



## SxS-1™ Memory Cards SBS-32G1A/SBS-64G1A

Sony's new generation of media for XDCAM® solid state memory card camcorders.

**Ultra-fast 1.2Gbps Transfer Speed.** The SxS name has quickly become synonymous with high transfer speeds and reliability since its introduction only three years ago. The latest improvement to Sony's new SxS-1 memory card line-up directly impacts workflow efficiency with even higher transfer speeds, while maintaining its rightful position as the industry's principal choice of flash media for professional HD video acquisition. But with ever increasing transfer speeds comes the need for higher capacity recording media to support viable record times. Sony has you covered there too with the addition of the first 64GB card to this prestigious line-up.

Designed to work as a system with XDCAM solid state memory card camcorders, like the new PMW-F3 with a Super 35mm imager and the PMW-500 with HD422 50Mbps MXF record capabilities, the new SBS-32G1A and SBS-64G1A SxS-1 cards deliver a transfer speed\* that is about 50% faster than previous SxS models, significantly cutting the time to ingest content to an NLE system. That's an extremely fast 1.2Gbps transfer speed via the ExpressCard slot, without the need for special adapters. The higher speed is made possible through the utilization of the PCI Express interface and an advanced protocol designed in the card.

**New SxS-1 64GB capacity.** The addition of a 64GB model allows professionals to capture 200 minutes of recording in the HQ 35Mbps (FAT) mode or 120 minutes in the HD422 50Mbps MXF (UDF) mode, on a single card. The SxS-1 cards are fully compatible with the UDF file system required to support the MXF recording mode. Team up the 64GB model with the new PMW-500 camcorder and transfer a fully recorded card, 120 minutes of HD422 content, directly to a laptop in just eight minutes!\*



NOTE: SBS-32G1A and SBS-64G1A SxS-1 Memory Cards are compatible with XDCAM EX equipment that has been upgraded to the latest firmware,\*\* as well as the new PDW-HR1 field station with PDBK-MK1 SxS Memory Card adapter.

\* Read speed. Speed/Time varies, depending on measurement condition.

\*\* For download details, go to [sony.com/promedia](http://sony.com/promedia)

## SxS-1™ Memory Card SBS-32G1A/SBS-64G1A Features.

- ▶ **Higher Transfer Speed of 1.2 Gbps.\*** 1.5 times faster than previous models of SxS cards.
- ▶ **Longer Recording Time.** The addition of a 64GB card brings the record time to 200 minutes per card when shooting in the HQ (35Mbps) mode.
- ▶ **Rewriting Limit Notification.** The camera monitors the remaining life of the SxS-1 card on the XDCAM/XDCAM EX products\*\* LCD display.
- ▶ **Unique Salvage Function.** Like all SxS cards, a unique salvage function is designed into the system to help restore content damaged from power loss and other factors that might damage a clip.†
- ▶ **Proven Reliability and Durability.** Built for use in a wide range of operation and storage temperatures. Built for the professional!

New SxS-1 Recording Time					
File Systems	Mode Setting	New SxS-1		SxS PRO™	
		SBS-64G1A	SBS-32G1A	SBP-32	SBP-16
FAT	HQ (35Mbps)	200min	100min	100min	50min
	SP (25Mbps)	280min	140min	140min	70min
	DVCAM (25Mbps)	260min	130min	130min	65min
UDF	HD422 (50Mbps)	120min	60min	60min	30min
	HD420 HQ (35Mbps)	180min	90min	90min	45min
	IMX50 (50Mbps)	120min	60min	60min	30min
	DVCAM (25Mbps)	220min	110min	110min	55min

Recording time may vary depending on usage conditions.

*NOTE: A firmware upgrade may be necessary for use with certain XDCAM solid state memory card camcorders. Please check our website at [sony.com/promedia](http://sony.com/promedia) for details.*

## New SxS-1 Specifications

Interface	ExpressCard/34, PCI Express				
Transfer Speed	1.2Gbps (=150MB/s)*				
Operating Voltage	DC 3.3 V ±10% DC 1.5 V ±10%				
Power Consumption	TYP. Approx.1.2 W, MAX. Approx. 1.6 W				
Capacity/Usable Capacity	32GB	Approx. 29.5GB			
	64GB	Approx. 59.4GB			
Recording Time	32GB	Refer to chart above			
	64GB	Refer to chart above			
Operating Temperature	-13° F to 149° F (-25° C to 65° C)				
Operating Humidity	to 95 % (non-condensing)				
Storage Temperature	-40° F to 185° F (-40° C to 85° C)				
Storage Humidity	to 95 % (non-condensing)				
Weight	Approx. 0.95 oz				
Dimensions (W x D x H)	Approx. 1.34 x .02 x 2.95 in. (excluding the projecting parts)				
Reliability***	Shock Resistance	1,500G	Insertion/Removable Durability	30,000 times	
	Vibration Proof	15G	Shock Absorption	150cm	

For information on Sony's complete XDCAM and XDCAM EX camcorders product offerings, visit: [sony.com/xdcam](http://sony.com/xdcam)

For information on Sony's SxS-1 Memory Cards SBS-32G1A/SBS-64G1A and other recording media products, visit: [sony.com/promedia](http://sony.com/promedia)

\* Read speed measured with a benchmark software. Actual transfer speed varies based upon the measurement conditions.

\*\* PMW-EX1R, PMW-350, PMW-320, PMW-500, PMW-F3, PDBK-MK1.

\*\*\* Performance test by Sony internal Standard.

† In some cases, images recorded just before an accident may not be restored (several seconds). No guarantee is given on always achieving content restoration.

