

# NovaSeries

 IP Video Surveillance Certified Global OEM

1U Rack-Mount Management Platform (MP)

**Part Number—BCD320E8-M-SAS-MP-C**

The BCDVideo Nova Series is manufactured specifically for Enterprise IP Video Surveillance applications. The 1U Management Platform systems are built specifically for those video applications. The BCD320 can be utilized as a management server or as a video recording server where archival storage is either with in the server chassis, with in a direct attached storage array, or centralized storage array.



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** – BCD320E8-M-SAS-MP-C includes the following components. Hard drives must be selected separately. See Options section

<b>Processor</b>	(1) Intel Xeon E3 Processor	<b>Form Factor</b>	1U Rack-Mount
<b>Single Processor Passmark</b>	9712	<b>Hard Drives</b>	Enterprise Drives
<b>RAM</b>	8GB	<b>Hard Drive Bays</b>	4 Bays
<b>BCDVideo SMARTrecovery</b>	Embedded	<b>Streaming Video Ingestion</b>	Up to 300Mbit/s*
<b>BCDVideo SMARTvms</b>	Embedded	<b>RAID Controller</b>	Optimized for Video Streaming
<b>BCDVideo SMARTconnect</b>	Embedded	<b>RAID Level Supported</b>	RAID 0,1,5,6 or 10
<b>BCDVideo SMARTcontrol</b>	Embedded	<b>Dimensions (W x H x D)</b>	17.54 x 1.7 x 29.5 in
<b>Power Supplies</b>	Single	<b>Warranty</b>	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](http://www.bcdvideo.com).

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## BCD320E8-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-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-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-320-247X4-WTY-UPG	4 Hour Response 24x7 Warranty Upgrade—5 Years
BCD-320-6HR-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-INT-DVDRW	DVD Internal
BCD-SQL-OPEN	Microsoft SQL Open License –1 Server, 4 CALS

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