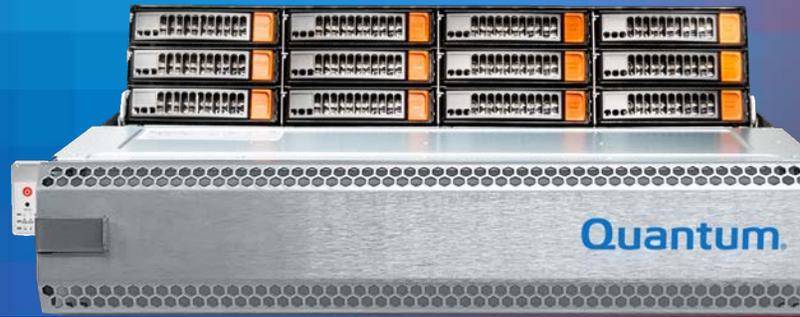


Quantum

VS-HCI SERIES

A SINGLE PLATFORM FOR MULTIPLE PHYSICAL SECURITY WORKLOADS



DATASHEET

FEATURES & BENEFITS

Run Multiple Physical Security Workloads

Run high-performance storage, video management and recording servers, and other workloads on a single HCI platform.

High Performance

The VS-Series is purpose built for video recording and management, which means it can record more cameras and run your VMS infrastructure all on the same hardware, reducing capital expense.

Failover to Maximize Uptime

Multiple levels of redundancy are provided both within the server and between servers in a VS-HCI cluster.

Highest Density

An HCI cluster built on ultra-dense 4U, 60-drive HCI servers can support hundreds to thousands of cameras and retain footage for months to years in less rack space.

Monitor System Health Anytime, Anywhere

System health and performance can be remotely monitored from a web browser or mobile device using Quantum's hosted web-based portal.

Hyperconverged infrastructure (HCI) for surveillance recording and video management.

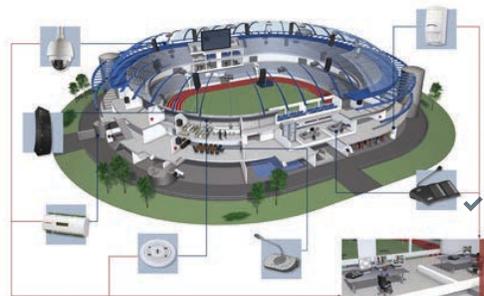
The Quantum VS-HCI series provides hyperconverged infrastructure for surveillance recording and video management, providing a single platform for multiple physical security workloads.

The VS-HCI series is available as either a 2U rackmount server, or an ultra-dense 4U, 60-drive rackmount server. Multiple servers can be connected in an HCI cluster for redundancy, and the VS-HCI series software provides for failover between servers.

Unlike other HCI product offerings, the Quantum VS-HCI series was designed for surveillance and security workloads, and the result is supporting higher camera counts with less hardware expense.

To maximize uptime, the VS-HCI series provides for multiple levels of redundancy, both within the server by using redundant components and RAID6 protection and failover between servers.

Lastly, the VS-HCI Series is backed by Quantum's global support organization, providing world-class pre- and post-sale services to tens of thousands of customers around the world 24x7x365.



- ✓ Video Recording
- ✓ Management Server
- ✓ Access Control
- ✓ Building Automation

VS-HCI Series: A Single Platform for Multiple Physical Security Workloads

LEARN MORE:

www.quantum.com/video-surveillance



VS-HCI Series

QUANTUM VS-HCI SERIES

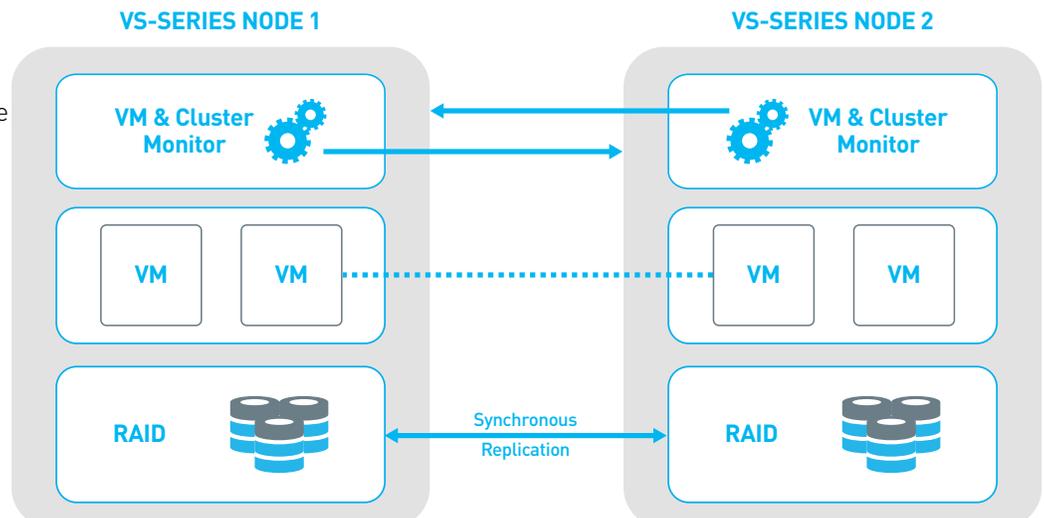
VS-HCI SOFTWARE PROVIDES FAILOVER TO MAXIMIZE UPTIME

The VS-HCI Series servers come pre-installed with the Quantum storage operating system and certified VMS applications running within a virtual machine.

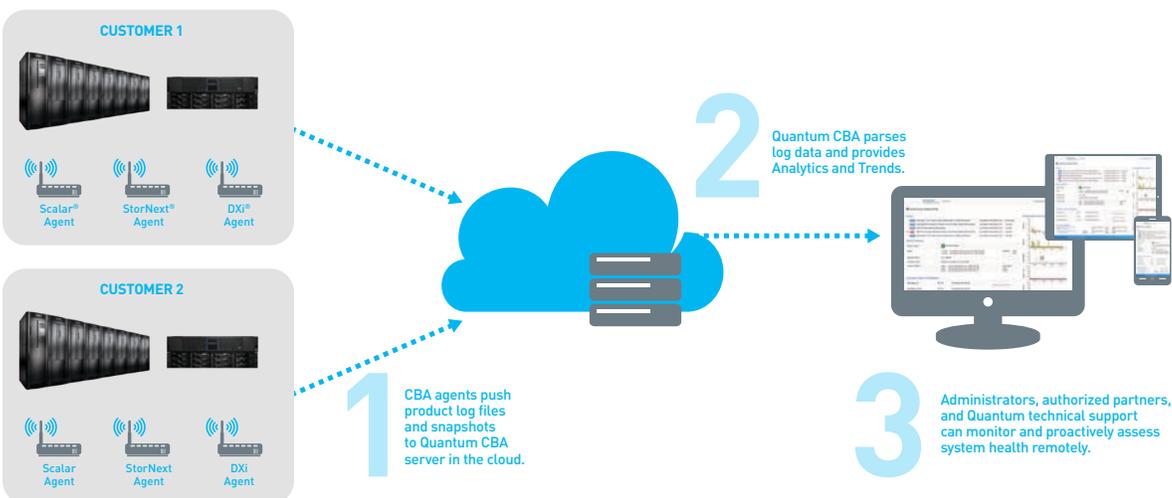
The software provides high availability at multiple levels of software to mitigate against hard drive failure, node failure, and VM failure, as shown in the diagram to the right.

Drives within the servers are protected with RAID, so that drives can fail and be replaced without causing data loss. Storage is protected by synchronously replicating storage volumes between a primary server and a secondary server.

The VS-HCI series software is continuously monitoring the state of the VM or VMs running the application, and if a VM fails (due to a crash, shutdown, or other reason), the software will detect the failure and automatically restart the VM, either on the same node, or on the other node if the primary node is unavailable.



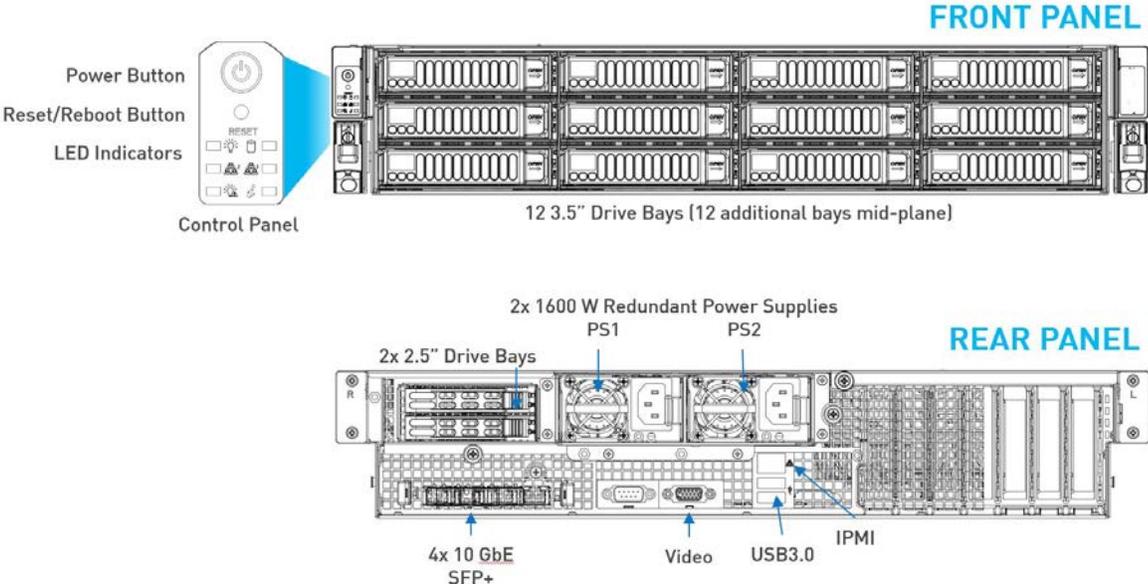
MONITOR SYSTEM HEALTH ANYTIME, ANYWHERE



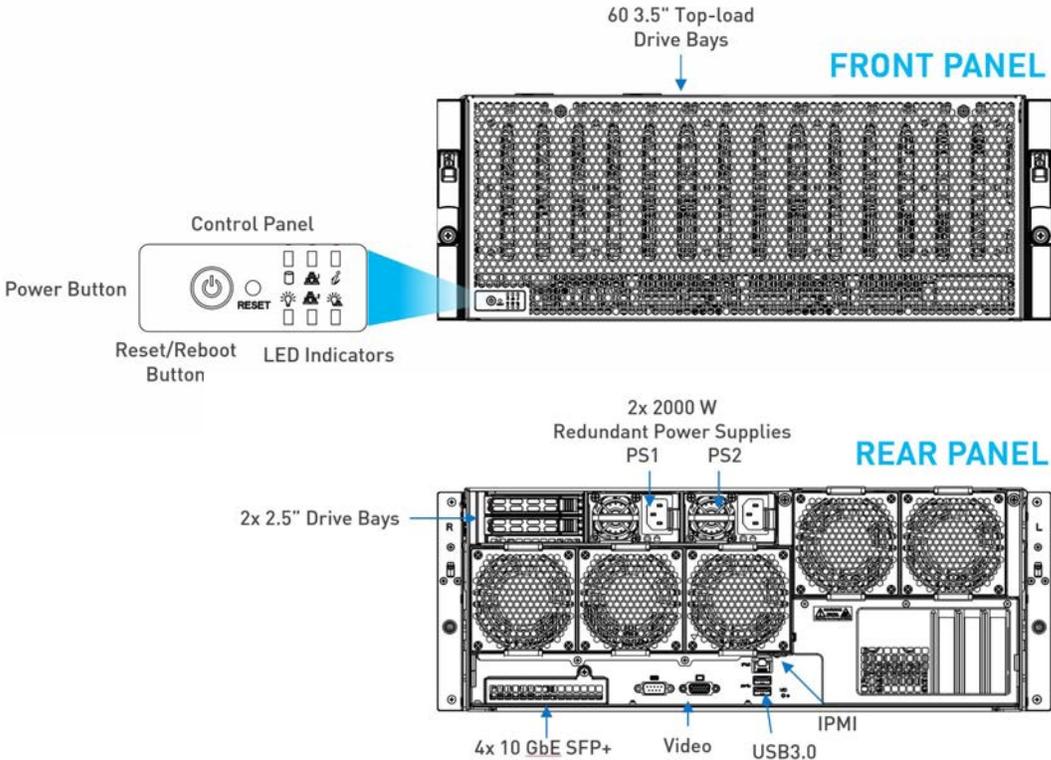
System health and performance can be remotely monitored from a web browser or mobile device using Quantum's hosted web-based portal.

This tool can be used by security operators or, when authorized, can be accessed by integrators and Quantum technical support.

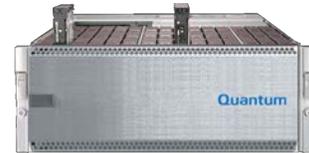
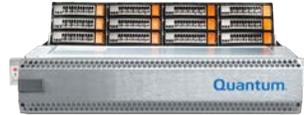
VS2124-HCI PRODUCT DETAILS



VS4160-HCI PRODUCT DETAILS



TECHNICAL SPECIFICATIONS



Appliance	VS2124-HCI	VS4160-HCI
Form Factor	2U Rack Mount	4U Rack Mount
Boot Drives	2x SSD (480 GB each)	2x SSD (480 GB each)
Base # HDDs	24	36
Max # HDDs	24	60
Max Raw Capacity (TB) (not incl. boot drives)	288	960
Max # of SSDs (non-boot)	N/A	N/A
RAM	128 GB	128 GB
CPU	2 Xeon Gold 6130 (16C/32T, 2.1 GHz, 22M Cache, 125 W)	2 Xeon Gold 6230 (20C/40T, 2.1 GHz, 27.5M Cache, 125 W)
Avg CPU Passmark Score (from cpubenchmark.net)	19643 (per CPU)	24559 (per CPU)
Operating System	Quantum HCI Software Platform	Quantum HCI Software Platform
Power Supply	2x 1600 W Redundant, Hot Swap, 80 PLUS® Certified Titanium, each with IEC320 C14 receptacle	2x 2000 W Redundant, Hot Swap, 80 PLUS Certified Titanium, each with IEC320 C14 receptacle
Display Connections	1 VGA D-Sub Connector port	1 VGA D-Sub Connector port
Network Connections	6x 10 GbE (2 reserved for inter-node communication)	6x 10 GbE (2 reserved for inter-node communication)
Dimensions (h x w x d)	3.5" (89 mm) x 17.2" (437 mm) x 34" (863 mm)	7" (178 mm) x 17.2" (437 mm) x 30.2" (767 mm)
Warranty	1 yr or 3 yrs NBD (CRU or Onsite)	1 yr or 3 yrs NBD (CRU or Onsite)



Quantum technology and services help customers capture, create, and share digital content—and preserve and protect it for decades at the lowest cost. Quantum's platforms provide the fastest performance for high-resolution video, images, and industrial IoT, with solutions built for every stage of the data lifecycle, from high-performance ingest to real-time collaboration and analysis and low-cost archiving. Every day the world's leading entertainment companies, sports franchises, research scientists, government agencies, enterprises, and cloud providers are making the world happier, safer, and smarter on Quantum. See how at www.quantum.com.

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