

ASACA TeraCart®

Multimedia Storage System



SYSTEM	AM-1450DVD	AM-750DVD	AM-250DVD
Media Type	DVD-ROM, DVD-RAM CD, CD-R, CD-ROM		
Disk Capacity	1100 to 1450	600 to 750	200 to 250
Drive Capacity	1 to 24	1 to 12	1 to 6
Data capacity	7.54TB	3.9TB	1.3TB
Picker	2		
Single Sided Media	YES	YES	YES
Double Sided Media	YES	YES	YES
Import\Export	1 disk or 5 disks		
Disk Exchange	3.5 Seconds		
Host Interface	SCSI-2		
Disk Magazine	50 disks/magazine		
Virtual Libraries	YES	YES	YES
WEB-based Control	YES	YES	YES
Security	Front/Rear door key for magazine exchange		
EXPANDABILITY			
Maximum Capacity	8 cab/60.3TB	8 cab/31.2TB	1 cab/1.3TB
RELIABILITY			
MSBF	1,000,000 cycles		
MTTR	Less than 30 minutes		
Safety Standards	UL, TUV, CUL		
EMI	FCC A Part 15 sub B EN50081-2		
EMC/EMS	EN50082-2, EN61000-4, ENV50204		
PHYSICAL			
Height [mm] [in]	1830/72.1	1275/50.2	740/29.2
Width [mm] [in]	500/19.7	500/19.7	430/17.0
Depth [mm] [in]	700/27.6	700/27.6	700/27.6
Weight [kg] [lb]	180/397	120/265	70/185
<small>(without disks and drives)</small>			
ENVIRONMENTAL CONDITIONS			
Temperature	5°C-35°C		
Humidity	15-80%RH (non-condensing)		
POWER			
Voltage	100/117/220/230 VAC		
Frequency	50/60 Hz		
Power consumption	Less than 250VA without drives		

ASACA/SHIBASOKU CORPORATION

3-2-28 Asahigaoka, Hino City, Tokyo 191-0065, Japan
Tel: (042) 583-1211 Fax: (042) 586-9000
www.asaca.co.jp sales@asaca.co.jp

420 Corporate Circle, Suite H, Golden, CO 80401 U.S.A.
Tel: (303) 278-1111 Fax: (303) 278-0303
www.asaca.com sales@asaca.com



TeraCart®

Multimedia Storage System

Digital Virtual Library

DVL

Digital Virtual Library

The Asaca TeraCart Multimedia Storage System family is a high performance, low cost library system that can accommodate DVD-RAM, DVD-ROM, CD, CD-R and CD-ROM media

Dual Robotics Picker holds 2 disks
Library can pre-fetch the next disk, cutting swap times
Robotics head flips, fast access to both sides of DVD-RAM media

Media is stored in removable 50 disk magazines
Add up to 12 drives total in the AM750DVD, 6 in the AM250DVD
Add up to 8 cabinets as your storage requirements expand
Mixed media in a single cabinet

DVLs can be split into
Virtual Storage Libraries with multiple media types
Virtual Storage Libraries can share drives

Backup-Archiving
Post Production-Video Editing
Digital Pre-Press-Data Warehousing
Near Line Storage-On line RAID

DVD-RAM DVD-ROM CD ROM
CD-R CD-RW CD Audio

Expansion to 8 cabinets
1 or 8 separate systems
High Data availability

A Terabyte per square foot
of Random Access Storage

Double-Sided Media 5.2GB per disk
Data Transfer >2MB/s
Access times of 120ms

Easy import and export-1 to 5 disks
Pallet system accepts any 120mm disk media

Assign drive SCSI ID's
Interactive display for easy set up of library
Define Virtual Storage Libraries within and across cabinets
View performance and set system parameters
Move media, control local and remote logging operations

Virtual Library 1
CD-R

Virtual Library 2
CD-Rom

Virtual Library 4
DVD-Rom

Virtual Library 3
DVD-Ram

Cabinet One

Cabinet Two

Flexible, Fast-Access Data Storage

ASACA's Digital Virtual Libraries can handle multiple concurrent applications.

Simply configure a cabinet into several virtual libraries and run multiple applications using different media at the same time.

By setting virtual libraries as DVD-RAM for back up and archiving, CD-ROM for a reference library and CD-R for legacy data the ASACA TeraCart series can handle all of your storage needs in a single cabinet.

Hi-Performance

Configurable Storage

Multi-Configuration

Multi-Function

Multi-Format

Multi-Unit

Efficient

Double-Sided Media

Flexible

WEB Controller