

ODS-D380U

*Please contact your local sales representative for details.



Overview

100 Years' Estimated Archive Life for All Data Files*

The ODS-D380U 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. (Generation 2, 3)

Deep archive for very long-term archiving requirements

Fully backward-read compatible, 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 100+ years, while 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 600 GB, 1.2 TB, 1.5 TB, 3.3 TB and 5.5 TB* -capacity sizes, in rewritable and write-once formats.

*5.5 TB ODC5500R and 3.3 TB ODC3300R cartridges are write-once. ODS-D380U/ODS-D380F can read from Generation 1–3 cartridges and write to Generation 2 and 3 cartridges. ODS-D280U/ODS-D280F can read from Generation 1–2 cartridges and write to Generation 2 cartridges. ODS-D55U/ODS-D77UA/ODS-D77F can read/write from/to Generation 1 cartridges. Generation 1 Cartridge: ODC300R/RE, ODC600R/RE, ODC1200RE, ODC1500R
Generation 2 Cartridge: ODC3300R, Generation 3 Cartridge: ODC5500R

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 anyone's business.

Features

Very fast transfer speeds

The ODS-D380U has very high transfer speeds. Reading has a maximum speed of 3 Gbps*. Writing has a maximum speed of 1.5 Gbps (with verify on)*. Performance is varied based on type of cartridges.

*When using 5.5 TB ODC-5500R Generation 3 write-once cartridge.

SuperSpeed USB 10 Gbps (USB 3.2) interface for ease of connectivity

The ODS-D380U Optical Disc Archive stand-alone drive unit is 'plug and play' with a USB 3.2 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 600 GB, 1.2 TB, 1.5 TB, 3.3 TB and 5.5 TB* capacity sizes, in rewritable and write-once formats.

*5.5 TB ODC5500R and 3.3 TB ODC3300R cartridges are write-once. Please refer to the Generation compatibility chart in the Overview.

Specifications

GENERAL

SuperSpeed USB 10 Gbps (USB 3.2)

I/F	/ USB 3.0
Power Requirements	19.5 V DC (AC adapter supplied)
Power Consumption	Max Approx. 105 W (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. 4.8 kg (Tentative)
Dimensions (W x H x D)	146 x 95.5 x 414.4 mm (Excluding protrusions, Tentative)

Related products



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 fiber 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



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



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Generation 2 cartridge



ODS-L30M

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ODS-L60E

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ODS-L100E

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Optical Disc Archive Cartridge Generation 1

300 GB*, 600 GB, 1.2 TB, and 1.5 TB disc (rewritable or write once)
ODC300R, ODC300RE, ODC600R, ODC600RE, ODC1200RE, ODC1500R



Content Manager

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File Manager2

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Optical Disc Archive Cartridge Generation 2

ODC-3300R 3.3TB write-once cartridge

Gallery

