Nova Series

IP Video Surveillance Certified Global OEM (hp)

Tower Video Recording Platform (VRP)
Part Number—BCD310E8-M-SAS-VRP-C

The BCDVideo Nova Series is manufactured specifically for Enterprise IP Video Surveillance applications. The Nova Series is our newest-generation server utilizing 6G SAS technology which enables more high-megapixel cameras per server than traditional SATA servers. BCDVideo's servers are designed with Intel® Xeon® processors, offering superior system performance. This video Recording platform is built with scalability, reliability, and longevity in mind.

The Nova Series family includes BCDVideo's SMARTtechnology modules, including SMARTrecovery and SMARTvms. This technology minimizes any end-user downtime and offers the ability to bring cameras in a disaster recovery situation online in minutes rather than hours or days. The BCDVideo Nova Series Platform include lifetime telephone support, as well as a five-year global on-site hardware warranty.

Key Features

- BCDVideo SMARTrecovery—Disaster Recovery Module
- BCDVideo SMARTvms—Video Recovery Module
- BCDVideo SMARTconnect—Remote Access Module
- BCDVideo SMARTcontrol—System Monitoring

System Specifications – BCD310E8-M-SAS-VRP-C includes the following components. Hard drives must be selected separately. See Options section

Processor	(1) Intel Xeon E3 Processor	**Form Factor**	Tower
Single Processor Passmark	9063	**Hard Drives**	Enterprise Drives
RAM	8GB	**Hard Drive Bays**	4 Bays
BCDVideo SMARTrecovery	Embedded	**Streaming Video Ingestion**	Up to 300Mbit/s*
BCDVideo SMARTvms	Embedded	**RAID Controller**	Optimized for Video Streaming
BCDVideo SMARTconnect	Embedded	**RAID Level Supported**	RAID 0,1,5,6 or 10
BCDVideo SMARTcontrol	Embedded	**Dimensions (W x H x D)**	18.7 x 6.9 x 14.5 in
Power Supplies	Single (Redundant Optional)	**Warranty**	Lifetime Phone Support 5-Year Global NBD On-site

Actual Ingestion varies by VMS Software Manufacturer

BCDVIDEO® Technology Center — Validated for Video

BCDVideo Technology Center has CERTIFIED the Nova Series Video Recording Platform on the following Video Management Software.

avigilon THE BEST EVIDENCE™   exacq Technologies   Genetec   milestone   OnSSI   SeeTec Software for Video Security

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About BCDVideo

Founded in 1999 and headquartered in Chicago, USA, BCDVideo is a global manufacturer of purpose-built IP Video Recorders. BCDVideo is HP's global OEM Partner for IP Video Security and excels in providing IP security storage and intelligent network solutions to the security integrator community. With a global footprint of successful installations, the company prides itself on providing first-rate customer service, delivery, and support. To learn more about our project-guaranteed video platform, please visit www.bcdvideo.com.

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BCD310E8-M-SAS Series Server Options

RAM Upgrade Options	Description
BCD-SRV-4GBRAM-UPG	4GB RAM Upgrade
BCD-SRV-8GBRAM-UPG	8GB RAM Upgrade
BCD-SRV-16GBRAM-UPG	16GB RAM Upgrade
Operating System Hard Drive Options	
BCD-SRV-500SATA-35HD	500GB 7.2K 3.5" SATA Drive
BCD-SRV-120SSD-35HD	120GB 3.5" SSD Drive
BCD-SRV-240SSD-35HD	240GB 3.5" SSD Drive
BCD-SRV-600SAS-35HD-15	600GB 15K Dual Port 3.5" SAS Drive
Archive Video Hard Drive Options	
BCD-SRV-1000SAS-35HD	1TB Dual Port 7.2K 3.5" SAS Drive
BCD-SRV-2000SAS-35HD	2TB Dual Port 7.2K 3.5" SAS Drive
BCD-SRV-3000SAS-35HD	3TB Dual Port 7.2K 3.5" SAS Drive
BCD-SRV-4000SAS-35HD	4TB Dual Port 7.2K 3.5" SAS Drive
BCD-SRV-6000SAS-35HD	6TB Dual Port 7.2K 3.5" SAS Drive
Graphics Adapters	
BCD-SRV-GA-512MB-2	512MB Dual Output Graphics Adapter
BCD-SRV-GA-1GB-2	1GB Dual Output Graphics Adapter
BCD-SRV-GA-2GB-4	2GB Quad Output Graphics Adapter
Warranty Upgrade Options	
BCD-310-247X4-WTY-UPG	4 Hour Response 24x7 Warranty Upgrade—5 Years
BCD-310-6HR-WTY-UPG	6 Hour Call to Repair 24x7 Warranty Upgrade—5 Years
Networking Adapter Options	
BCD-SRV-QUADNIC	4 Port Ethernet Adapter
BCD-SRV-10G-NIC-D	Dual Port 10G Ethernet Adapter
Misc. Options	
BCD-ILO-ADV	ILO4 Advanced License
BCD-SQL-OPEN	Microsoft SQL Open License –1 Server, 4 CALS

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