                                                                                                                                       | 6"/15.24 cm                                                                                        | 2.625"/6.7 cm                            | 2.5"/6.4 cm                 | 2.5"/6.4 cm           | 2.5"/6.4 cm                 | 5.375"/14.6 cm                                                                                           | 3.5"/8.9 cm               | 7"/17.8 cm                | 5.375"/14.6 cm                                                       |
| Width (in/cm)                                                                                                                                                        | 4"/10.16 cm                                                                                        | 11.375"/28.9 cm                          | 17"/43.2 cm                 | 17"/43.2 cm           | 17"/43.2 cm                 | 13"/33.1 cm                                                                                              | 16.75"/42.6 cm            | 16.75"/42.6 cm            | 13"/33.1 cm                                                          |
| Depth (in/cm)                                                                                                                                                        | 8.5"/21.59 cm                                                                                      | 11.875"/30.2 cm                          | 16.25"/41.28 cm             | 15"/38.1 cm           | 16.5"/42 cm                 | 15.675"/39.7 cm                                                                                          | 21.25"/54.7 cm            | 28"/71.2 cm               | 15.625"/39.7 cm                                                      |
| Weight (lbs/kg)<br>Approximate                                                                                                                                       | 5.5-9 lbs.<br>2.5-4.1 kg                                                                           | 7 lbs<br>3.2 kg                          | 12.5-14.5 lbs<br>5.7-6.6 kg | 11.45 lbs<br>5.2 kg   | 12.5-14.5 lbs<br>5.7-6.6 kg | 18.5-22 lbs<br>8.4-10 kg                                                                                 | 27-31 lbs<br>12.3-14.1 kg | 44-60 lbs<br>20-27.3 kg   | 18.5-22 lbs<br>8.4-10 kg                                             |
| Serial Connections                                                                                                                                                   |                                                                                                    | RS-232                                   | RS-232, RS-485 (optional)   | RS-485 (PTZ) & RS-232 |                             | RS-232                                                                                                   |                           | RS-232, RS-485 (optional) | RS-485 (optional)                                                    |
| DVD/CD RW                                                                                                                                                            | No (USB only)                                                                                      |                                          | Optional                    | Included              | Optional                    | Included                                                                                                 |                           |                           |                                                                      |
| Keyboard & Mouse                                                                                                                                                     |                                                                                                    | Included                                 |                             |                       |                             | Included                                                                                                 |                           |                           |                                                                      |
| NIC                                                                                                                                                                  | 2                                                                                                  | 1 (standard), 2 (optional)               |                             |                       |                             | 2 (standard), 4 (optional)                                                                               |                           |                           |                                                                      |
| Processor                                                                                                                                                            | Intel Dual Core Atom (standard) or i3 (optional on all servers except the EL-toaster)              |                                          |                             |                       |                             | Intel i3 (standard), i5 (optional)                                                                       |                           |                           |                                                                      |
| RAM                                                                                                                                                                  | 1 GB                                                                                               | 1 GB (standard), 2 GB (optional)         |                             |                       |                             | 2 GB (standard), 4 GB (optional)                                                                         |                           |                           |                                                                      |
| Redundant Power Supply                                                                                                                                               |                                                                                                    |                                          |                             |                       |                             |                                                                                                          |                           | Optional                  |                                                                      |
| USB Ports                                                                                                                                                            | 4 (4 x USB 2.0)                                                                                    | minimum 4 (4 x USB 2.0, 2 front, 2 rear) |                             |                       |                             | 8 (8 x USB 2.0)                                                                                          |                           |                           | 6 (6 x USB 2.0)                                                      |
| Display Output                                                                                                                                                       | 1 VGA                                                                                              | 1 VGA (standard) or 2 DVI (optional)     |                             |                       |                             | 1 DVI-A + 1 DVI-D + 1 Display port, <u>maximum 2 simultaneous monitors</u>                               |                           |                           | 1 VGA + 1 HDMI 1.4 + 1 DVI-D, <u>maximum 2 simultaneous monitors</u> |
| Alarm Inputs                                                                                                                                                         | 0                                                                                                  | 0                                        | 0                           | 4 TTL                 |                             | 0                                                                                                        | 0                         | 8 (optional)              | 8 TTL                                                                |
| Alarm Outputs                                                                                                                                                        | 0                                                                                                  | 0                                        | 0                           | 2 TTL, 1 Relay        |                             | 0                                                                                                        | 0                         | 1 (optional)              | 3 TTL & 1 relay output                                               |
| Video Outputs                                                                                                                                                        | 0                                                                                                  | 0                                        | 0                           | 1 spot                |                             | 0                                                                                                        | 0                         | 0                         | 1/2/2                                                                |
| Watchdog Timer                                                                                                                                                       |                                                                                                    |                                          |                             | Included              |                             |                                                                                                          |                           |                           |                                                                      |
| Audio Inputs                                                                                                                                                         | 0                                                                                                  | 0                                        | 0                           | 4                     |                             | 0                                                                                                        | 0                         | 4 (optional)              | 8/16/32                                                              |
| Audio Outputs                                                                                                                                                        | 0 (USB only)                                                                                       | 1                                        | 1                           | 1                     |                             | 1                                                                                                        | 1                         | 1                         | 1                                                                    |

# exacqVision Server & Hardware Cheatsheet

(effective October 2012)

| Series                                                                                     |                         | exacqVision Z-Series                                                                                                                       |                         |                               |                                                                                              |                        | <br>3-year warranty & 3 years SSA on all exacqVision servers |
|--------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|----------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Hybrid                                                                                     |                         | IP Camera                                                                                                                                  |                         |                               | Hybrid                                                                                       |                        |                                                                                                                                                 |
| 2U                                                                                         | 4U                      | 2U                                                                                                                                         | 3U                      | 4U                            | 2U                                                                                           | 4U                     |                                                                                                                                                 |
| 16/32                                                                                      | 16/32/48/64             | 0                                                                                                                                          |                         |                               | 16/32                                                                                        | 16/32/48/64            | Analog Inputs                                                                                                                                   |
|                                                                                            |                         | Up to 128 (data rate dependent)                                                                                                            |                         |                               |                                                                                              |                        | IP Cameras                                                                                                                                      |
| 8                                                                                          |                         | 8                                                                                                                                          |                         |                               |                                                                                              |                        | Included IP Licenses                                                                                                                            |
| Use Server (optional)                                                                      |                         | exacqVision Professional (standard), exacqVision Enterprise Server (optional)                                                              |                         |                               |                                                                                              |                        | Included VMS Software                                                                                                                           |
| on / Linux Ubuntu 10.04 (kernel 3.0)                                                       |                         | Windows 7 Pro or Server 2008 (optional on IPS only) installed on 40 GB SSD / Linux Ubuntu 10.04 (kernel 3.0) installed on 4 GB Flash Drive |                         |                               |                                                                                              |                        | Server OS & Location                                                                                                                            |
| H.264/MPEG-4/MJPEG                                                                         |                         | N/A                                                                                                                                        |                         |                               | MPEG4/MJPEG/H.264                                                                            |                        | Analog Compression                                                                                                                              |
| 480/960                                                                                    | 480/960/1440/1920       | N/A                                                                                                                                        |                         |                               | 480/960                                                                                      | 480/960/1440/1920      | Analog Frame Rate (NTSC)                                                                                                                        |
| 400/800                                                                                    | 400/800/1200/1600       | N/A                                                                                                                                        |                         |                               | 400/800                                                                                      | 400/800/1200/1600      | Analog Frame Rate (PAL)                                                                                                                         |
| 3                                                                                          | 8                       | 8                                                                                                                                          | 16                      | 20                            | 8                                                                                            | 20                     | Max Hard Disk Drives                                                                                                                            |
| 6TB                                                                                        | 16TB                    | 16TB                                                                                                                                       | 32TB                    | 40TB                          | 16TB                                                                                         | 40TB                   | Max. HD Storage                                                                                                                                 |
| N/A                                                                                        | RAID-5 Optional         | RAID-5                                                                                                                                     | RAID-6                  | RAID-6                        | RAID-5                                                                                       | RAID-6                 | RAID Configuration                                                                                                                              |
|                                                                                            | Yes                     | Yes                                                                                                                                        |                         |                               |                                                                                              |                        | Removable HDD                                                                                                                                   |
|                                                                                            |                         | Yes                                                                                                                                        |                         |                               |                                                                                              |                        | Hot-swappable Drives                                                                                                                            |
| 3.5"/8.9 cm                                                                                | 7"/17.8 cm              | 3.5"/8.9 cm                                                                                                                                | 5.5"/14 cm              | 7"/17.8 cm                    | 3.5"/8.9 cm                                                                                  | 7"/17.8 cm             | Height (in/cm)                                                                                                                                  |
| 16.75"/42.6 cm                                                                             | 16.75"/42.6 cm          | 16.875"/42.9 cm                                                                                                                            | 16.875"/42.9 cm         | 16.875"/42.9 cm               | 16.875"/42.9 cm                                                                              | 16.875"/42.9 cm        | Width (in/cm)                                                                                                                                   |
| 21.5"/54.7 cm                                                                              | 28"/71.2 cm             | 27"/68.6 cm                                                                                                                                | 26.5"/67.4 cm           | 27"/68.6 cm                   | 27"/68.6 cm                                                                                  | 27"/68.6 cm            | Depth (in/cm)                                                                                                                                   |
| 27-31 lbs<br>12.3-14.1 kg                                                                  | 44-60 lbs<br>20-27.3 kg | 39-53 lbs<br>17.7-24.1 kg                                                                                                                  | 44-72 lbs<br>20-32.7 kg | 49-90 lbs<br>22.3-40.9        | 40-55 lbs<br>18.2-25 kg                                                                      | 49-90 lbs<br>22.3-40.9 | Weight (lbs/kg)<br>Approximate                                                                                                                  |
| RS-485 (PTZ) & RS-232                                                                      |                         | RS-232                                                                                                                                     |                         |                               | RS-485 (PTZ) & RS-232                                                                        |                        | Serial Connections                                                                                                                              |
|                                                                                            |                         | Included                                                                                                                                   |                         |                               |                                                                                              |                        | DVD/CD RW                                                                                                                                       |
|                                                                                            |                         | Included                                                                                                                                   |                         |                               |                                                                                              |                        | Keyboard & Mouse                                                                                                                                |
| 2                                                                                          |                         | 2                                                                                                                                          | 2                       | 2 (standard),<br>4 (optional) | 2                                                                                            |                        | NIC                                                                                                                                             |
|                                                                                            |                         | Intel i7 (standard), Intel Xeon 3360 (optional)                                                                                            |                         |                               |                                                                                              |                        | Processor                                                                                                                                       |
|                                                                                            |                         | 4 GB                                                                                                                                       |                         |                               |                                                                                              |                        | RAM                                                                                                                                             |
|                                                                                            | Optional                | Yes                                                                                                                                        |                         |                               |                                                                                              |                        | Redundant Power Supply                                                                                                                          |
| 8 (8 x USB 2.0)                                                                            |                         | 8 (8 x USB 2.0)                                                                                                                            |                         |                               |                                                                                              |                        | USB Ports                                                                                                                                       |
| 1 VGA + 2 HDMI 1.4 (HDMI-DVI-D converter included), <u>maximum 2 simultaneous monitors</u> |                         | 1 DVI-A + 1 DVI-D + 1 Display Port<br><u>maximum 2 simultaneous monitors</u><br>Xeon option: 1 VGA only                                    |                         |                               | 1 VGA + 2 HDMI 1.4 (HDMI-DVI-D converter included)<br><u>maximum 2 simultaneous monitors</u> |                        | Display Output                                                                                                                                  |
| 16 TTL                                                                                     | 16/16/8/8 TTL           | 0                                                                                                                                          | 8                       | 8                             | 16                                                                                           | 16/16/8/8 TTL          | Alarm Inputs                                                                                                                                    |
| 15 TTL & 1 relay                                                                           | 15/15/1/1 TTL & 1 relay | 0                                                                                                                                          | 1                       | 1                             | 16                                                                                           | 16/16/1/1 TTL          | Alarm Outputs                                                                                                                                   |
| 2                                                                                          | 2/2/4/4                 | 0                                                                                                                                          | 0                       | 0                             | 2                                                                                            | 2/2/4/4                | Video Outputs                                                                                                                                   |
| Included                                                                                   |                         | Included                                                                                                                                   |                         |                               |                                                                                              |                        | Watchdog Timer                                                                                                                                  |
| 4                                                                                          | 4/4/48/64               | 0                                                                                                                                          | 4                       | 4                             | 4                                                                                            | 4/4/48/64              | Audio Inputs                                                                                                                                    |
| 1                                                                                          | 1                       | 1                                                                                                                                          | 1                       | 1                             | 1                                                                                            | 1                      | Audio Outputs                                                                                                                                   |



|                   | SOFTWARE FEATURES                               | exacqVision <sup>®</sup><br>start  | exacqVision <sup>®</sup><br>professional | exacqVision <sup>®</sup><br>enterprise   | exacqVision <sup>®</sup><br>edge     |
|-------------------|-------------------------------------------------|------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|
| System            | Server OS Compatibility                         | Windows/Linux                      | Windows/Linux                            | Windows/Linux                            | Camera OS                            |
|                   | Free Client Software                            | Windows/Linux/Mac                  | Windows/Linux/Mac                        | Windows/Linux/Mac                        | Windows/Linux/Mac                    |
|                   | Supported Browsers                              | IE, Chrome, Safari, Opera, Firefox | IE, Chrome, Safari, Opera, Firefox       | IE, Chrome, Safari, Opera, Firefox       | IE, Chrome, Safari, Opera, Firefox   |
|                   | Max Cameras Per Server                          | 16 Analog / 16 IP                  | 64 Analog / 128 IP                       | 64 Analog / 128 IP                       | 1 IP Camera or Encoder               |
|                   | Max Server Connections Per Client               | 1                                  | 512 (thick client) / 16 (web client)     | 512 (thick client) / 16 (web client)     | 512 (thick client) / 16 (web client) |
|                   | Bandwidth Throttling                            | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Pre-Post Alarm Recording                        | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Panoramic Lens Support                          | Yes                                | Yes                                      | Yes                                      | Camera Dependent                     |
|                   | Video Expiration                                | Max retention, global              | Min/Max retention by camera              | Min/Max retention by camera              | Min/Max retention by camera          |
|                   | iSCSI Support                                   |                                    | Yes                                      | Yes                                      |                                      |
|                   | NAS Support (OS Dependent)                      |                                    |                                          |                                          | Yes                                  |
|                   | Time-Lapse Recording                            |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | exacqVision Surveillance Keyboard Support       |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | 3rd Party Client Joystick Configuration         |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Soft Triggers                                   |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Audit Trail                                     |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Custom User Groups                              |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | 3rd Party Integrations                          | Command Line                       | Yes                                      | Yes                                      | Yes                                  |
| Live View         | Installs to IP Edge Device                      |                                    |                                          |                                          | Yes                                  |
|                   | PTZ Control & Presets                           | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Digital PTZ Control & Presets                   | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Multi-Monitor & Video Wall                      | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Event Linking                                   | Discrete Inputs Only               | Yes                                      | Yes                                      | Yes                                  |
|                   | Event-Driven Video Switching                    |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Camera Groups                                   |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Multistreaming                                  |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Event Notifications                             |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Maps                                            |                                    | Single-layer                             | Multi-layer                              | Multi-layer                          |
| Playback & Search | Multi-Camera Playback                           | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Simultaneous Video Export                       |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Thumbnail & Graphic Search Display              | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Event Search                                    | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | POS & ATM Serial Text Search                    | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | DVD Export                                      | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | Auto Export                                     | Yes                                | Yes                                      | Yes                                      | Yes                                  |
|                   | exacqReplay Instant Replay                      | Yes                                | Yes                                      | Yes                                      | Yes                                  |
| Enterprise        | Smart Search                                    |                                    | Yes                                      | Yes                                      | Yes                                  |
|                   | Enterprise Cameras                              |                                    |                                          | Yes                                      | Yes                                  |
|                   | Enterprise Server Monitoring                    |                                    |                                          | Yes                                      | Yes                                  |
|                   | Enterprise User Setup                           |                                    |                                          | Yes                                      | Yes                                  |
|                   | LDAP / Active Directory                         |                                    |                                          | Yes                                      | Yes                                  |
|                   | Health Monitoring                               |                                    | E-mail                                   | Enterprise Health Monitor option / email | Yes                                  |
| Updates           | Software Updates Included (exacqVision Servers) | 3 Years                            | 3 Years                                  | 3 Years                                  | 3 Years                              |
|                   | Software Updates Included (3rd Party Servers)   | 90 Days                            | 1 Year                                   | 1 Year                                   |                                      |
|                   | Upgradeable to Next Tier                        | Yes                                | Yes                                      |                                          |                                      |

IP Cameras

Access Control

Video Analytics

ACTI
 American Dynamics
 Arecont Vision
 ARKTAN
 AXIS
 BASLER
 BOSCH
 Brickcom
 Canon
 COOHU
 D-Link
 DYNACOLOR
 GANZ
 GRUNDIG
 GVI Security
 HIKVISION
 Honeywell
 HUNT
 ICANTEK
 INAXSYS
 Infinita
 interlogix
 ipx
 IQinVision
 ISD
 JVC
 LG MESSCOA
 OpenEye
 Panasonic
 PELCO
 RIVA
 SAMSUNG
 SANYO
 Scallop Imaging
 SIQURA
 SONY
 speco technologies
 StarDot Technologies
 Surveon
 TOSHIBA
 TRUEVISION
 UDP
 VIVOTEK
 AMAG
 brivo
 G.S.
 GALLAGHER
 ICT
 IDenticard
 Infinita
 Innerange
 Lenel
 MAXESS
 OPEN OPTIONS
 Paxton
 PSCC
 RedCloud
 S2 SECURITY
 Acic
 CitySync
 intuVision
 ioimage
 Mate
 via:sys
 VIDEOIQ

The latest Network Integration Partner list is available at [www.exacq.com/support/ipcams.php](http://www.exacq.com/support/ipcams.php)