

NovaSeries



5U Rack-Mount Video Recording Platform (VRP)

Part Number—BCD4540V8-M-VRP-C

The BCDVideo Nova Series is manufactured specifically for Enterprise IP Video Surveillance applications. The Nova Series is our newest-generation platform utilizing 6G SAS technology which enables more high-megapixel cameras per system than traditional SATA-based servers. BCDVideo's recorders 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 includes 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

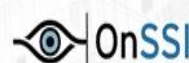
System Specifications — BCD4540V8-M-VRP-C includes the following components. Hard drives must be selected separately. See Options section

Processor	(2) Intel Xeon E5 Processor	Form Factor	5U Rack-Mount
Dual Processor Passmark	14000 (approx.)	Hard Drives	Enterprise Class
RAM	32GB	Hard Drive Bays	62 Bays
BCDVideo SMARTrecovery	Embedded	Streaming Video Ingestion	Up to 1000Mbit/s*
BCDVideo SMARTvms	Embedded	RAID Controller	Optimized for Video Streaming
BCDVideo SMARTconnect	Embedded	RAID Level Supported	RAID 0,1,5,6,50 +60
BCDVideo SMARTcontrol	Embedded	Dimensions (W x H x D)	17.45 x 7.47 x 35.34 in
Power Supplies	Redundant	Warranty	Lifetime Phone Support 5-Year Global NBD On-site

**Actual Ingestion varies by VMS Software Manufacturer*



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



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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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 IP Video Surveillance Certified Global OEM

BCD4540V8-M 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-300SAS-25HD-10	300GB 10K Dual Port SAS Drive
BCD-SRV-450SAS-25HD-10	450GB 10K Dual Port SAS Drive
BCD-SRV-600SAS-35HD-15	600GB 15K Dual Port 3.5" SAS Drive
Archive Video Hard Drive Options	
BCD-SRV-1000SATA-35HD	1TB 7.2K 3.5" SATA Drive
BCD-SRV-2000SATA-35HD	2TB 7.2K 3.5" SATA Drive
BCD-SRV-3000SATA-35HD	3TB 7.2K 3.5" SATA Drive
BCD-SRV-4000SATA-35HD	4TB 7.2K 3.5" SATA Drive
BCD-SRV-6000SATA-35HD	6TB 7.2K 3.5" SATA Drive
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
RAID Controller Options	
BCD-SRV-EXT-RAID-CONTL	2GB EXTERNAL RAID Controller
BCD-SRV-RAID-CNTL-822	2GB INTERNAL/EXTERNAL RAID Controller
Warranty Upgrade Options	
BCD-4540-247X4-WTY-UPG	4 Hour Response 24x7 Warranty Upgrade—5 Years
BCD-4540-6HR-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-SRV-EXT-DVDRW	DVD External
BCD-SQL-OPEN	Microsoft SQL Open License –1 Server, 4 CALS

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