

Xcellis

Application Director E



> DATASHEET

Application Server for Entry-Level Video Surveillance Infrastructures

A SERVER THAT 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 as protecting people and property has become more than simply observing crimes, and has moved to monetizing video-based data. Once considered a secondary concern, storage is now at the foundation of small video surveillance environments, and cost, performance, and accessibility must be considered from the outset of 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. The Xcellis Application Director E server will enable you to meet requirements for longer retention times, increase use of analytics software, and support higher resolution cameras without breaking your budget.

How does it work? The Xcellis™ Application Director E is a cost-effective 2U server with a storage capacity ranging from 18TB to 64TB and can support up to 8 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 a broader portfolio of products, helping end users with infrastructures that range from 10's of cameras to 10's of thousands. Quantum can provide a small storage footprint and as your environment grows we can enable you with a range of products that are high performing, cost-effective, and offer 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 stay within budget depending on surveillance infrastructure requirements.

Direct Access

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

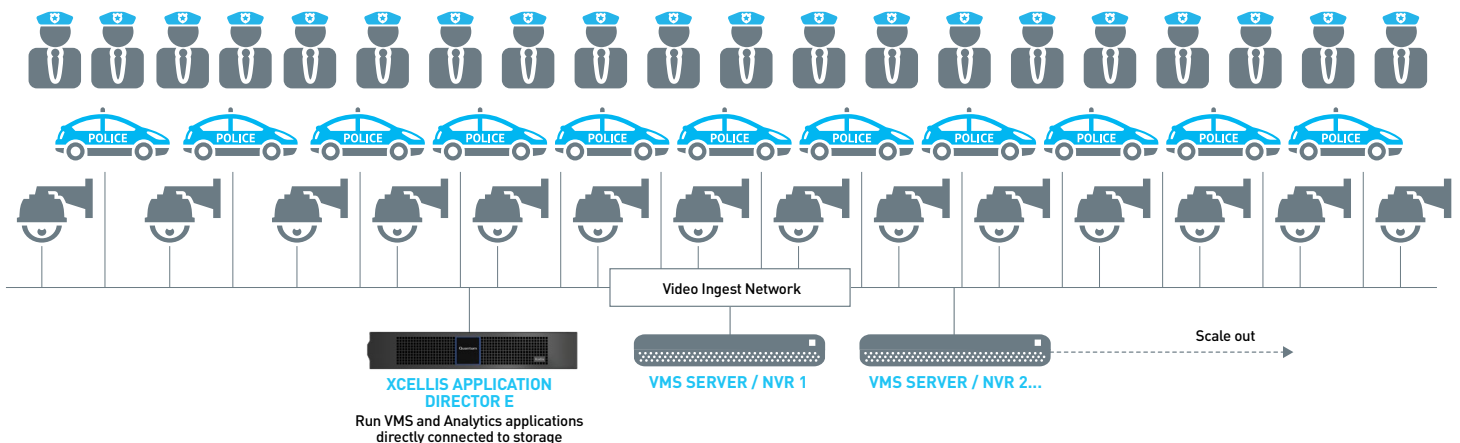
Built for Reliability

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

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	2.5MB per core, total of 15MB per processor
Chipset	Intel C610
Memory	16GB 2400MT/s organized as one 16GB 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	PERC H730P RAID Controller, 2GB NV Cache
Internal Storage	Minimum of 18TB raw (three 6TB SATA 3.5" 7.2K RPM) Maximum of 64TB raw (eight 8TB SATA 3.5" 7.2K RPM)
Embedded NIC	4 x 1GbE LOM
Power Supplies	Dual 750W 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 4-post racks with square, unthreaded round holes, and threaded hole racks
Operating System	Windows Server 2012 Standard Edition
Warranty	3-year 24x7 Next Business Day On-site Parts

ABOUT QUANTUM

Quantum is a leading expert in scale-out 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.