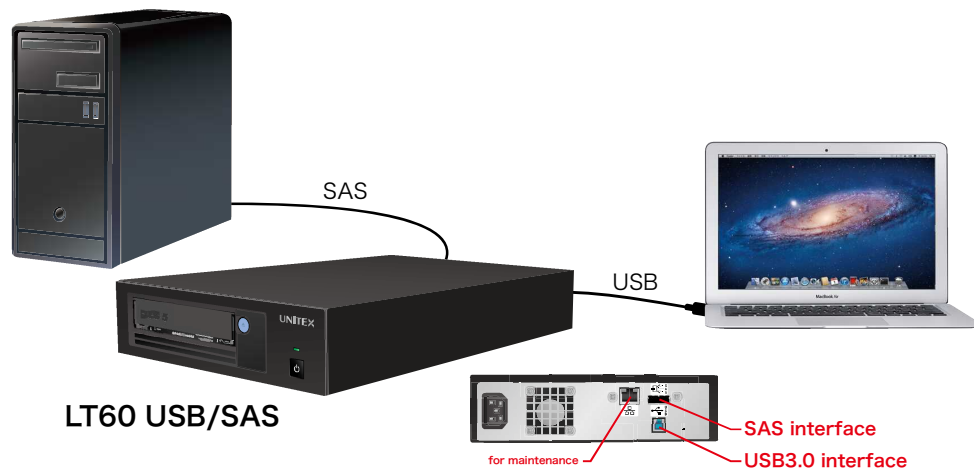


Hybrid type LTO6 tape drive embedded both
USB3.0 and SAS interface



Features

USB3.0 & SAS interfaces are embedded
User can choose one of the interface depend on data type & purpose Hybrid type of LTO tape drive

Hybrid type LTO tape drive developed by Unitex for the first time in the world which equipped with a SAS and a USB interface. USB connection is possible to connect/disconnect the drive in putting the power of the computer without "restart". SAS interface is suitable for high speed data transfer of big capacity such as archive or backup of Big data. In the case of LTFS for Mac OSX and Linux, the drive can be used by switching unmount/mount. In the case of Windows LTFS, the drive can be used by switching the drive letters in the LTFS setting screen.

LTFS (Linear Tape File System) is combined

Since it is possible to move and write to the file by drag-and-drop similar to the hard disk drive feature of LTFS function, you can easily edit, store, distribute the high resolution video data and easily operate the backup of the data.

Supports Windows, MacOSX and Linux

By LTFS format, without awareness of platform, it can transfer the data between different OS.

Advantages

USB connection

USB interface is good at "easy operation". Suitable for editing, archiving or distribution of various data by notebook PC.

SAS connection

SAS interface is good at "High capacity/High speed data transfer", Suitable to reduce the time for archiving of big data or the time for periodical back up.

Share of the LTO drive with multiple machines of server and notebook PC.

LTFS format can exchange the data between different OS easily without paying attention to platforms

A variety of applications

Broadcasting, Video industry

- Archive of video assets, such as film, VTR.
- Correspond to the requirements of necessity of archive media according to the capacity increase of the video data.

Surveillance camera industry

- Archiving large amounts of video data according to increase of number of cameras, becoming higher resolution and colorization.
- Good for long term archiving of camera data and saving energy. (change the archiving device from HDD to LTO because LTO tapes does not need electricity during storage)

Medical industry

- Archiving large amounts of data due to high resolution of the electronic medical record and medical image data
- Long-term storage of medical data, data exchange between hospitals

-Tape Partitioning- Technology to support the LTFS

Partitioning of the tape is supported from LTO5 (Ultrium5)

One tape is divided into two partitions.

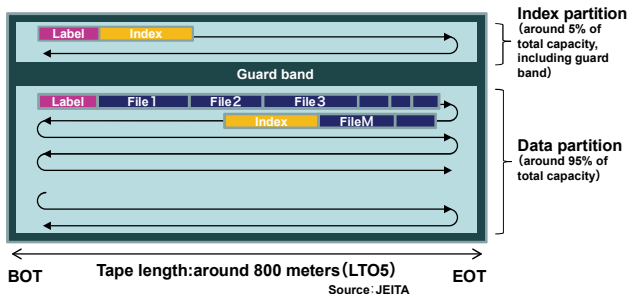
Index partition

- A small area to store the index. Since the latest index placed at the beginning of the tape, contents of user data including the tape is viewable at high speed after loading to the tape.

Data partition

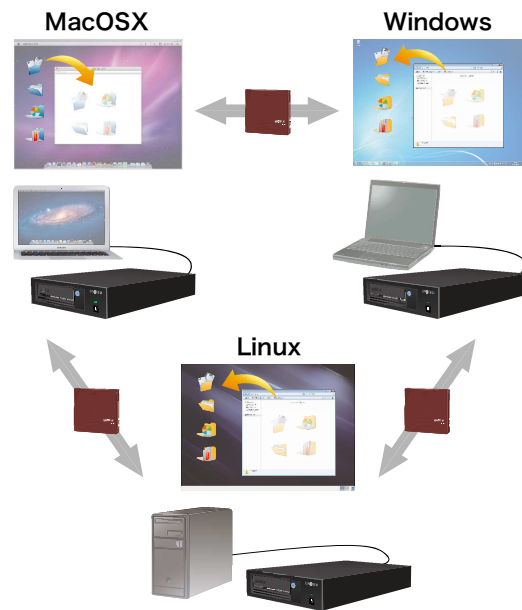
- A large area to store the user data.

Chart of divided tape and file storage



Example of data exchange between different OS

LTFS format can exchange the data between different OS easily without paying attention to platforms



Easy exchange of the data between different OS

Accomplish LTFS (Linear Tape File System) by data partitioning.

- Accomplish easy data access and easy management in the LTO tape with similar operation to the files on the disk
- Read/write operation by common file/folder operation such as drag & drop is possible.
- Share file data between different OS is possible.

UNITEX LTFS3000 Software (English)

UNITEX LTFS3000 is bundled as standard software

Case of MacOSX



- LTFS format
 - When a new tape is purchased
 - A tape used without LTFS
 - A LTFS tape is formatted
- Mount/Unmount of LTFS tape
- Data input/output
- Rollback
- Repair of LTFS data inconsistency
- Eject of LTO tape

Specifications

Model	LT60 USB/SAS
Tape Drive Type	LTO Ultrium6
Interface	USB3.0/6Gbps SAS
Cartridge capacity	2.5TB Native; 6.25TB with 2.5:1 data compression
Native data transfer speed (Max)	USB3.0: 140MB/sec(Native) 6GpbsSAS: 160MB/sec(Native)
OS support	Mac OS X / Windows / Linux
Dimensions(mm)	215(W) × 370(D) × 60(H)
Weight	4.5Kg
Contents	LTO tape drive USB3.0 cable 100V power cable User's guide (English) UNITEX LTFS3000 software (English)
Environmental conditions	Operating temperature 10~40°C Operating humidity 20~80% Wet-bulb temperature 26°C
Option	SAS board/SAS cable 200V power cable LTO Ultrium6 data cartridge

LT50 USB/SAS HYBRID

LT05 version is also available.

Cartridge capacity	1.5TB Native; 3TB with 2:1 data compression
Native data transfer speed (Max)	USB3.0: 140MB/sec(Native) 6GpbsSAS: 140MB/sec(Native)

* Specifications other than the above are same with LT60 USB/SAS.