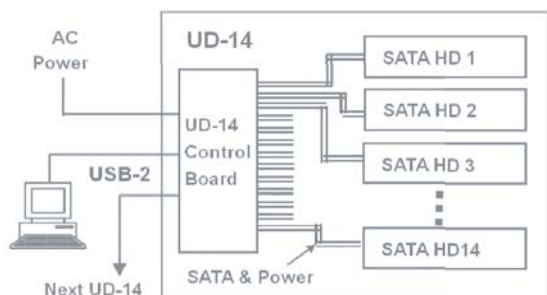


Looking for a combination of hundreds of USB HDDs?
UD-14 is your smart choice!

NeLDS

Near Line Disk Storage

UD-14



UD-14 is a new generation disk storage module which contains up to 14 SATA disks in a 4U rack-mount chassis. The power line and SATA cable of every disk is controlled by electronic switches. Under software control, the power is on only for the accessed HDDs. It means the power of the idle HDDs can be off to prevent side-effects like heat and noise problem. Using USB 2.0 interface can connect up to 15 storage modules which will create a large volume disk storage system up to 210 HDDs. Using currently available 400GB HDD, it is easy to create a 5.6TB near line disk storage system. Thanks to the special architecture, UD-14 is not only cost effective, safety and power saving but also an ideal solution especially for video archiving.

UD-14 Features



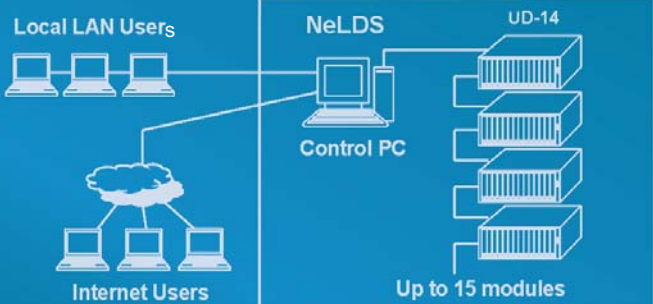
- Industrial 19" rack-mount chassis
- 14 SATA drive frame kits
- Frontside HDD installation
- Electronic power switches
- Separated read/write LED per HDD
- Easy HDD setup utility
- SDK (.dll) for AP development
- Power supplies up to 4 HDDs.

External Power :
 AC-90~250V, <100Watts

Size:	cm	inches
Height	17.6	6.9
Depth	41.7	16.4
Width	48.3	19

(No HDD included)

NeLDS
System



Features

- Integrate up to 15 UD-14 modules
- Auto power off idle HDDs to reduce heat and power wasting
- Easy-to-use Client Utility for uploading and downloading.
- Disk Cache to improve performance.
- Disk Mirroring to improve data security
- Auto disk/file diagnostic and repair function.

Setup-Utility

NeLDS Manager

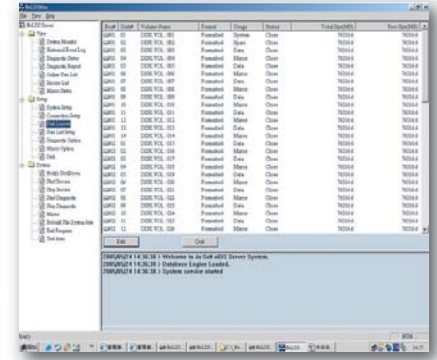
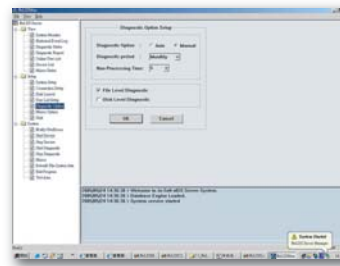
Storage Management system

Features

- Detect connected UD-14 modules
- Report existing HDDs in every module
- Check HDD information (brand, model number and capacity)
- Check if the HDD is formatted
- Link to Windows Disk Manager to format HDD with NTFS file system
- Mount HDDs to Windows File Manager as NTFS folders
- Report the power on/off status of HDDs
- Report if a HDD is online and ready to read/write
- Single click in UD-Utility to launch Windows File Manager
- SDK for AP development
- Unicode based UI supports different languages



NeLDS Manager provides functionalities for management and layout of a group of UD-14 modules. The functions include system setup, mirroring, diagnostic, and Group/Users account management. In addition, it is a handy file storage system. Any users may use NeLDS as a whole storage through LAN or Internet TCT/IP connection with ease.



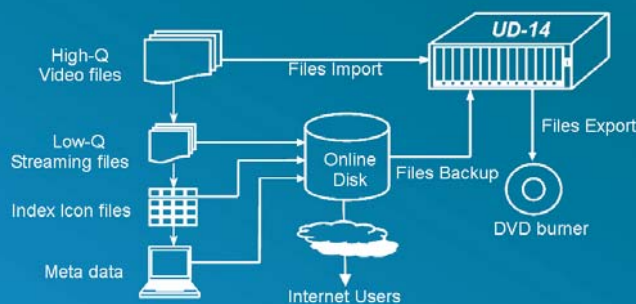
Features

- Assign UD-14 disks as Data disk/Mirror Disk/Spare Disk/System backup disk.
- Manage each individual user accounts, including user priority information, user authorizations and user disk space quota.
- Mirror option for each file uploaded.
- Use on-line disks to store system data and function as disk cache to improve performance.
- Automatic File/Disk diagnostic periodically with system setup period. The diagnostic process will be initiated in background when system idles.
- System will automatic repair and backup fixed files into designated spare disk when file is detected as damaged.
- E-mail data owner the status of damaged file(s) after error found in diagnostic process.
- Automatically backup system data / files, and providing recover utility.
- Report unreliable disk modules.
- User can easily replace UD-14 disks by using Disk replacements and recovery function. (Disk to Disk backup)



Video Library

UD-14 is a cost effective choice for applications like Video Libraries. The original



high quality video files can be directly imported to or exported from UD-14. The reference data like low quality streaming files, index icons and meta data can store not only in the on-line disks, but also in UD-14 as backup.