



DISC Series

Optical Libraries with Blu-ray Technology

Professional Optical Libraries for Compliant Storage

The DISC Series is a modular design product family utilizing the Blu-ray technology with 25 or 50 GB per media. The DISC BD Series capacity ranges from 1 TB to 34 TB and provides up to 14 parallel data streams of 9MB/s. WORM and rewritable media are supported, offline data management is maintained by intelligent pack technology.

According to the 'pay as you grow' strategy we offer various scalable models.



The Applications

- ⇒ Industry
- ⇒ Medical
- ⇒ Law enforcement
- ⇒ Banking
- ⇒ Insurance
- ⇒ Government
- ⇒ Security
- ⇒ Audio/Video broadcasting
- ⇒ Education
- ⇒ E-mail archive

The Features

- ⇒ Modular design for individual configurations
- ⇒ SmartPack™ technology for offline management
- ⇒ Blu-ray technology
- ⇒ Redundant power supply option (standard for DISC7000 models)
- ⇒ Multiple LVD busses
- ⇒ Built-in diagnostics
- ⇒ Rack mount option
- ⇒ Options for direct attach, NAS, Fibre Channel, i-SCSI interface

Software Support:

Connectivity to virtually any application is supported by the means of file systems or APIs which provide transparent access to the optical library. A wide range of storage management options is available including data migration, HSM, mirroring and read/write cache settings utilizing the 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.

- ⇒ Direct attach OS support for MS Windows, Mac, major Linux and Unix versions and Novell NetWare
- ⇒ Network attach support through NAS appliance or MS Windows Storage Server 2003 services
- ⇒ Tape Emulation appliance



DISC Series Configuration Table

DISC SERIES	MODELL	# OF SLOTS	# OF DRIVES	CAPACITY TB (50 GB MEDIA)
DISC1000	BD-45-1	45	1	2.2
DISC1000	BD-45-2	45	2	2.2
DISC1000	BD-105-1	105	1	5.2
DISC1000	BD-105-2	105	2	5.2
DISC3000	BD-270-2	270	2	13.5
DISC3000	BD-240-4	240	4	12.0
DISC4000	BD-400-2	400	2	20.0
DISC4000	BD-370-4	370	4	18.5
DISC7000	BD-510-2	510	2	25.5
DISC7000	BD-510-4	510	4	25.5
DISC7000	BD-510-6	510	6	25.5
DISC7000	BD-660-4	660	4	33.0
DISC7000	BD-630-6	630	6	31.5
DISC7000	BD-600-8	600	8	30.0
DISC7000	BD-570-10	570	10	28.5

SYSTEM	
Mailslot	Single media load, standard
SmartPack	15 media load standard
Operation panel	16 key/32character display
Media handling	No touch tray technology
Connectivity options	Direct attach (LVD) Network attach (NAS) Storage area network (SAN) SCSI over IP (iSCSI)

DRIVES	
Blu-ray for Data (BD)	Drive for BD-ROM/BD-R/BD-RE, CD/DVD Rd/Wr compatible

MEDIA	
120mm, single side, hardcoat surface	50 GB
	100 GB
	200 GB

Technology:

Blu-ray is set to be the future high capacity archive technology with 25 or 50GB per medium and a roadmap for 100GB and 200GB media capacities. Media are single side with single or multiple recording layers of 25GB capacity. WORM (BD-R) and Rewriteable (BD-Re) media are sector type with defect management and highly efficient error correction. Blu-ray is 120mm bare media type with hardcoat surface. Blu-ray drives are read/write compatible with CD/DVD media. Technology standardization is supported through all major drive and media manufacturers as well as the UDF file system. Blu-ray read/write transfer rates are 9MB/s for the first generation with a roadmap to 18MB/s and 36MB/s.

Blue Laser Roadmap

