# exacqVision X-Series
# Powerful, Enterprise Server based NVR

## High Performance
High throughput data transmission up to 950Mbps for high resolution and camera count support

## Health Monitoring
Utilizing health monitoring tools to monitor and diagnose performance proactively

## Designed for Continuous Uptime
Designed to support RAID formats out of the box and redundant power supplies

## Licenses
8 camera licenses of either Professional or Enterprise preloaded with 5 year SSA included

## Scalable
Configure from 64TB to 240TB, multiple Operating Systems and camera licenses

## Warranty and Service
Standard 5-year warranty with next buisness day onsite support

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| | R1X for the 1U Form Factor | R2X for the 2U Form Factor |
|---|---|---|
| **IP Settings** | | |
| Compression | MJPEG, H.264, H.265 | |
| Video Throughput | 550Mbps (Windows)<br>600Mbps (Linux) | 825Mbps (Windows)<br>950Mbps (Linux)*<br>144TB+ models |
| Maximum IP Steams | Up to 150 | Up to 175 |
| Included Camera Licenses | 8 (Professional or Enterprise), 5 year SSA included | |
| Alarm Inputs / Outputs | USB I/O Module (sold separately) | |
| **Server** | | |
| Form Factor | 1U | 2U |
| Embedded Management | · iDRAC9<br>· iDRAC Direct<br>· iDRAC RESTful API with Redfish<br>· iDRAC Service Module | · iDRAC9<br>· iDRAC Direct<br>· iDRAC RESTful API with Redfish<br>· iDRAC Service Module |
| Maximum Hard Drives | 4 Hot Swapable Hard Drives | 12 Hot Swapable Hard Drives |
| Maximum Storage | 64TB | 240TB |
| RAID | RAID 5 | RAID 6 |
| Ports | Front: (1) Micro-AB USB / (1) x USB 2.0<br>Rear: (1) USB 2.0 / (1) USB 3.0 / (1) Serial / (1) VGA / (1) iDRAC | Front: (1) Micro-AB USB / (1) x USB 2.0 / (1) x VGA<br>Rear: (1) USB 2.0 / (1) Serial / (1) USB 3.0 / (1) VGA |
| Operating System | Windows Server 2022<br>Ubuntu Linux 22.04 | Windows Server 2022<br>Ubuntu Linux 22.04 |
| Operating System Location | 240GB, SSD, RAID 1 | 480GB, SSD, RAID 1 |
| CPU | Xeon E-2334G, 6 Cores/12 Threads | Xeon Silver 4310, 12 Cores/24 Threads |
| RAM | 2 x 8GB (16GB) | 2 x 16GB (32GB) |
| NIC | 2 x 1Gbe & 4 x 1Gbe | 2 x 1 Gbe & 2 x 10 Gbe |
| **General** | | |
| Dimensions (D x W x H) | D: 598.94 mm (23.58 in) with bezel<br>W: 482 mm (18.98 in)<br>H: 42.8 mm (1.69 in) | D: 721.62 mm (28.4 in) – with bezel<br>W: 482.0 mm (18.97 in)<br>H: 86.8 mm (3.41 in) |
| Power | 600W Platinum Power Supply<br>Mix Mode 100-240 VAC or 240 VDC hot swap redundant | 800W Platinum Power Supply<br>Mixed Mode 100-240VAC or 240VDC hot swap redundant |
| Cooling | 4 fans with full redundancy | 6 fans with full redundancy |
| Weight | 1U: 24.33kg (53.636 lbs) | 2U: 35.45kg (78.012 lbs) |
| Regulatory | Safety: UL (UL/IEC/EN62368-1)<br>EMC: Class A emissions (FCC part 15; ICES-003; EN55032; CISPR32, EN61000-3-2, 3-3) Security immunity (EN55035)<br>Environmental: RoHS (EN50581) | |
| Warranty | 5 Years (Keep your HDDs) | |

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## Ordering Information

| SKU | Brief Description |
|---|---|
| IP08-**T-R1XL | exacqVision X-Series 1U Rdnt IP NVR **TB RAID5 Linux OS with 8 IP Pro Lic |
| IP08-**T-R1XL-E | exacqVision X-Series 1U Rdnt IP NVR **TB RAID5 Linux OS with 8 IP Ent Lic |
| IP08-**T-R1XW | exacqVision X-Series 1U Rdnt IP NVR **TB RAID5 Windows OS with 8 IP Pro Lic |
| IP08-**T-R1XW-E | exacqVision X-Series 1U Rdnt IP NVR **TB RAID5 Windows OS with 8 IP Ent Lic |
| IP08-**T-R2XL | exacqVision X-Series 2U Rdnt IP NVR **TB RAID6 Linux OS with 8 IP Pro Lic |
| IP08-**T-R2XL-E | exacqVision X-Series 2U Rdnt IP NVR **TB RAID6 Linux OS with 8 IP Ent Lic |
| IP08-**T-R2XW | exacqVision X-Series 2U Rdnt IP NVR **TB RAID6 Windows OS with 8 IP Pro Lic |
| IP08-**T-R2XW-E | exacqVision X-Series 2U Rdnt IP NVR **TB RAID6 Windows OS with 8 IP Ent Lic |

**Represents differnt storage capacity options, 1U 16TB to 64TB, 2U 72TB to 240TB

## C-Series (client)

| | |
|---|---|
| C2-00T-16SL | exacqVision C-Series 16 stream live monitoring client 0TB workstation Linux Ubuntu 22.04 |
| C2-00T-32SL | exacqVision C-Series 32 stream live monitoring client 0TB workstation Linux Ubuntu 22.04 |
| C2-01T-32SL | exacqVision C-Series 32 stream live monitoring client 1TB workstation Linux Ubuntu 22.04 |
| C2-00T-32SW | exacqVision C-Series 32 stream live monitoring client 0TB workstation Windows 10 IoT Ent |
| C2-01T-32SW | exacqVision C-Series 32 stream live monitoring client 1TB workstation Windows 10 IoT Ent |

## Accessories

| | |
|---|---|
| 5000-50200 | External USB input/output module with 8 TTL inputs, 4 TTL outputs, 1 relay output, 1 RS-485. No external power required. |

## About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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