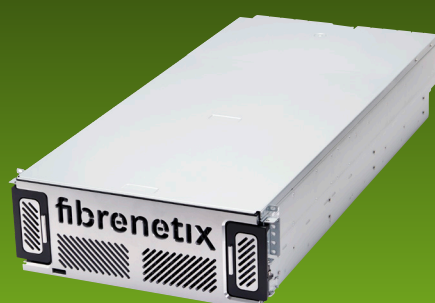




Data sheet

# JBOD Expansion – Ultra-density and Scalable Storage



105 BAY JBOD EXPANSION

105-bay JBOD Expansion.

Built for the CCTV surveillance industry.

Enterprise reliability. Space, Power, Coolant efficient.

## Ultra-density and Scalable Storage

The demand for highly robust video surveillance storage has been growing exponentially in recent years. New high-resolution IP Cameras are deployed in greater numbers, with requirements for increased retention periods, from 30 days to 120 days.

This ongoing growth has increased the requirement for huge storage capacity of video data, especially in the sector of +500 cameras and upwards. The FibreNetix Series of Enterprise class storage enclosures and servers address these industry requirements for huge storage capacity and demanding recording server performance.

The Ultra-Density 105-bay JBOD storage enclosure offers a massive capacity of up to 1,890TB using 18TB hard drives. With scalability, five enclosures can be daisy chained together to provide 9.45 Petabytes (9,450TB) of storage.

The 105-JBOD enclosures are compatible with all FibreNetix products, including E-Series FC and iSCSI Storage (IP SAN), SVS Servers and GOLD Servers. Providing a truly versatile product, with one of the best cost per GB ratios in the CCTV industry today. Enterprise reliability is achieved via the dual SAS controllers which are hot-pluggable and provide complete failover service for FibreNetix Storage and Server products.

This model has been tested with Microsoft Fileserver 2012 R2 and 2016 for cutting edge features and performance.

## Applications:

- CCTV Enterprise Class
- Media & Entertainment
- Medical
- Data Center
- BIG DATA and Cloud Business

## Features:

- 4U 105-bay – SAS/SATA drives
- Up to 1.890PB per 4U enclosure
- Redundant Hot Swap Drive, SAS, Power and Cooling module
- Dual I/O controller for Redundant servers
- Supports up to 2400 MB/sec bandwidth per controller module
- Up to 24 SSDs (SAS or SATA) for data acceleration tiering

3:0 JBOD Expansion



### Technical Specifications

<b>JBOD Storage Expansion</b>	<b>UDS-6063-J31-XX</b>
<b>Redundant Path</b>	Yes (SAS only)
<b>Host/Expansion I/O Ports</b>	Includes four ×4 mini-SAS HD I/O connectors
<b>Management Ports</b>	Includes two x1G Ethernet RJ-45 ports
<b>Management/Status Reporting</b>	Out-of-band CLI via management port and in-band SCSI Enclosure Services
<b>Device Support</b>	6Gb/s SAS and 12Gb/s SAS drives
<b>Max Drives per Enclosure</b>	105
<b>Maximum Drive Capacity</b>	18TB
<b>Maximum Raw Capacity</b>	1890TB
<b>Hot-Swappable Components</b>	Hard drives, power supply units (PSUs), cooling modules, side-plane expanders, and I/O modules
<b>Input Power Requirements</b>	200V-240V AC 50Hz/60Hz
<b>Max Power Output per PSU</b>	2kW
<b>LED Indicators</b>	Identify Enclosure   Power ON   Activity / Fault for each Individual Drive Caddy
<b>EXPANSION</b>	Up to four JBOD storage enclosures
<b>Dimensions (W × H × D, mm)</b>	441 × 176.4 × 1139 without Cable ARM
<b>Weight (kg)</b>	64kg empty – 150kg with HDDs
<b>Operating / Non operating Temperature</b>	5°C to 35°C   –40°C to 70°C
<b>Relative Humidity (%)</b>	10% to 80% (non-condensing)
<b>Shock</b>	3 Gs, 11ms (per axis) / 15 Gs, 7ms, 10 shock pulse
<b>Vibration</b>	0.18 Gs rms, 5Hz to 500Hz
<b>Acoustics (tested to ISO7779)</b>	85 dB at normal operation
<b>Safety Certifications</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)
<b>Emissions (EMC)</b>	FCC CFR 47 Part 15 Subpart B Class A (United States)   ICES/NMB-003 Class A (Canada)   EN 55032 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3 (Europe)   AS/NZS CISPR 32 Class A (Australia/New Zealand)   VCCI Class A (Japan)   KN 32 Class A/KN 35 (S. Korea)   CNS 13438 Class A (Taiwan)
<b>Environmental Standards</b>	The RoHS Directive (2011/65/EU)   The WEEE Directive (2012/19/EU)   The REACH Directive (EC/1907/2006)
<b>Standard Marks/Approvals</b>	Australia/New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC –PSU only), European Union (CE), Japan (VCCI), South Korea (KC), Taiwan (BSMI), United States (FCC/UL)
<b>Country Approvals</b>	United States, Canada, European Union (EU), Australia/New Zealand, Japan, China (PRC), Russia, Mexico, Germany, South Korea, Taiwan, India
<b>BTU/Hr</b>	6,838.40
<b>Warranty Period</b>	3 Years

\*Specifications are subject to change, without prior notice.