

SONY

G Series  
Professional 2.5" SSD



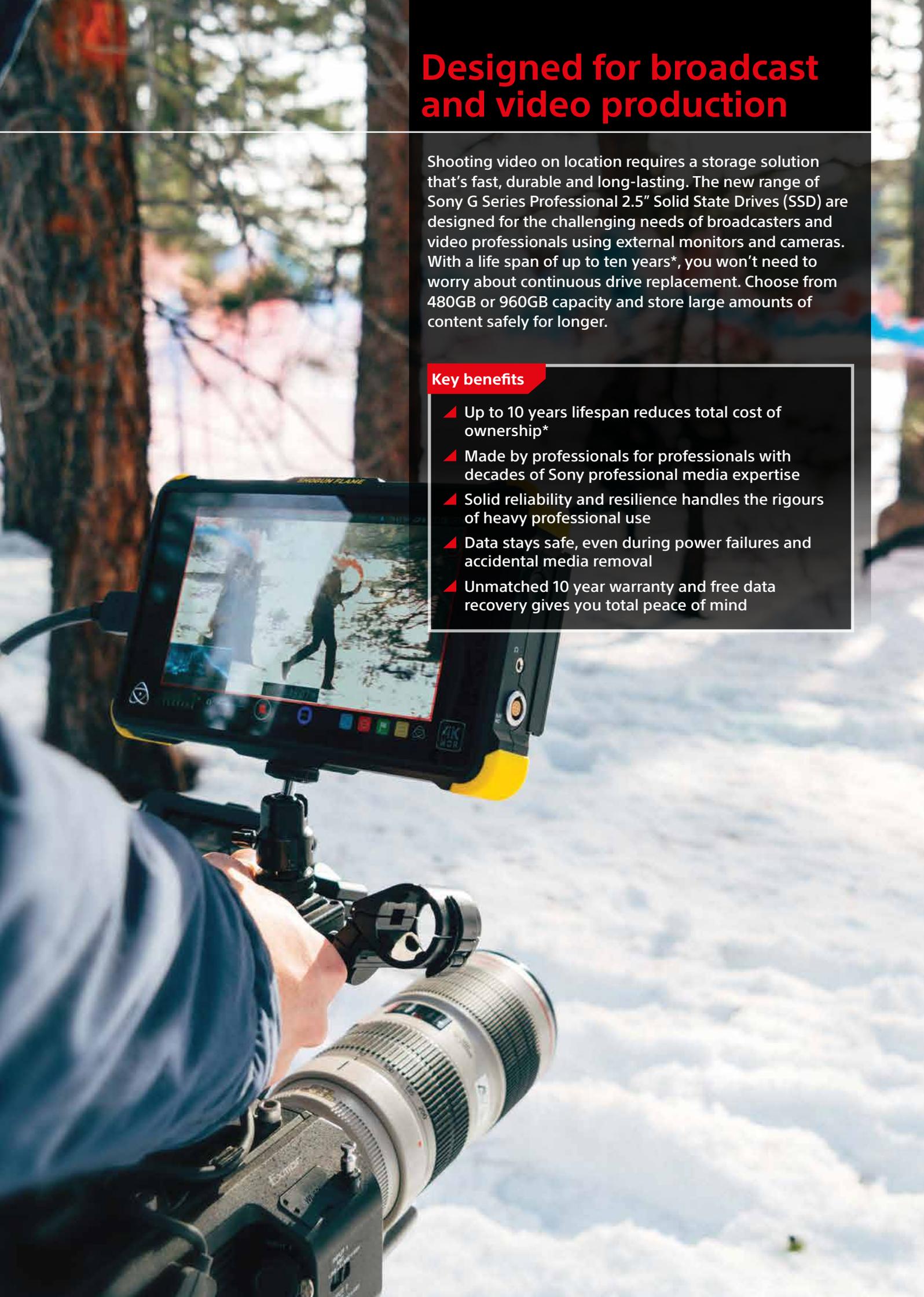
Designed to last.  
Guaranteed.

# Designed for broadcast and video production

Shooting video on location requires a storage solution that's fast, durable and long-lasting. The new range of Sony G Series Professional 2.5" Solid State Drives (SSD) are designed for the challenging needs of broadcasters and video professionals using external monitors and cameras. With a life span of up to ten years\*, you won't need to worry about continuous drive replacement. Choose from 480GB or 960GB capacity and store large amounts of content safely for longer.

## Key benefits

- ▲ Up to 10 years lifespan reduces total cost of ownership\*
- ▲ Made by professionals for professionals with decades of Sony professional media expertise
- ▲ Solid reliability and resilience handles the rigours of heavy professional use
- ▲ Data stays safe, even during power failures and accidental media removal
- ▲ Unmatched 10 year warranty and free data recovery gives you total peace of mind

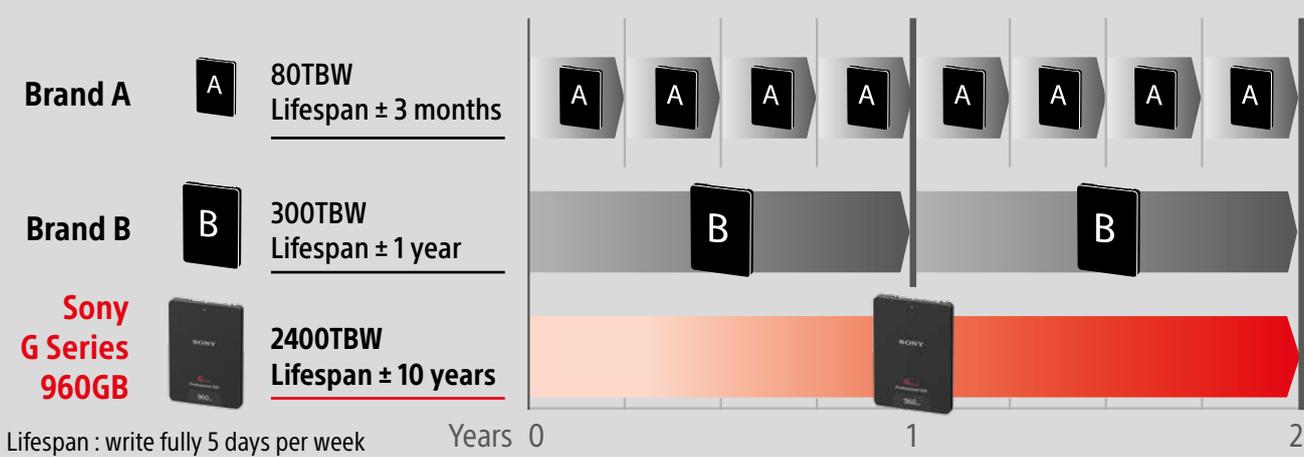


# More life, less cost

The longer your drive lasts, the lower your cost of ownership as you will not need to perform so many replacement or maintenance cycles. Our highly durable 960GB drive can handle 2400 Terabytes Written (TBW), which is equivalent to ten years of use.\*

TBW is the total amount of data that can be written to the NAND flash memory during its lifetime. The higher the TBW, the more write cycles can be performed before the drive develops memory bit errors and fails to read data correctly. Sony's improved High-Level Error Correction Code (ECC) provides enhanced error correction, drastically reducing bit errors to increase the drive's longevity.

## Number of SSD required for 2 years usage



\*Based on Sony's assumption, assuming writing fully 5 times per week with SV-GS96

# Made for professionals, by professionals

Only a brand with decades of experience manufacturing broadcast cameras and decks can understand the unique needs of video professionals. Like shooting outdoors in challenging environments where speed and reliability are essential for capturing and storing content or shooting in the highest quality 4K Ultra High Definition formats. Sony has that expertise and has partnered with popular hardware brands such as **Atomos and Black Magic Design** to ensure the new SSD drives work perfectly on location.



## Black Magic Production Camera 4K / Black Magic Cinema camera



Resolution	Codec	Frame Rate	Bit Rate	Approx. recording time	
				480GB	960GB
4200x2160	Cinema DNG RAW	30P	265MB/s	30min	60min
3840x2160	ProRes 422 HQ	30P	110MB/s	70min	140min
1920x1080	ProRes 422 HQ	30P	27.5MB/s	300min	600min
2400 x 1350	Cinema DNG RAW	30P	105MB/s	74min	140mn
	ProRes 422 HQ	30P	18.4MB/s	510min	1000min
1920x1080	DNxHD	30P	27.5MB/s	300min	600min

## Atomos Shogun Inferno



Resolution	Codec	Frame Rate	Bit Rate	Approx. recording time	
				480GB	960GB
4096 x 2160	ProRes 422 HQ	60P	235MB/s	30min	60min
	ProRes 422 HQ	30P	110MB/s	70min	140min
3840x2160	DNxHR HQ	60P	220MB/s	32min	62mn
	DNxHR HQ	30P	111MB/s	65min	130min

Above information prepared by Sony

# Highly durable, exceptionally reliable

Working in a variety of different locations, you need a durable solution that can be relied on. We've made sure you take full advantage of the long lifespan of our 2.5" SSD drives with strong, robust connectors. Insert and remove media over three thousand times\* without fear of failure – that's six times more than other SATA standard SSDs.

## Insertion/removal durability test



Recordings remain stable with Intelligent Garbage Collection. Unused memory fragments are reclaimed and stored frequently as available memory space so you no longer need suffer sudden drops in write speed.

\* Equivalent to writing fully 5 times a week for 10 years

## Data protected, footage safe

Removed your media accidentally during recording? Suffered a power failure? Sony's own data protection technology works in a way that protects already recorded data so your footage is kept safe and sound.

## How does a 10 year warranty sound?

We are so confident of our new 2.5" SSD drives, we've given them an industry-leading ten year limited warranty for maximum peace of mind. Now, even if the unexpected happens, you'll be covered by advanced technical support and expertise for the life of your drive. Should your data become corrupted, our unique data recovery service can help restore lost or damaged content\* using the latest facilities and techniques.

\* 100% recovery is not guaranteed



# Specifications

## G Series Professional SSD Module

Model Name	SV-GS48	SV-GS96
Form Factor	2.5 inch SSD module	
Capacities	480GB	960GB
NAND Flash	MLC	
Interface	SATA III	
Transfer speed	Read	550MB/s*
	Write	500MB/s*
Operating temperature	0°C to +60°C	
Storage temperature	-40°C to 85°C	
Lifetime (TBW)	1 200TB (480GB)**	2 400TB (960GB)**
OS supported	Windows 7, 8.1, 10, Mac Os v. 10.6, 10.10, 10.11, 10.12	
Size (WxLxH) (mm)	100 x 69,85 x 9,5	
Colour	Black	
Warranty	10 years***	



\*Based on Sony internal testing. Transfer speeds may vary dependent on testing conditions.

\*\*Sony's testing based on testing methods specified in JEDEC standard JESD218B (Solid State Drive [SSD] Requirements and Endurance Test Method).

\*\*\*The shorter of 10 years from the date of original purchase or until the product reaches its total lifetime write capacity

# SONY