

Xcellis

Application Director E



> DATASHEET

Application Server for Entry-Level Video Surveillance Infrastructures

PROVIDES THE VIDEO SURVEILLANCE CAPACITY YOU NEED—WITHIN BUDGET

Small public agencies and private businesses are facing the challenges created by more cameras, higher resolutions, and increasingly complex analytics. This is causing a greater demand for video surveillance storage and management solutions. Protecting people and property through video surveillance has become more than simply observing crimes—it includes monetizing video-based data. Once considered a secondary concern, storage is now at the foundation of small video surveillance environments. Cost, performance, and accessibility must be considered when planning an implementation.

Quantum has a specific set of products built for small camera count environments. These products offer a storage platform that provides a simple-to-manage foundation, providing the capacity you need more cost-effectively. Spend less on video storage, so you can spend more on other surveillance tools. With the Xcellis™ Application Director E server, you can meet requirements for longer retention times, increase use of analytics software, and support higher resolution cameras without breaking your budget.

How does it work? Xcellis Application Director E is a cost-effective 2U server with a storage capacity ranging from 18 TB to 64 TB and can support up to eight drives. This server resides on the edge of video surveillance infrastructures, allowing end users to add on more servers as storage capacity requirements increase. This configuration is suitable for smaller environments.

Why is this different? Storage is storage, right? That's not the way we look at it. Xcellis Application Director E is more than just a server. It brings with it Quantum's heritage of specifically managing video-based data workflows. With over 36 years of experience, we are more than just a high-end multi-petabyte storage company—we provide a storage solutions partnership to help you overcome every unique storage challenge.

Xcellis Application Director E is part of Quantum's broader portfolio of products, helping end users with infrastructures that range from tens of cameras to tens of thousands. You can start with a small storage footprint, and as your environment grows, we can provide a range of high-performing, cost-effective products that give you the accessibility you need to focus on safety, not data.

FEATURES & BENEFITS

High Performance

Meet the demands of your infrastructure with a robust 2U rack server designed for speed.

Cost-Effective

Available in a variety of configurations to help you stay within budget, depending on your surveillance infrastructure requirements.

Direct Access

Easy-to-use data management lets IT focus on safety, not data.

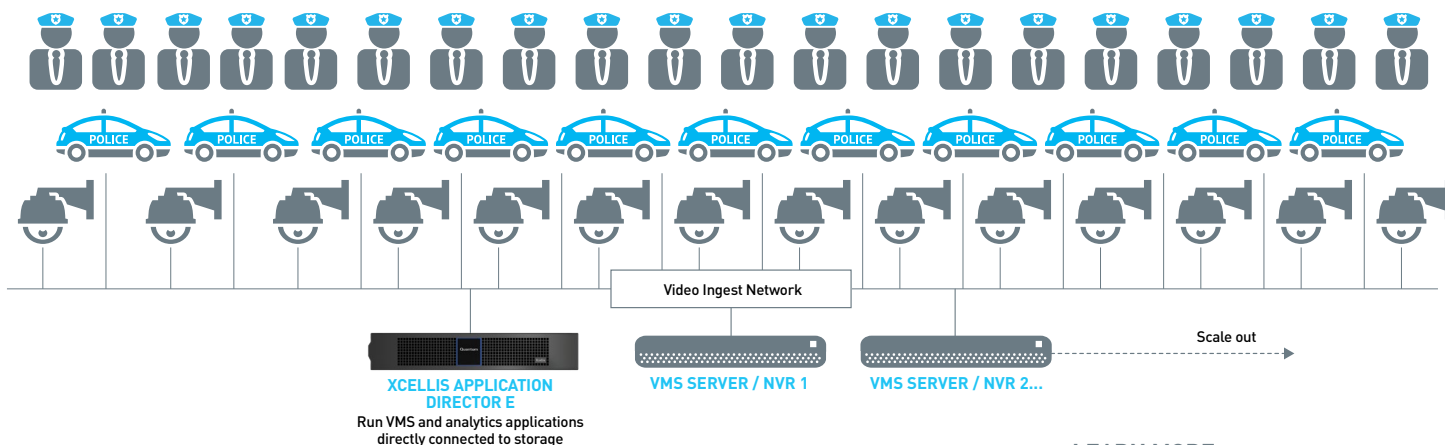
Built for Reliability

Designed to meet military and telecommunications specifications, Quantum systems can perform in extreme conditions without failure.

Open Platform

Easily integrate with analytics and VMS partners for a comprehensive, end-to-end security system.

BODY CAMERAS, MOBILE CAMERAS, AND FIXED CAMERAS



> LEARN MORE:
www.quantum.com/vs-ref-architecture

TECHNICAL SPECIFICATIONS

Feature	
Form Factor	2U rack server
Processor	Single Intel Xeon E5-2620 v4 (six cores per CPU)
Processor Sockets	Dual
Dimensions	H: 8.68 cm (3.42 in.) W: 48.24 cm (18.99 in.) D: 66.87 cm (26.33 in.)
Cache	2.5 MB per core, total of 15 MB per processor
Chipset	Intel C610
Memory	16 GB 2400 MT/s organized as one 16 GB RDIMM
I/O Slots	Support for up to 5 x PCIe <ul style="list-style-type: none"> • 3 x PCIe 3.0 • 2 x PCIe 2.0
RAID Controllers	Dell PERC H730P RAID controller, 2 GB NV cache
Internal Storage	Minimum of 18 TB raw (three 6 TB SATA 3.5-in. 7.2K RPM hard drives) Maximum of 64 TB raw (eight 8 TB SATA 3.5-in. 7.2K RPM hard drives)
Embedded NIC	4 x 1 GbE LOM
Power Supplies	Dual 750 W redundant power supplies
Systems Management	IPMI 2.0 compliant systems management Remote lights-out management iDRAC8 Basic
Rack Rails	Tool-less sliding rails Compatible with four-post racks with square, unthreaded round holes, and threaded hole racks
Operating System	Windows Server 2012 Standard Edition
Warranty	Three-year 24/7 next business day on-site parts

Model Numbers and Descriptions^{*,†}

Model Number	Description	Data Partition
BXCBA-CADE-036B	Quantum Xcellis Application Director E, 3 x 6 TB HDDs, 18 TB raw capacity	11.4 TB
BXCBA-CADE-046B	Quantum Xcellis Application Director E, 4 x 6 TB HDDs, 24 TB raw capacity	17.2 TB
BXCBA-CADE-056B	Quantum Xcellis Application Director E, 5 x 6 TB HDDs, 30 TB raw capacity	23.1 TB
BXCBA-CADE-076B	Quantum Xcellis Application Director E, 7 x 6 TB HDDs, 42 TB raw capacity	34.8 TB
BXCBA-CADE-078B	Quantum Xcellis Application Director E, 7 x 8 TB HDDs, 56 TB raw capacity	45.9 TB
BXCBA-CADE-088B	Quantum Xcellis Application Director E, 8 x 8 TB HDDs, 64 TB raw capacity	53.2 TB

^{*}Usable capacity denotes total capacity available for video storage.

[†]Other configurations are available on request. Please contact a Quantum reseller or sales representative for more information.

ABOUT QUANTUM

Quantum is a leading expert in scale-out tiered storage, archive, and data protection. The company's data management platform and tiered storage approach provide a unique combination of high performance, low-cost capacity, and easy access that enables security and law enforcement professionals to address the challenges created by more cameras, higher resolutions, and increasingly sophisticated analytics. Learn more at www.quantum.com/video-surveillance.