

PLASMON SOLUTIONS

D-SERIES DVD/CD OPTICAL LIBRARIES

PRODUCT OVERVIEW

Plasmon's D-Series libraries are the most flexible and economical libraries in the industry. Utilizing the latest DVD/CD Multi Drive technology, the D-Series allows mixing of media to suit most archiving applications and user storage requirements. Plasmon's D-Series libraries are available in three models, the D120 is available with up to 120 slots and four drives, the D240 is available with up to 240 slots and six drives, and the D480 combines up to 480 slots with up to six drives. Each library is available with Plasmon's patented Rotation Station™ for use with 9.4GB double-sided media. Storage capacities range from 758GB in the D120 to 4.1TB in the D480.

Each Plasmon D-Series library comes standard with Multi Drives for optimum flexibility and performance. These drives support reading and writing of DVD-RAM, DVD-R, DVD-RW, CD-R and CD-RW media.

DVD-R offers Write-Once-Read-Many (WORM) protection along with 9.4GB capacities and high throughput. DVD-RAM is rewriteable and also supports double-sided 9.4GB media. Each model is equipped with a patented dual-picker for faster disc exchanges and an LVD interface for longer cable connections.



MEDIA

Media are placed on trays inside 10-disc magazines for maximum protection and extreme density. Plasmon supplied media are packaged in a "clean room" and quality inspected to insure no visible defects. Each magazine is utilized inside the library as shelving for the tray-based media. Trays are captured by the dual-picker for movement inside the library so the picker never touches the media. A single media mail-slot is used for import/export of media from the library.

ECONOMIC PERMANENT STORAGE

The low cost of the automated library and DVD media makes the D-Series perfect for companies that need an affordable way to archive data for regulatory compliance, data permanence, redundancy, or just to reduce storage costs. DVD-R offers WORM protection, while DVD-RAM provides high performance and long life rewriteable technology. Plasmon's scalability and flexibility create the most economical libraries available.



D-SERIES DVD/CD LIBRARIES

VALUE, FLEXIBILITY, AND SCALABILITY

Economical nearline data storage for archive applications and data protection

- Multi Drives read and write DVD-R, DVD-RAM, DVD-RW, CD-R, and CD-RW formats in a single drive.
- Large range of models hold 120, 240 or 480 discs and utilize up to six drives.
- Dual-picker technology results in average disc exchanges between three and four seconds.
- Single or dual LVD interfaces are available for flexible configurations and extended cable lengths.
- Magazines and drives are accessible via the front door for faster service.
- Libraries are self-configuring and feature automatic alignment of robotics for greater reliability.
- Import/Export mail slot allows for Offline Media support and easy media interaction.
- Software Connectivity is supported by Plasmon and it's Independent Software Vendor partners.

(For a complete list of compatible software solutions and vendors, visit: www.plasmon.com/softwareguide)



www.plasmon.com

D-SERIES SPECIFICATIONS

D-Series	D120	D240	D480
Number of Drives (max.)	4	6	6
Number of Discs (max.)	120	240	480
Robotics Average Access Time (sec.)	3	3	4
Library Reliability (MSBF)	>2,500,000	>2,500,000	>2,500,000
Import/Export Mail Slot	Single	Single	Single
Magazines (Max.)	12	24	48
Warranty	1 Year	1 Year	1 Year
Library Interface	LVD (Auto Sensing), SCSI 2 and SCSI 3 Compliant 68-pin High Density Female Connector		
Dimensions and Weight			
Height (in)/(cm)	32.5in / 82.5cm	34in / 86.4cm	54in / 137cm
Width (in)/(cm)	10in / 25.4cm	20in / 50.8cm	20in / 50.8cm
Depth (in)/(cm)	27in / 68.6cm	26.5in / 67.3cm	26.5in / 67.3cm
Net Weight (lbs.)/(kg)	110lbs / 50kg	150lbs / 68kg	180lbs / 82kg
Shipping Weight (lbs.)/(kg)	140lbs / 64kg	221lbs / 100kg	333lbs / 151kg
Environmental Characteristics			
Operating Temperature (F)/(C)	50 to 104(F);10 to 40(C)	50 to 104(F);10 to 40(C)	50 to 104(F);10 to 40(C)
Operating Humidity	10 to 80%	10 to 80%	10 to 80%
Power Consumption (Typical)	60W	75-100W	75-100W
Operating Voltage	100 to 240	100 to 240	100 to 240
Operating Frequency	50/60Hz	50/60Hz	50/60Hz
Certifications			
Safety	IEC 60950, UL 1950, CSA C22.2 No. 950		
Emission	EN 55011 Class A, EN 55022 / CISPR 22 Class A, FCC Class A,CNS 13438 Class A, EN 61000-3-2, EN 61000-3-3		
Immunity	EN 55024		
Multi Drive Characteristics			
Model Number	DVD9571D		Average Seek Time
Interface	SCSI using ATAPI / SCSI converter		DVD-RAM: 120 ms
Capacity	4.7GB / 9.4GB DVD-RAM (rewriteable)		DVD-ROM / DVD-R: 110 ms
	2.6GB / 5.2GB DVD-RAM (rewriteable)		CD-ROM: 110 ms
	4.7GB DVD-R for General Use (write-once)		
	4.7GB DVD-RW (rewriteable) Ver. 1.1		
	CD-R (write-once)		Buffer Capacity 2MB
	CD-RW (rewriteable)		
Read Data Transfer Rate per sec.		Write Data Transfer Rate per second	
4.7GB DVD-RAM:	2.77MB (2X)	4.7GB DVD-RAM:	2.77MB (without verifying) 1.38 MB (verifying)
2.6GB DVD-RAM:	1.38MB (1X)	2.6GB DVD-RAM:	1.38MB (without verifying) 0.69 MB (verifying)
4.7GB DVD-R:	8.31MB (max X 6)	4.7GB DVD-R:	2.77MB (without verifying)
4.7GB DVD-RW:	8.31MB (max X 6)	4.7GB DVD-RW:	1.38MB (without verifying)
CD-R:	1.52MB - 4.80MB (max X 32)	CD-R:	max 1.80MB (without verifying)
CD-RW:	1.52MB - 3.60MB (max X 24)	CD-RW:	max 1.20MB (without verifying)
DVD-ROM:	3.44MB - 16.22MB (max X 12)		
CD-ROM:	1.52MB - 4.80MB (max X 32)		
Write Compatibility	4.7GB DVD-RAM, 2.6GB DVD-RAM, 4.7GB DVD-R (for General ver2.0), 4.7GB DVD-RW (ver 1.1), CD-R, CD-RW CD-DA ¹ , CD-ROM/XA, Photo CD, Video CD, CD-Extra, CD-R ^{2/3} ,		
Read Compatibility	CD-RW ^{2/3} , DVD-ROM, DVD-R ^{2/3} , DVD-RW ² , DVD-Video, DVD-RAM (4.7GB, 2.6GB)		

¹CD-G not supported.

²Playback of DVD R, CD-R and CD-RW may not be fully performed depending on the writing conditions of the disc.

³Support Multi-Read for CD-R and CD-RW.



Plasmon, Inc.
U.S. Sales & Marketing Headquarters
400 Inverness Parkway, Ste 310
Englewood, CO 80112
Tel: 800-451-6845
Fax: 720-873-2501
sales@plasmon.com
www.plasmon.com

Plasmon Data Ltd.
European Sales & Marketing Headquarters
Whiting Way, Melbourn
Hertfordshire, SG8 6EN
Tel: +44 (0) 1763 262963
Fax: +44 (0) 1763 264444
sales@plasmon.co.uk
www.plasmon.co.uk

Plasmon, Inc.
Manufacturing Headquarters
4425 ArrowsWest Drive
Colorado Springs, CO 80907
Tel: 719-593-7900
Fax: 719-593-4597
sales@plasmon.com
www.plasmon.com