ODS-L100E

PetaSite Optical Disc Archive
library expansion unit
(cartridge only)

Overview

PetaSite Optical Disc Archive scalable library

The ODS-L100E is an expansion unit for the ODS-L30M master library unit that extends the size of a PetaSite Optical Disc Archive scalable library for broadcast, post production, editing and desktop operations. The unit holds up to a maximum of 101 cartridges and a built-in robotic mechanism in a 7U, 19-inch rack-mountable chassis.

Expand library with up to five extension units attached to ODS-L30M

The ODS-L60E extends the PetaSite Optical Disc Archive, operating alongside the ODS-L30M and ODS-L100E (cartridge only) extension units. A total of five extension units maximum can attach to the ODS-L30M to make up a single 42U library offering a maximum 535 cartridges (Approx. 1.76PB), depending on the extension units used.

Ideal for deep archive and near-online archive

The Sony Optical Disc Archive system is ideal for deep archive for very long term archiving, such as broadcaster archives where data tape does not provide the assurance or meet the need for write-once, very long-term archive requirements. It provides second copy archive at a

remote site and is ideal for business continuity/disaster recovery, post house and production back-up and for video, film and stock footage archives or national archives. The system can also be used for news and sports clips that need to be near-online and as an on-line browse and proxy clip store.

A world of solutions

You'll find Optical Disc Archive solutions from Sony at work in a wide range of environments where speedy, reliable access to your precious data is crucial – along with effortless scalability and attractive ownership costs. Optical Disc Archive provides archiving solutions across seven key industries, from digital Media Asset Management to healthcare, banking, education and more.

See our ODA solutions page or contact us now to see how ODA solutions can boost the profitability of everyone's business.

Features

PetaSite Optical Disc Archive scalable library
The ODS-L100E holds up to a maximum of 101 cartridges, and a built-in robotic mechanism in a 7U, 19-inch rack-mountable chassis.

Categorisation by cartridge
The ODS-L100E contains up to 101 cartridges, you can use different cartridges per category or user.

Expand library with up to five extension units attached to ODS-L30M
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units maximum can attach to the ODS-L30M to make up a single 42U library offering a maximum 535 cartridges (Approx. 1.76PB), depending on the extension units used.

File Manager
The PetaSite Optical Disc Archive library is connected to a host computer via Ethernet, and the drive units installed in this library is connected to the host computer via fibre channel. After File Manager software is installed on a host computer, all operations are controlled with a web-based GUI from each client computer. It uses a simple Drag & Drop operation to archive and retrieve files and provides the opportunity for the user to add simple text metadata when archiving files.

Easily integrated in existing library SAN infrastructure
Operations can be managed by HSM application allowing auto-operation on all Optical Disc cartridges. The PetaSite Opitical Disc Archive system is a complimentary archive technology that can co-exist with any LTO or data tape library in a standard SAN infrastructure. It provides a cost effective, long term archiving solution.

Related products

ODS-D55U

Optical Disc Archive standalone drive unit with transfer speeds 330 Mbps (read) and 210 Mbps (write-once disc) or 130 Mbps (rewritable disc)

ODS-D280F

Optical Disc Archive fibre channel drive unit for the ODS-L30M/L60E/L100E PetaSite scalable library with very high transfer speeds of 1Gbps

File Server mode License for FM2

File Server mode License of FM2(FSL) is an option license for File Manager2.
 The license

Optical Disc Archive Cartridge Generation 1

300GB*, 600GB, 1.2TB and 1.5TB

write (verify on) and 2Gbps read using ODC-3300R Generation 2 cartridge

enables standard file IO interface of File Manager2, and it can be usable by local or network applications (SMB).

disc (Rewritable or Write once)

ODC300R, ODC300RE, ODC600R, ODC600RE, ODC1200RE, ODC1500R

Optical Disc Archive Cartridge Generation 2

ODC-3300R 3.3TB write-once cartridge

ODS-L60E

PetaSite Optical Disc Archive library expansion unit (drive and cartridge)

ODS-D380U

The latest Optical Disc Archive stand-alone drive with very high transfer speeds of 1.5 Gbps write (verify on) and 3 Gbps read using ODC-5500R Generation3 cartridge.

ODS-D77F

Optical Disc Archive fibre channel drive unit for ODS-L30M PetaSite scalable library with transfer speeds up to 1,150 Mbps (read) and 780 Mbps (write-once disc) or 310 Mbps (rewritable disc)

ODS-L100E

PetaSite Optical Disc Archive library expansion unit (cartridge only)

ODS-D280U

Optical Disc Archive stand-alone drive with very high transfer speeds of 1Gbps write (verify on) and 2Gbps read using ODC-3300R Generation 2 cartridge

Virtual Tape mode License for FM2

Virtual Tape mode License for FM2, (VTL), is a option license of File Manager2. The license enables tape protocol interface of File Manager2.

ODS-D77UA

ODS-D77UA has very high transfer speeds. Read is 1.1Gbps. Write-once is 440 Mbps and Rewritable is 160 Mbps (verify on). Performance varies based on type of cartridge.

ODS-L30M

PetaSite Optical Disc Archive 30-slot master library unit

Optical Disc Archive Software (Driver)

PC read/write file utility for ODS-D77U/D77F and ODS-D55U Optical Disc Archive systems

ODBK-203

Base unit for Optical Disc Archive ODS-L30M PetaSite scalable library

File Manager2

File Manager2 (FM2) is a successor software to the existing File Manager software. FM2 allows the ability to archive / retrieve your contents to / from Optical Disc Archive Drive and Petasite Library from a PC.

ODBK-201

Power supply unit for Optical Disc Archive ODS-L30M/L60E PetaSite scalable library

ODBK-202

Base unit for Optical Disc Archive ODS-L30M PetaSite scalable library

ODBK-103

Extension Kit for Optical Disc Archive ODS-L30M PetaSite scalable library

Gallery