

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



Overview

100 years estimated archive life for all data files*

The ODS-D280U Optical Disc Archive stand-alone drive unit is part of the Optical Disc family of data storage products designed to provide an extended life cycle for storing and archiving all forms of audio-visual assets and data files for the very long term.

* Referring to the ISO/IEC16963 method, this is the estimated average archival life of an archival bare disc calculated by internal acceleration testing.

Deep archive for very long-term archiving requirements

Fully backward-read compatible, the Sony Optical Disc Archive drive technology is designed to provide read capability for all generations of optical disc cartridge media, giving you access to your content for 50+ years, whilst eliminating the need for a forced media migration due to media and drive obsolescence.

Reliable and robust large-capacity media

The drive unit handles a single optical disc cartridge that offers an alternative to LTO or traditional forms of data tape for the longer-term archiving of valuable assets. With a low total cost of ownership, the Sony optical disc cartridge offers very fast random access to all content and files. The innovative drive design provides for a 'dual channel' capability and, being file format

independent, it can store your assets in a data file format. Sony optical disc cartridges are available in 300 GB, 600 GB, 1.2 TB, 1.5 TB and 3.3TB* capacity sizes, in re-writable and write-once formats.

* 3.3TB ODC-3300R (Generation 2) cartridge is write-once. The 3.3TB cartridge is only readable/writable by the ODS-D280U and the ODS-D280F drives. The ODS-D55U, the ODS-D77U and the ODS-D77F drives cannot handle the 3.3TB cartridge.

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

Very fast transfer speeds

The ODS-D280U has very high transfer speeds. Reading is

maximum 2Gbps*. Writing is maximum 1Gbps (with verify on)*. Performance is varied based on type of cartridges.

* When using 3.3TB ODC-3300R Generation 2 write-once cartridge.

USB 3.0 interface for ease of connectivity

The ODS-D280U Optical Disc Archive stand-alone drive unit is 'plug and play' with a USB 3.0 interface.

Optical disc cartridges mounted as a single large volume making file access very simple

The Sony optical disc cartridge system is designed and manufactured to extremely high specifications, offering a reliable, robust and portable media system for the very long term. Optical disc cartridges are available in 300 GB, 600 GB, 1.2 TB, 1.5 TB and 3.3TB* capacity sizes, in re-writable and write-once formats.

* 3.3TB ODC-3300R (Generation 2) cartridge is write-once. The 3.3TB cartridge is only readable/writable by the ODS-D280U and the ODS-D280F drives. The ODS-D55U, the ODS-D77U and the ODS-D77F drives cannot handle the 3.3TB cartridge.

Specifications

Specifications	
I/F	USB 3.0/2.0
Power Requirements	19.5 V DC (AC adapter supplied)
Power Consumption	Approx. 110W (Tentative)
Operating Temperature	5°C to 40°C (41°F to 104°F) (Tentative)

Storage Temperature	-20° C to 60° C (-4° F to 140° F) (Tentative)
Humidity	20% to 90% (relative humidity) (Tentative)
Mass	Approx. 4.8kg (Tentative)
Dimensions(W x H x D)	146 x 95.5 x 414.4 mm (Excluding protrusions, Tentative)

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-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-D280F

Optical Disc Archive fibre channel drive unit for the ODS-L30M/L60E/L100E PetaSite scalable library with very high transfer speeds of 1Gbps write (verify on) and 2Gbps read using ODC-3300R Generation 2 cartridge



ODS-L30M

*Please contact your local sales representative for details.



ODS-L60E

*Please contact your local sales representative for details.



ODS-L100E

*Please contact your local sales representative for details.



Optical Disc Archive Cartridge



Optical Disc Archive Software

Generation (Driver)

2

ODC-3300R 3.3TB
write-once cartridge

*Please contact your
local sales
representative for
details.



File Manager2

*Please contact your
local sales
representative for
details.

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)

File Server mode License for FM2

*Please contact your
local sales
representative for
details.

ODS- D380U

*Please contact your
local sales
representative for
details.

Gallery

