

# DISC BD Series

DISCover the future of archiving



## 50+ years unlimited archive security

### DISC BD Series solves your archiving needs

Store your financial records, x-ray photographs, law files, document scans, HD videos, CCTV footage etc. for the next 50+ years on a reliable, easy-to-access, flexible and long-life standard media for a reasonable price - with infinite capacity!



### Scalability

- Modular design from 2TB to 35TB
- Individual configurations
- SmartPack™ - Technology for flexible and infinite capacity

### Data security and compatibility

- Downward compatibility from BD to DVD and CD
- Extreme reliability and fast access through Blu-ray® technology
- Maintenance-free operation and long-term data integrity for decades
- Standard components and media

### Sustainable, Green Archiving

- Lowest energy consumption
- Environmentally friendly through significant reduction of your IT's carbon footprint
- Small footprint: 35TB need only 0,25 sqm



## Applications



- A/V production
- Archiving & Backup
- Banking
- Broadcasting & Entertainment
- Education
- Government
- Industry
- Insurance
- Law enforcement & Judiciary
- Libraries & Museums
- Medical
- Security



### Professional optical libraries for reliable long term storage

The DISC BD Series is designed to grow with your data needs and provides you with an extremely reliable archiving solution using standard Blu-ray media. Blu-ray® technology provides up to 50 Gigabyte (GB) per media and is designed for 50 years life. The DISC BD Series ensures direct access to media enabling an archive solution with a small fraction of the power consumption of HDD based solutions. The DISC SmartPack™ Technology combines hot swap capability with the best protection outside of the library. All DISC BD Series libraries can be easily integrated into your network via a wide range of connectivity options.

# DISC BD Series

Optical archiving for the 21st century

## Key features

- Automated optical media library providing near-line access to 34TB
- SmartPack™ 15 media pack with "No Touch Tray Technology"
- Direct attachment to PC Server via SAS Host Interface
- Built-in diagnostics
- Optional redundant power supply
- Fits 19-inch standard racks and cabinets (kit optional)
- Supports CD/DVD and Blu-ray® WORM and rewritable media
- Engineered and manufactured in Germany

## Connectivity

- Direct attached via Serial Attached SCSI (SAS)
- Network attach support through NAS and SAN

## Software support

- Support for Windows, Apple Mac, Linux and other platforms via storage management software
- Connects to virtually any application via file systems or APIs with transparent access to optical libraries.
- Storage management options: HSM, mirroring and read/write cache settings using UDF and other file systems.
- Media can be managed in WORM or rewritable volume sets containing single or multiple physical media with spanning and dynamic expansion options.



**RAS** (best values in industry)

MTBF	electronics	120,000 hrs
MLBF	drive	> 800,000
MSBF	library	5,000,000
low / mid / enterprise		
MTTR	library	< 20 min
Repair rate	PpM	< 10

## Configurations

DISC Series	DISC1000		DISC3000		DISC4000		DISC7000
Number of slots	45	105	240	270	370	400	510 - 690
Number of drives	2		2 - 6		2 - 6		2 - 14
Capacity (in TB)*	2.2	5.2	12.0	13.5	18.5	20.0	25.5 - 34.5

\*with 50 GB media

## Specifications

System		Drives		Media	
Mailslot	Media handling	Type	Formats	Characteristics	Capacity
single media load standard	SmartPack™ 15 media load with "no touch tray" technology	Blu-ray® Disc (BD)	BD-ROM BD-R, BD-RE CD, DVD, R/W compatible	120 mm single side, surface hard coated	25 GB 50 GB 100 GB*

\*planned, not yet available

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