

# BCD212X-SAN

## BCDVideo Enterprise 2U 12-Bay SAN Storage Series

### ENTERPRISE 2U 12-BAY EXPANDABLE SAN STORAGE FOR VIDEO DATA







The BCDVideo BCD212X-SAN 2U 12 Bay SAN storage array is the security integrator's answer for expandable video data storage projects. The BCD212X-SAN offers maximum read/write performance by optimizing enterprise 12G dual-port SAS drives. Storage options provide up to 192TB of raw storage in a single unit, with up to 9 expansion units per base array providing a maximum of 3.1PB 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 192TB of Raw Storage
-  Intel® Broadwell Processor
-  16TB Enterprise SAS Drives
-  RAID Options: ADAPT, RAID 0, 1, 5, 6, 10 & 50
-  Redundant Power
-  5-Year Keep Your Hard Drive Warranty

FOR MORE INFORMATION: [bcdvideo.com](http://bcdvideo.com) | [sales@bcdinc.com](mailto:sales@bcdinc.com) | +1.888.305.4993  
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### SYSTEM

#### Operating Systems Supported

Windows Server 2019, VMware 6.7  
U2/6.5/6.0, Microsoft Hyper-V, SLES 12.3,  
RHEL 8.0/7.4/6.9

#### Memory

16GB (8GB per Controller)

#### Processor(s)

Intel® Xeon® Broadwell Processor

#### Connectivity

16Gb Fibre Channel, 10Gb iSCSI

#### Ports

Head End: (8) Fibre Channel or (8) SFP+,  
(8) Multi-protocol  
Expansion: (4) Fibre Channel or (4) SFP+,  
(4) Multi-protocol

#### Expansion Chassis Supported

Up to (9) 2U expansion chassis per base  
2U SAN array (Scales up to 1.9PB Raw)

Up to (3) 5U expansion chassis per base  
2U SAN array (Scales up to 6.9PB Raw)

#### Management

MESM (HTML5 GUI, CLI, REST)

### MECHANICAL

#### Form Factor

2U Rackmount

#### Power Supply(s)

(2) 580W (100-240VAC)

#### Operating Temperature

(Min) 41°F - (Max) 104° F [(Min) 5°C - (Max) 40° C]

#### Operating Humidity

10 ~ 80% @ 84.2°F (non-condensing)

#### Heat Dissipation

1582 Max BTU/hr

#### Dimensions (WxDxH)

19" (428.6mm) x 22.71" (57.6mm) x 3.46" (87.9mm)

#### Max. Weight

71 lbs. (32 kg)

#### Warranty

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

#### Manufacturer

BCD

### STORAGE

#### Hard Drive Bays

(12) 3.5" Bays

#### Hard Drives Supported

SAS

#### Cache

Mirrored Cache, Supercapacitor cache  
backup, nonvolatile cache backup to flash

#### RAID

ADAPT (Distributed RAID); RAID 0, 1, 5, 6, 10 & 50

#### RAID Controllers

Dual RAID Controllers

#### Maximum Storage

Up to 192TB

#### Regulatory

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)