

SONY

The SD Cards with ultra-high durability and file recovery support



SD CARD FOR PROFESSIONAL

4K XAVC S

SD Card for Professional

High Durability and Reliability

Sony's Pro SD Cards have the outstanding strength and reliability that professional camcorders demand. They are especially designed for shooting in the field, with outer shells providing approximately 10x¹ more physical strength and durability than consumer-grade models.

1. Compare to Sony's regular SD card at bending test.

Enhanced File Recovery

Sony's Pro SD Cards support both AVCHD and XAVC-S video formats. Sony's² enhanced file recovery software³ uses a special algorithm to ensure a high rate of recovery.⁴ Professional recovery service⁵ is also available via Sony's engineering team.

2. www.sony.net/Products/memorycard/en_us/datarescue/index.htm

3. Full data recovery is not guaranteed.

4. Based on Sony's internal testing.

5. File rescue for XAVC Long is currently under study.

		SD for Professional	Regular SD Card (SONY)
Waterproof		72 hours @ 1.2m (Higher than IPX7)	IPX7 (IEC) 1 m of room-temperature tap water for 30 minutes
Dustproof		IP6X (IEC)	IP5X (IEC)
Shock/Vibration		2500G	500G
Bend		100N	10N
Twist (Torque)		1N·m	0.15N·m
Drop		5m	1.5m

		SD for Professional	
Software (Free)	Video file recovery	AVCHD / XAVC-S	○
	Full folder structure recovery	AVCHD XAVC-S	○ ×
Sony Professional Engineering Laboratory	Video file recovery	AVCHD / XAVC-S	○
	Full folder structure recovery	AVCHD / XAVC-S	○

Specification Chart

Description		 SF-32P SDHC UHS1 Memory Card	 SF-64P SDXC UHS1 Memory Card	 SF-G1P SDXC UHS1 Memory Card
Memory size		32GB	64GB	128GB
User capacity		Approx. 28.8GB ¹	Approx. 57.6GB ¹	Approx. 115.2GB ¹
Speed	Speed class	Class 10 (SD Speed Class) Class 3 (UHS Speed Class)		
	Transfer speed	Read: Up to 95MB/s Write: Up to 90MB/s ²		
SD interface		UHS1		
Power requirements		2.7V – 3.6V		
Operating condition	Current	800mA		
	Temperature	-25 ~ +85°C (Non-condensing)		
Service support warranty period		5 years		

1. Approximately 57.6 GB (61,847,528,960 bytes) available.

2. 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.

SD for Pro x PXW-FS5 Recording time*

	Container	Format	Bit Rate	Mode	Resolution	Recording Frame Rate	Recording Time SF-32P (32GB)	Recording Time SF-64P (64GB)	Recording Time SF-128P (128GB)
4K		XAVC 4K long 4:2:0 (MPEG-4 AVC/H.264)	100Mbps	-	3840 x 2160	29.97p, 25p, 23.98p	-	Approx. 65min	Approx. 130min
			60Mbps	-		29.97p, 25p, 23.98p	-	Approx. 100min	Approx. 210min
HD	MXF	XAVC HD long 4:2:2 (MPEG-4 AVC/H.264)	50Mbps	-	1920 x 1080	59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p	-	Approx. 120min	Approx. 240min
			-	-	1280 x 720	59.94p, 50p	-	-	-
			35Mbps	-	1280 x 720	59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p	-	Approx. 170min	Approx. 340min
			25Mbps	-	1920 x 1080	59.94i, 50i	-	Approx. 220min	Approx. 445min
	AVCHD	AVCHD (MPEG-4 AVC/H.264 AVCHD 2.0 compatible)	28Mbps	PS	1920 x 1080	59.94p, 50p	Approx. 145min	Approx. 290min	Approx. 580min
			24Mbps	FX	1920 x 1080	59.94i, 50i, 29.97p, 25p, 23.98p	Approx. 170min	Approx. 340min	Approx. 680min
			-	-	1280 x 720	59.94p, 50p	-	-	-
			17Mbps	FH	1920 x 1080	59.94i, 50i, 29.97p, 25p, 23.98p	Approx. 225min	Approx. 450min	Approx. 900min
			-	-	1280 x 720	59.94p, 50p	-	-	-
			9Mbps	HQ	1280 x 720	59.94p, 50p	Approx. 290min	Approx. 590min	Approx. 1,180min

*The recording time may vary depending on the recording conditions, subjects, and recording setting.

Sony Electronics Inc.

1 Sony Drive

Park Ridge, NJ 07656

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