



SxS PRO™ Memory Card

ExpressCard media for XDCAM EX™ camcorders and decks.

When Sony set out to develop our most advanced flash media, we based it on the ExpressCard™ standard. The ExpressCard standard is the replacement for the PC card and is supported by the same industry-wide consortium that standardized the PC card.

Enter the next generation of media: Sony's SxS PRO Memory Card. Because it uses a serial interface, it transfers at a faster bus speed, is more reliable and comes in a smaller size resulting in a significantly lower storage cost per minute of high definition video when compared to conventional PC parallel cards. And it's designed to work with our

incredibly capable XDCAM EX series of camcorders and decks, each of which features two SxS PRO Memory Card slots.

Faster. Smaller. Larger Capacity. And smoother workflow too.

Working together, XDCAM EX™ recording and SxS PRO media will change the way event, corporate, and industrial video is captured and posted. In addition to faster transfers, smaller size and longer record times than the PC card, the SxS PRO Memory Card increases workflow efficiency, with seamless transition from camcorder acquisition to PC or laptop for editing and archiving.

The SxS PRO Memory Card is about half the size of a PC card and fits in ExpressCard 34 and 54 slot sizes. The lineup now includes the SBP-32*, SBP-16 and SBP-8 which feature 32, 16 and 8GB storage capacity. ** Providing reliability, durability and expansion flexibility while offering improved performance, the SxS PRO Memory Card is rapidly becoming the flash media of choice – and the definitive media for high definition. High definition. It's in our DNA.



SxS PRO Memory Card Key Features.†

- Faster transfer speeds
- More storage capacity
- Less camera power usage
- Smaller size
- Durability
- Reliability
- Smoother workflow

† Compared to the current PC card format.

Approximate Recording Time with Sony XDCAM EX™ recorders

Recording Mode	Video Quality	Audio Quality	SBP-8 (8GB)	SBP-16 (16GB)	SBP-32 (32GB)
HQ Mode (35 Mbps, VBR)	1920 x 1080 @ 59.94i, 29.97P, 23.98P; 1280 x 720 @ 59.94P, 29.97P, 23.98P	LPCM 16 bits, 48 kHz, 2 ch.	25 min.	50 min.	100 min.
SP Mode (25 Mbps, CBR)	1440 x 1080 @ 59.94i, 23.98PsF with 2-3 pull-down	LPCM 16 bits, 48 kHz, 2 ch.	35 min.	70 min.	140 min.

SxS PRO Memory Card vs. PC Card

	SxS PRO card	PC Card
Storage Capacity	100 min/32GB @ 1080/60i	32 min/32GB @ 1080/60i
Transfer Speed	800Mbps***	640Mbps
Interface	Serial	Parallel

Specifications

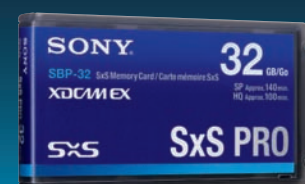
Interface	ExpressCard/34
Transfer speed	800Mbps*** (=100MB/s)
Input voltage	DC 3.3 V ±10% / DC 1.5 V ±10%
Power consumption	Typical approx. 1.2W, Max approx. 1.8W
Capacity	8GB (SBP-8), 16GB (SBP-16) and 32 GB (SBP-32)**
Actual user capacity	Approx. 7.2GB (SBP-8), 14.9GB (SBP-16) and 29.8 GB (SBP-32)
Operating temperature	-13° F to 149° F (-25° C to 65° C)
Operating relative 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 0.2 x 2.95 in. (excluding the projecting parts)
Durability/Reliability:	
Shock resistance	1,500G
Vibration resistance	15G
Insertion/removable durability	30,000 times
Shock absorption	150 cm

For information on Sony's complete XDCAM EX product offerings:

[click: sony.com/xdcamex](http://sony.com/xdcamex)

For information on Sony's SxS PRO Memory Card and other recording media products:

[click: sony.com/promedia](http://sony.com/promedia)



- * A firmware update may be required for use with PDW-EX1 camcorder.
- ** Actual user capacity for 8GB is 7.4GB, for 16GB is 14.9GB and for 32GB is 29.8GB.
- *** Read speed with benchmark software. Actual transfer speed varies upon measurement conditions.

SONY

Sony Electronics Inc.
1 Sony Drive
Park Ridge, NJ 07656

© 2008 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. Sony, HDNA and the HDNA logo, XDCAM EX and SxS PRO are trademarks of Sony. ExpressCard is a trademark of PCMCIA.

Printed in USA 9/08