

### Enterprise 5U 84-Bay High Density SAN Storage for Critical Video Data

The BCDVideo 5U 84 Bay SAN storage array is the security integrator's answer for high scaling video data requirements. The BCD584-SAN offers maximum read/write performance by optimizing enterprise 12G dual-port SAS drives. Storage options provide up to 1PB of raw storage in a single unit, with up to 3 expansion units providing a maximum of 4PB of raw storage.

Flexibility of deployment and data throughput is provided by employing either 16Gb fibre channel or 10Gb iSCSI connectivity. High availability features include a wide variety of RAID storage options, hot swappable, redundant power supplies and fans, hot swappable drives and RAID controllers, automatic failover, and multi-path support.

This system is covered by BCDVideo's standard 5-year, on-site, next business day, Keep Your Hard Drive warranty. With the combination of high throughput and the latest enterprise storage technology, this SAN storage array is ideal for effectively storing and archiving video data.

#### KEY FEATURES

- Up to 1PB of Raw Storage
- Intel Broadwell Processor
- 12TB Enterprise SAS Drives
- Fibre Channel or iSCSI ports
- Remote Data Replication
- Virtualization Ready



**Enterprise SAS Drives**



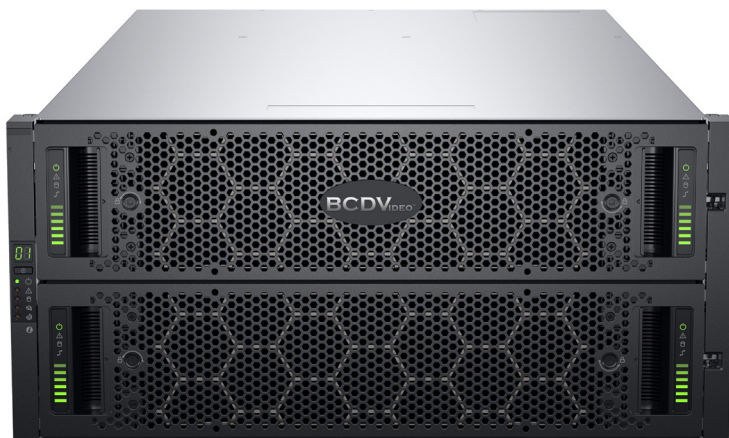
**Redundant Power**



**RAID Options: ADAPT, RAID 0, 1, 5, 6, 10, 50**



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



CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
<b>Processors</b>	Intel® Xeon® Broadwell Processor
<b>Maximum Storage</b>	Up to 1PB
<b>Operating Systems Supported</b>	Windows Server 2016, VMware 6.5/6.0, Microsoft Hyper-V, RHEL 6.9/7.4
<b>Virtualization</b>	VMware vSphere & vCenter SRM, Microsoft Hyper-V
<b>Memory</b>	16GB (8GB per Controller)
<b>Volumes per System</b>	1024
<b>Cache</b>	Mirrored Cache, Supercapacitor cache backup, nonvolatile cache backup to flash
<b>Connectivity</b>	16Gb Fibre Channel, 10Gb iSCSI
<b>Ports</b>	(4) Fibre Channel or (4) SFP+ (4) Multi-protocol
<b>RAID</b>	ADAPT (Distributed RAID); RAID 0, 1, 5, 6, 10, 50
<b>RAID Controller</b>	Dual RAID Controllers
<b>Expansion Chassis Supported</b>	Up to 3 per base SAN array (Scales up to 4PB Raw)
<b>Management</b>	MESM (HTML5 GUI, CLI, REST)
<b>Manufacturer</b>	BCDVideo
<b>Warranty</b>	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
MECHANICAL	
<b>Form Factor</b>	5U Rackmount
<b>Hard Drive Bays</b>	(84) 3.5" Bays
<b>Hard Drives Supported</b>	SAS
<b>Power Supply(s)</b>	(2) 2200W (200-240VAC)
<b>Operating Temperature</b>	(Min) 41°F - (Max) 104° F [(Min) 5°C - (Max) 40° C]
<b>Operating Humidity</b>	10 ~ 80% @ 84.2°F (non-condensing)
<b>Dimensions (WxDxH)</b>	17.5"(444.5mm) x 35.12" (89.22mm) x 8.75" (222.3mm)
<b>Max. Weight</b>	298 lbs. (135 kg)
<b>Regulatory</b>	UL 60950-1 (United States)   CAN/CSA-C22.2 No.60950-1-07 (Canada)   EN 60950-1 (European Union)   IEC 60950-1 (International)   CCC (China PRC – CCC Power Supplies)   BIS (India – BIS Power Supplies)   FCC CFR 47 Part 15 Subpart B Class A (United States)   ICES/NMB-003 Class A (Canada)   EN 55022/EN 55032:2012 Class A (EU)   AS/NZS CISPR 22/CISPR 32 Class A (Australia/New Zealand)   VCCI Class A (Japan)   KN 22/KN 32 Class A (S. Korea)   CNS 13438 Class A (Taiwan) EN 61000-3-2 (EU) EN 61000-3-3 (EU) EN 55024 (EU)   KN 24/KN 35 (S. Korea) The RoHS Directive (2011/65/EU)   The WEEE Directive (2012/19/EU)   The REACH Directive (EC/1907/2006)   The Batteries Directive (2006/66/EC) Australia/ New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC – PSU only), European Union (CE), Japan (VCCI), South Korea (MSIP), Taiwan (BSMI), United States (FCC/UL)