BCDVIDEO™

BCD218-HCI-VS

Data Sheet

Hyperconverged Infrastructure for Virtualized, Highly Available, Video Surveillance Applications

The BCDVideo Hyperconverged Infrastructure for Video Surveillance introduces the security integrator's answer to adapt to the number of constantly evolving demands in the video surveillance and security industry. Powered by Scale Computing's HC3 HyperCore software, it enables efficient utilization of hardware that seamlessly scales on-site resources.

This Hyperconverged Infrastructure leverages under-utilized resources by creating a virtualized resource pool to get the most out of each virtual machine. With industry-leading high availability built into the virtualized platform and at the hardware level, data or performance loss is never a concern.

Performance in a virtualized environment is assured with the latest video optimized hardware. The highly available nature of the infrastructure eliminates the overhead in performance caused by RAID 5/6 systems. HC3 HyperCore also ensures maximum video data throughput by optimizing the I/O potential of each virtual machine, regardless of the environment.

KEY FEATURES

- Up to 100TB of Usable Storage per 2U Node
- (2) Intel® Xeon® Silver 4116 Scalable Processors
- HC3 HyperCore Virtualization
- Intuitive and Unlimited Scalability

Intel XEON SILVER inside™
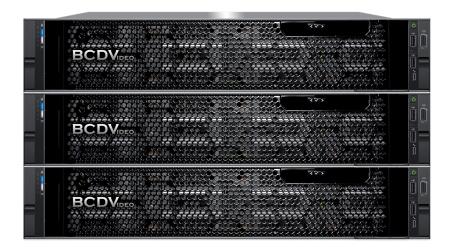
VM **Video-Optimized Virtualization**

Complete System High Availability

Scalable Node-Based Infrastructure

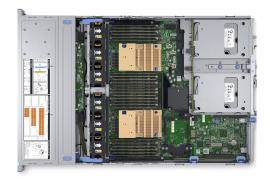**5-Year Software Upgrades & On-site, NBD, Keep Your Hard Drive Warranty**

SCALE COMPUTING®

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	(2) Intel® Xeon® Silver 4116 Scalable Processors (12 Cores, 24 Threads, 3.00GHz)
Processor Passmark	Dual Intel® Xeon® Silver 4116: 19,929
Virtualization	HC3 HyperCore
Maximum Storage (per Node)	Up to 100TB per 2U node
Node Storage Sizes	50TB, 100TB Node Options Available
Memory	128GB RAM
Video Outputs	(1) VGA
Networking	(4) 10GbE SFP+ ports, dual network switch backplane for high availability between nodes
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
Manufacturer	BCDVideo
Warranty	5-Year Software Upgrades & On-site, NBD, Keep Your Hard Drive Warranty
MECHANICAL	
Form Factor	2U Rackmount
Hard Drive Bays	(18) 3.5" Hot Swappable Bays, (2) M.2 SSD Slots
Hard Drives	SSD, SAS
Power Supply(s)	(2) 1100W	100-240VAC
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	17.1" (434mm) x 28.15" (646mm) x 3.4" (86.8mm)
Max. Weight	73 lbs. (33.1kg)
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

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