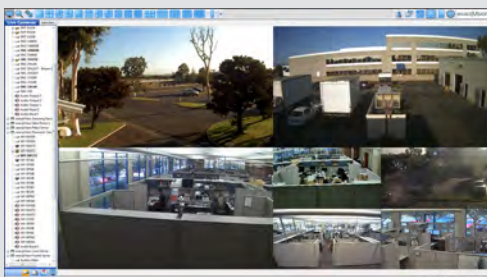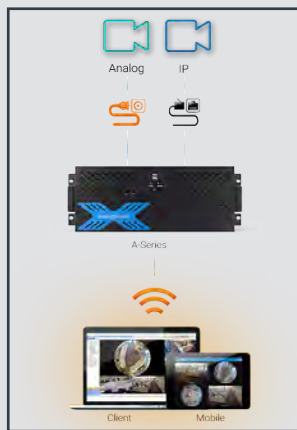# exacqVision A-Series

Balanced Performance, Reliability & Capacity
Network Video Recorders



- **Proven Performance**
  - Continuously record up to 550 Mbps of video for high concentration of high definition analog and IP cameras
  - Stream up to 1,800 frames/second of live/recorded video to local/web/mobile clients
  - Stream live/recorded video up to 100 simultaneous PC clients
  - Optional quad NICs for fastest archiving or mass client performance

- **Designed Video Server Reliability**
  - Minimize system boot time and failure risk with a high reliability solid-state operating system drive
  - Continuous duty hard drives optimized for reduced vibration and heat
  - Uninterrupted operation and video preservation in event of one drive failure via optional 4U RAID5
  - Protects against single power failure with optional 4U redundant power supplies
  - Monitors hardware health in exacqVision client with email/text notifications

- **Capacity for Mainstream Recording**
  - Record up to 64 IP cameras and 64 analog cameras per video server
  - Includes 4 or 8 IP camera licenses
  - Store up to 32TB of video
  - Expandable to over 1.6PB with S-Series networked storage
  - Compatible with thousands of IP camera models

- **Hosted Certified Software Applications (CSA)**
  - Install CSAs such as video analytics, access control, POS software on recorder
  - Save money and rack space with single video security server
  - Tested by Exacq to ensure compatibility

- **3-Year Warranty**
  - Constantly increase VMS features with regular software updates
  - Includes a 3-year hardware warranty
  - 3 years of unlimited software updates included

- **Powerful Video Management System (VMS) Software**
  - Pre-loaded with exacqVision Professional software (standard)
    - EasyConnet automatically finds, addresses and connects IP cameras
    - Two-way audio
    - Conduct investigations on recorded video, audio and data with thumbnail or timeline search
    - Bookmark important video for long-term retention
  - Easily license additional IP cameras and change out cameras
  - View video anywhere (standard)
    - Unlimited Windows/Linux/Mac PC clients
    - Live and recorded video from any browser
    - Live and recorded video from most tablets and smartphones

*From Tyco Security Products*

| ANALOG SETTINGS | 2U | 4U | DESKTOP |
| --- | --- | --- | --- |
| Inputs | 16 (looping)/32 | 16 (looping)/32/48/64 | 8/16/32 |
| Compression | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Frame Rate Per Camera | 30 FPS (NTSC) or 25 FPS (PAL) | 30 FPS (NTSC) or 25 FPS (PAL) | 30 FPS (NTSC) or 25 FPS (PAL) |
| Alarm Inputs | 16 TTL | 16 TTL | 8 TTL inputs |
| Alarm Outputs | 15 TTL & 1 Relay | 15 TTL & 1 Relay | 3 TTL & 1 Relay |
| Analog Outputs | 2/2 | 2/3/4/4 | 1/2/2 |
| Serial | 1 | 1 | 1 |
| **SERVER** | **2U** | **4U** | **DESKTOP** |
| Maximum IP Cameras | 64 | 64 | 64 |
| Included IP Licenses | 8 | 8 | 8 |
| Pre-Loaded VMS Software | Professional (standard), Enterprise (optional) | Professional (standard), Enterprise (optional) | Professional (standard), Enterprise (optional) |
| Typical Video Storage Rate (Mbps) | 300 Mbps (Windows) 450 Mbps (Linux) | 350 Mbps (Windows) 550 Mbps (Linux) | 250 Mbps (Windows) 300 Mbps (Linux) |
| Local Client Display Rate (FPS) | CPU - Standard/i5/i7 Windows - 480/1100/1800 Linux - 600/1000/1200 | CPU - Standard/i5/i7 Windows - 480/1100/1800 Linux - 600/1000/1200 | CPU - Standard/i5/i7 Windows - 480/1100/1800 Linux - 600/1000/1200 |
| Maximum Hard Drives | 3 | 8 (RAID 5 Optional) | 2 |
| Maximum Storage | 12 TB | 32 TB | 8 TB |
| Monitor Output | 1 DVI-I + 1 HDMI + 1 DisplayPort, max 2 simluatenous monitors | 1 DVI-I + 1 HDMI + 1 DisplayPort, max 2 simluatenous monitors | 1 DVI-I + 1 HDMI + 1 DisplayPort, max 2 simluatenous monitors |
| Operating System | Windows 7 64-bit, Windows 2012 R2 (Optional) Ubuntu Linux 12.04 | Windows 7 64-bit, Windows 2012 R2 (Optional) Ubuntu Linux 12.04 | Windows 7 64-bit, Windows 2012 R2 (Optional) Ubuntu Linux 12.04 |
| CPU | Gen 4 Intel Core i3, Intel Core i5 or i7 (Optional) | Gen 4 Intel Core i3, Intel Core i5 or i7 (Optional) | Gen 4 Intel Core i3, Intel Core i5 or i7 (Optional) |
| RAM | 4 GB, 8 GB, 16 GB (Optional) | 4 GB, 8 GB, 16 GB (Optional) | 4 GB, 8 GB, 16 GB (Optional) |
| NIC | 2 | 2 | 2 |
| USB | 6 x USB 2.0, 2 x USB 3.0 | 6 x USB 2.0, 2 x USB 3.0 | 6 x USB 2.0, 2 x USB 3.0 |
| DVD | Included | Included | Included |
| Audio Outputs | 1 | 1 | 1 |
| Audio Inputs | 4 | 4 | 4 |
| Keyboard & Mouse | Included | Included | Included |
| **GENERAL** | **2U** | **4U** | **DESKTOP** |
| Dimensions | 21.25" x 16.75" x 3.5" 54.7 x 42.6 x 8.9 cm | 28" x 16.75" x 7" 71.2 x 42.6 x 17.8 cm | 15.675" x 13" x 5.375" 39.7 x 33.1 x 14.6 cm |
| Weight | 27 - 31 lbs. 12.3 - 14.1 kg | 44 - 60 lbs. 20 - 27.3 kg | 18.5 - 22 lbs. 8.4 - 10 kg |
| Regulatory | CE, FCC, cULus, UL Listed | CE, FCC, cULus, UL Listed | CE, FCC, cULus, UL Listed |
| Power Supply | Single | Single (Dual Optional) | Single |

## Related Products

exacqVision VMS Software

Exacq Mobile App