

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)



Overview

50+ years estimated archive life for all data files

The D55U Optical Disc Archive standalone drive unit is the 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.

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 and 1.5 TB capacity sizes, in re-writable and write-once formats.

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

Fast transfer speeds

The ODS-D55U has high transfer speeds: read 330 Mbps, write 210 Mbps (write-once discs) and 130 Mbps (rewritable discs).

USB 3.0 interface for ease of connectivity

The ODS-D55U Optical Disc Archive standalone drive unit is 'plug and play' with a USB 3.0 interface.

Very low power consumption

The Optical Disc Archive standalone drive unit has a power consumption of 20W to contribute to low total cost of ownership.

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. The cartridge media is available from Sony and TDK™, giving customers a choice of suppliers. Optical disc cartridges are available in 300 GB, 600 GB, 1.2 TB and 1.5 TB capacity sizes, in re-writable and write-once formats.

Content Manager for ease of use

The Optical Disc Archive standalone drive unit comes with Sony's simple Content Manager application for ease of managing assets, generating a proxy copy and providing search and metadata entry functions.

Specifications

General	
Power Requirements	12 V DC (AC adapter supplied)
Power Consumption	20 W (average)
Operating Temperature	5°C to 40°C 41°F to 104°F
Storage Temperature	-20°C to +60°C -4°F to +140°F
Operating Humidity	20% to 90% (relative humidity)
Mass	4.0 kg 8 lb 13 oz

Dimensions (W x H x D) *[1]	146 x 92 x 398 mm (excluding protrusions) 5 3/4 x 3 5/8 x 15 3/4 inches (excluding protrusions)
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Drive

Type	Optical Disc Archive Drive (x1)
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Input/Output

USB	Super Speed USB (USB3.0) (x1)
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Supplied Accessories

Supplied Accessories	AC adapter (1) (AC power cord should be put by each sales company.) USB3.0 cable (1) Serial number sheet for Content Manager (1) Operation Manual (CD-ROM) (1) Operation Manual (1)
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Media

Type	Optical Disc Archive Cartridge
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Notes

Note

*[1] The values for dimensions are approximate.

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.



PWS-100MG1

Media Gateway Workstation



File Manager2

*Please contact your local sales representative for details.



Optical Disc Archive Software (Driver)

*Please contact your local sales representative for details.



Content Manager

*Please contact your local sales representative for details.



Optical Disc Archive Cartridge Generation 1

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



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



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-L60E

*Please contact your local sales representative for details.



ODS-L100E

*Please contact your local sales representative for details.



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



PWS-110MG1

Short-depth Media Gateway Workstation



File Server mode License for FM2

*Please contact your local sales representative for details.

Gallery

