

High Performance and Cost-Efficient Enterprise 2U 12-Bay SAN Storage

The BCDVideo 2U 12-Bay SAN storage array is a flexible and scalable solution for the security integrator's need for cost-effective video storage. Optimizing 12G dual-port SAS drives, this SAN storage array provides high I/O throughput. Raw storage can be scaled up to 2.3PB with 15 separate expansion chassis for additional storage.

10Gb iSCSI or 16Gb fibre channel provided by multi-protocol ports allow for flexibility of deployment. High availability is provided by features including dynamic disk pooling, RAID 0, 1, 5, 6, and 10 or Dynamic Disk pooling for disk protection, redundant hot swappable power supplies and fans, dual RAID controllers, no single point of failure, and redundant I/O paths.

This system is covered by BCDVideo's standard 5-year, on-site, next business day warranty. With the combination of high throughput and the latest enterprise storage technology, this SAN storage array is an ideal storage solution for reliably storing, archiving, and scaling with the increasing density of critical video data.

KEY FEATURES

- Up to 144TB of Raw Storage per 2U Chassis
- Scales up to 2.3PB
- Up to (15) Expansion Chassis
- Fibre Channel or iSCSI ports
- Redundant I/O Paths



Enterprise SAS Drives



Redundant Power



RAID Options: RAID 0,1,5,6,10 or Dynamic Disk Pooling



5-Year, On-site, NBD Warranty



CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Maximum Storage	Up to 144TB per 2U Chassis
Volumes per System	512
Cache	Mirrored Data Cache, Battery-backed de-stage to flash
Connectivity	16Gb Fibre Channel, 10Gb iSCSI
Ports	(12) SFP+ (6 Per Controller, Multi-Protocol Capable)
RAID	Dynamic Disk Pooling; RAID 0,1,5,6,10
RAID Controller	Dual RAID Controllers (8GB Cache per Controller)
Expansion Chassis Supported	Up to 15 per base SAN array (Scales up to 2.3PB of Raw Storage)
Management	SANtricity System Manager
Warranty	5-Year, On-site, NBD Warranty
MECHANICAL	
Form Factor	2U Rackmount
Hard Drive Bays	(12) 3.5" Bays
Hard Drives Supported	SAS
Hard Drives Storage Sizes	10TB SAS, 12TB SAS
Power Supply(s)	(2) 913W PSU (100-240VAC)
Operating Temperature	(Min) 50°F - (Max) 104° F [(Min) 10°C - (Max) 40° C]
Operating Humidity	20 ~ 80% (non-condensing)
Dimensions (WxDxH)	19"(482.6mm) x 21.1" (535.9mm) x 3.47" (88.1mm)
Max. Weight	62 lbs. (28 kg)