

BCDVideo Nova Series

Highly-Scalable, Enterprise Appliances



BCDVideo Nova Series appliances have been specifically designed to address the demands of enterprise video surveillance and access control applications. With Genetec™ Security Center pre-installed and optimized for greater performance, Nova Series appliances provide turnkey solutions that are ideally suited for customers requiring highly-scalable, multi-server systems.

Based on HP platforms, Nova Series appliances excel at providing reliable storage solutions that are backed by a standard 5-year on-site, next business day warranty.

Benefits

Deploy a High Performance Solution – Nova Series appliances have been optimized to provide a highly scalable solution to address the needs of enterprise video surveillance deployments. Validated and tested by Genetec™, Security Center is certified to support up to 1300 Mbps of total throughput, or up to 700 cameras per server, on certain Nova Series appliances.

Performance Guarantee – BCDVideo certifies the performance of all Nova Series appliances: in the event of a shortfall of necessary storage or performance, all hardware costs are fully covered. These network appliances are built-to-order using high-performance components that are tailored to the specification and design requirements of your project. All appliances also include a standard five-year worldwide on-site, Next Business Day (NBD) warranty.

Monitor & Optimize System Health – BCDVideo Nova Series servers are equipped with SMART Health Monitoring Technology to assist system IT teams with proactive system diagnostic tools. These active health monitoring tools help minimize system downtime and can notify system administrators of hardware failure before issues occur.

Integrations with the Hardware of Your Choice – With support for a wide range of camera and access control hardware partners, you can select edge devices from your choice of leading technology vendors. Security Center is built with an open architecture that ensures that your investment is not locked into a proprietary solution.

Key Features

Certified to support up to 1300 Mbps total throughput or up to 700 cameras on a single appliance

Turnkey servers with Security Center software pre-installed

Embedded BCDVideo SMART technology for system health monitoring

Support for a wide range of IP cameras, encoders, readers and door controllers

5-year on-site, next business day warranty



BCDVideo Nova Series

Network Security Appliance

Design Your Own Appliance or Select a Pre-Packaged Configuration

BCDVideo Nova Series appliances provide access to certified solutions with Security Center pre-installed, allowing you to rapidly deploy your next video surveillance and access control system. With a number of rack-mount, tower, and storage array options available, BCDVideo can assist you to design a server for the needs of any project.

A number of popular configuration options are also available, allowing you to easily quote and procure your next system. All pre-packaged options can record video continuously for up to 30 days at maximum throughput to help ensure a simple and efficient design for your project needs.

	Directory/Access Manager Server	2U Archiver	2U Archiver
Part Number	BCD-GEN-DS	BCD-GEN-33TB-R5	BCD-GEN-72TB R5
Video Throughput (ingestion)	-	100 Mbps	100 Mbps
Effective Storage Capacity	-	33.5TB	72TB
Operating System	Windows Server 2012 R2	Windows Server 2012 R2	Windows Server 2012 R2
CPU	Intel Xeon E5 Processor	Intel Xeon E5 Processor	Intel Xeon E5 Processor
RAM	16GB	16GB	16GB
Ethernet	4 × 1GB NIC cards	4 × 1GB NIC cards	4 × 1GB NIC card
Recording Drives	-	7 × 6TB dual port SAS drives in RAID 5	14 × 6TB dual port SAS drives in RAID 5
OS Drives	2 × 300GB dual port SAS drive in RAID 1	2 × 300GB dual port SAS drive in RAID 1	100GB OS and Security Center partition
External RAID Controller	4GB	4GB	4GB
Redundant Power Supply	●	●	●
5-Year Next Business Day On-Site Warranty	●	●	●

1U Archiver + Direct Attached Storage

	BCD-GEN-111TB-R5	BCD-GEN-134TB-R5	BCD-GEN-167TB-R5
Part Number	BCD-GEN-111TB-R5	BCD-GEN-134TB-R5	BCD-GEN-167TB-R5
Video Throughput (ingestion)	300 Mbps	400 Mbps	500 Mbps
Effective Storage Capacity	111.5TB	134TB	167.5TB
Operating System	Windows Server 2012 R2	Windows Server 2012 R2	Windows Server 2012 R2
CPU	Intel Xeon E5 Processor	Dual Intel Xeon E5 processor	Dual Intel Xeon E5 processor
RAM	16GB	16GB	16GB
Ethernet	4 × 1GB NIC cards	4 × 1GB NIC Cards	4 × 1GB NIC Cards
Recording Drives	35 × 4TB dual port SAS drives in RAID 5	40 × 4TB dual port SAS drives in RAID 5	35 × 6TB dual port SAS drives in RAID 5
OS Drives	2 × 300 GB dual port SAS drive in RAID 1	2 × 300 GB dual port SAS drive in RAID 1	2 × 300 GB dual port SAS drive in RAID 1
External RAID Controller	4GB	4GB	4GB
Redundant Power Supply	●	●	●
5-Year Next Business Day On-Site Warranty	●	●	●

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