SONY

SD Card for Professional

128GB, 64GB and 32GB ultra high durability Memory Cards

Overview

Ultra high durability with free file recovery software

Sony SD Card for Professional is specially designed for professional camcorders, featuring outstanding physical strength and enhanced file recovery software*1. The SD Card for Professional comes in three sizes and supports the most advanced video formats, such as AVCHD, XAVC S and XAVC Long.

*1 Free download at: http://www.sony.net/Products/memorycard/datarescue/download3d.htm

Note: We do not guarantee the recovery of all data. Some files may not be recoverable due to their data status. The damaged or defective memory card itself cannot be recovered.

Ten times tougher

The SD Card for Professional is 10x tougher*2 than Sony's regular SD cards thanks to the use of special materials and double-welding injection manufacturing process.

*2 Results from Sony's internal bending test as of May 2016.

Enhanced file recovery software

Sony's free file rescue software applies a special algorithm for high rate of recovery of AVCHD/XAVC S video files taken with

Sony's video cameras*3. It is available to download at www.sony.net/products/memorycard/datarescue/download3d.html

*3 Based on Sony's internal testing in recovery after quick format

Three sizes of SD Card for Professional

128GB SF-G1P SDXC UHS-I Memory Card
64GB SF-64P SDXC UHS-I Memory Card
32GB SF-32P SDHC UHS-I Memory Card

Features

Tough and reliable
The SD Card for Professional is the toughest, most durable Memory Card to date*1. Under tests for durability, it is 10x tougher*2 than Sony's regular SD cards thanks to the use of special materials and double-welding injection manufacturing process. It is made to withstand up to 72 hours in room-temperature water at depths of 1.2m (exceeding IPX7 standards for waterproofing), dustproof to IP6X standards and drop up to 5m.

*1 Based on Sony's research as of May 2016.
*2. Results from Sony's internal bending test as of May 2016.

Compatible with leading pro formats
The SD Card for Professional supports HD using AVCHD, HD using MPEG HD 422, 4K and HD recordings using XAVC-S format, as well as 4K and HD XAVC Long format.

Fast transfer speeds
The SD Card for Professional provides transfer speeds of up to 95MB/s (Read)*3 and 90MB/s (Write)*3 using the UHS-I SD interface.

*3 Based upon Sony testing using SD Association certified testing tool. Transfer speeds vary and are dependent on host device.

Enhanced file recovery software

Sony's free file rescue software supports the latest video format such as AVCHD, XAVC S and XAVC Long*4. It applies a special algorithm for a high rate of recovery of AVCHD/XAVC S*4. For AVCHD, not only can lost video files be recovered, but also their associated files and directory structure, allowing the video files to be played with compatible cameras.*5

The software is available to download at www.sony.net/products/memorycard/datarescue/download3d.html

*4 Sony's free file rescue software supports the recovery of JPEG(DCF), MPEG-1, MP4(MPEG-4, MPEG-4 AVC, XAVC S, XAVC Long), AVCHD(ver.2.0), AVCHD 3D, 3D photo (MPO), RAW photo, MOV movie, other types of file.
*5 Based on Sony's internal testing in recovery after quick format.
*6 Playback may not be successful depending on the media or device conditions.
*7 The software supports the recovery of files stored in Sony's memory media products. Recovered files will be stored in your PC. Some recovered files may not be played back by cameras or other devices, depending on the original recorded conditions.

Note: We do not guarantee the recovery of all data. Some files may not be recoverable due to their data status. The damaged or defective memory card itself cannot be recovered. Game data and content-protected music and movies are not supported.

How to use memory card file rescue?

Find out how to use card file rescue at www.sony.net/products/memorycard/en_us/datarescue/manual.html

Specifications

Specifications

Memory size	SF-32P: 32GB SF-64P: 64GB SF-G1P: 128GB
User capacity	SF-32P: Approx. 28.8GB SF-64P: Approx. 57.6GB SF-G1P: Approx. 115.2GB
Speed class	Class 10 (SD Speed Class) Class 3 (UHS Speed Class)
Transfer speed	Read: Up to 95MB/s*1 Write: Up to 90MB/s*1
SD interface	UHS-I
Power requirements	2.7V – 3.6V
Operating condition - Current	800mA
Operating condition - Temperature	-25 ~ +85°C (Non-condensing)
Service support warranty period	5 years
Water proof	72 hours @1.2m (Higher than IPX7)*2
Dust proof	IP6X (IEC)*2

Shock	2,500G*2
Bend	100N*2
Drop	5m*2
X-ray proof	Conformance with ISO 7816-1*2
Magnet proof	2,500 gauss for 70 hours*2
Anti static	Conformance with IEC 61000-4-2 for anti static testing*2
UV guard	Conformance with ISO7816-1*2

Recording Format Compatibility

SF 32P	4K XAVC S Resolution: 3840 x 2160 Bit Rate: 100Mbps/60Mbps*3 HD XAVC S Resolution: 1920 x 1080 Bit Rate: 50Mbps*3 HD XAVC S Resolution: 1280 x 720 Bit Rate: 50Mbps*3 HD AVCHD Resolution: 1920 x 1080 Bit Rate: 28Mbps/24Mbps/17Mbps HD AVCHD Resolution: 1280 x 720 Bit Rate: 24Mbps/17Mbps/9Mbps
	4K XAVC Long 420 Resolution 3840 x 2160 Bit Rate: 100Mbps/60Mbps XAVC Long 422 Resolution 1920 x

SF 64P and SF G1P	1080 Bit Rate: 50Mbps/35Mbps/25Mbps 4K XAVC S Resolution: 3840 x 2160 Bit Rate: 100Mbps/60Mbps HD XAVC S Resolution: 1920 x 1080 Bit Rate: 50Mbps HD XAVC S Resolution: 1280 x 720 Bit Rate: 50Mbps HD AVCHD Resolution: 1920 x 1080 Bit Rate: 28Mbps/24Mbps/17Mbps HD AVCHD Resolution: 1280 x 720 Bit Rate: 24Mbps/17Mbps/9Mbps

Notes	
*1	Up to 95MB/s transfer speed; write speed: 90MB/s. Based upon Sony testing using SD Association certified testing tool. Transfer speeds vary and are dependent on host device.
*2	Based on Sony internal testing. Actual performance may vary based on environment and usage.
	It depends on recording device if XAVC S can be recorded onto SDHC memory cards (some host

*3   devices do require a firmware update to record XAVS S onto SDHC memory cards).

Related products

PXW-FS5

Grab and Shoot with handheld Super 35

HXR-NX100

1.0-type Exmor R™ CMOS Sensor NXCAM camcorder with maximum 48x zoom lens and 3 independent manual lens rings recording XAVC S, AVCHD and DV

Gallery