

D-SERIES

DVD LIBRARIES WITH MULTI DRIVE TECHNOLOGY

Plasmon D-Series optical libraries deliver terabytes of economical DVD archival storage

D-SERIES

With the D-Series, Plasmon has the most robust, cost effective DVD optical libraries in the industry. They are built to withstand rigorous use and are well suited for cost-sensitive archival environments or where DVDs from multiple locations need to be consolidated for broader access.

D-Series libraries are also the most flexible DVD archival solutions. They combine Multi Drive technology, unprecedented scalability and support by over 20 different storage management software packages on 13 different operating systems. The patented Rotation Station™ allows D-Series libraries to operate with both single and double-sided media, maximising media options and capacities.

MULTI DRIVE TECHNOLOGY

Multi Drives read and write different DVD media formats, including DVD-R¹ and DVD-RAM², the two formats best suited for DVD archival storage. Mounted in libraries, they also facilitate consolidating DVDs and CDs scattered across an organisation, creating a centrally managed and more easily accessed archive. Multi Drives support both WORM and rewritable applications.



FLEXIBLE DVD SOLUTIONS

MIDRANGE D-SERIES LIBRARIES
Small to medium-capacity DVD archive environments, available in three different models, the D120, D240 and D480, with 80 to 480 slots. Fully populated capacities range from 564GB to more than 4.1TB and up to six Multi Drives can be supported in a single library. D-Series libraries have an optional Rotation Station for support of 9.4GB double-sided DVD media and come standard with an LVD SCSI interface.

ENTERPRISE D-SERIES LIBRARIES
Designed for high-capacity DVD archive environments, available in three different models, the D875, D1525 and the D2175, with 750 to 2175 slots. Fully populated capacities ranging from 7TB to over 20TB, more than any other DVD optical library on the market, with up to 12 Multi Drives supported in a single library. Enterprise D-Series libraries come standard with a Rotation Station and an LVD SCSI interface.



FEATURES	BENEFITS
Auto-calibration robotics	Optimal robotics alignment and minimal downtime after repair
Tray-based media	Maximum capacity with minimum footprint
Dual-Picker	Maximum performance with increased reliability
Auto-sensing LVD SCSI Interface	Easier configuration and setup. Supports greater cable lengths
Mail slot for Import/Export	Faster media interchange with the library
Rotation Station	Maximum capacity through double-sided media support
Multiple Bus Configurations	Flexible connectivity options

¹ DVD-R is a high throughput Write Once Read Many (WORM) media format. It is analogous to CD-R, but double-sided DVD-R discs store 9.4GB of data.

² DVD-RAM is a rewritable media format. DVD-RAM is available in 4.7GB or 9.4GB double-sided discs.

TECHNICAL SPECIFICATIONS - D-SERIES DVD/CD LIBRARIES

	Midrange D-Series			Enterprise D-Series		
Model	D120	D240	D480	D875	D1525	D2175
Capacity*	564GB - 752GB	1.1TB - 1.9TB	2.3TB - 4.1TB	7.1TB - 8.2TB	13.1TB - 14.3TB	19.2TB - 20.4TB
Number of Slots*	80-120	200-240	440-480	750 - 875	1400 - 1525	2050 - 2175
Number of Drives (Max)	4	6	6	12	12	12
Library Reliability (MSBF)	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Robotics Ave. Access Time (Sec)**	3	3	4	6.2	6.3	6.4
Rotation Station™	Optional	Optional	Optional	Included	Included	Included
Picker Type	Dual	Dual	Dual	Dual	Dual	Dual
Import/Export Mail Slot	Single	Single	Single	1 10-slot magazines	1 10-slot magazine	1 10-slot magazine
Removable Storage Slots	8-12 10-slot magazines	20-24 10-slot magazines	44-48 10-slot magazines	5 10-slot magazines	5 10-slot magazines	5 10-slot magazines
Warranty***	1 year	1 year	1 year	1 year	1 year	1 year
Library Interface	LVD (Auto sensing, SCSI2 and SCSI 3 Compliant 68-pin High Density Female Connector)					
Dimensions and Weight-Standalone						
Height(cm)	82.5	86.4	137.2	172.3	172.3	172.3
Width (cm)	25.4	50.8	50.8	69.1	86.9	105
Depth (cm)	68.6	67.3	67.3	91.4	91.4	91.4
Net Weight(Kg)	50	68	82	223	287	350
Shipping Dimensions and Weight					Expansion Module (1x)	Expansion Module (2x)
Shipping Height (cm)	115	120	172	193	184.2	184.2
Shipping Width (cm)	53.3	71.1	71.1	124.5	85.9	85.9
Shipping Depth (cm)	90.1	97.2	97.2	94	85.9	85.9
Shipping Weight (Kg)	64	100	151	259	84	147.2
Environmental Characteristics						
Operating Temperature (C)	+10 to 40	+10 to 40	+10 to 40	+10 to 32	+10 to 32	+10 to 32
Operating Humidity (non-condensing)	10 to 80%	10 to 80%	10 to 80%	10 to 90%	10 to 90%	10 to 90%
Non-Operating Temperature (C)	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70
Operating Voltage	100 to 240	100 to 240	100 to 240	100 to 240	100 to 240	100 to 240
Operating Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Power Consumption (Typical)	60W	75-100W	75-100W	322W (max)	322W (max)	322W (max)
Power Consumption (2 drives)	55W / 188	100W / 341	100W / 341	145W / 495 Btu/hr	145W / 495 Btu/hr	145W / 495 Btu/hr
Power Requirements	2A	2A	2A	6A	6A	6A
Certifications						
Safety	CE UL Standard 1950, 2nd Edition: 1995 Safety of Information Technology Equipment					
Emission	CSA Standard C22.2 No. 950-95, Safety of Information Technology Equipment					
Immunity	EN 60950: 1992 +A1 +A2 _A3 +A4 +A11 Safety of Information Technology Equipment					
Multi Drive Characteristics						
Model Number	DVD9571D					
Interface	SCSI using ATAPI /SCSI converter					
Capacity	4.7GB / 9.4GB DVD-RAM (rewritable) 2.6GB / 5.2GB DVD-RAM (rewritable) - read only operation 4.7GB / 9.4GB DVD-R for General Use (Write Once) 4.7GB DVD-RW (rewritable) Ver. 1.1 CD-R (write-once) CD-RW (rewritable)					

*Depending on configuration

** Average robotics movement and media exchange combined.

*** First year on-site (USA 5x9 next business day)

Plasmon's Family of DVD Optical Libraries
Plasmon is ISO 9001 certified



European Headquarters

Plasmon Data Limited, Whiting Way, Melbourn, Hertfordshire SG8 6EN, UK.
Tel +44 (0)1763 262963 Fax +44 (0)1763 264444
Email: sales@plasmon.co.uk

www.plasmon.co.uk

www.udo.com

Regional Sales Offices

Belgium
Plasmon Data sa/nv
Draaiboornstraat 6
2160 Wommelgem
Tel + 32 (0)3 355 1980
Fax + 32 (0)3 354 2155
plasmon.ne@plasmon.co.uk

Italy
Plasmon Data SRL
Via Marsala, 36 (Torre B),
21013 Gallarate (VA)
Tel +39 0331 782904
Fax +39 0331 782905
plasmon.se@plasmon.co.uk

Germany
Plasmon Data Limited
Abensberger Strasse 36 B
84048 Mainburg
Tel +49 8751 875 100
Fax +49 8751 875 111
plasmon.ce@plasmon.co.uk