

SONY

G Series  
Professional 2.5" SSD



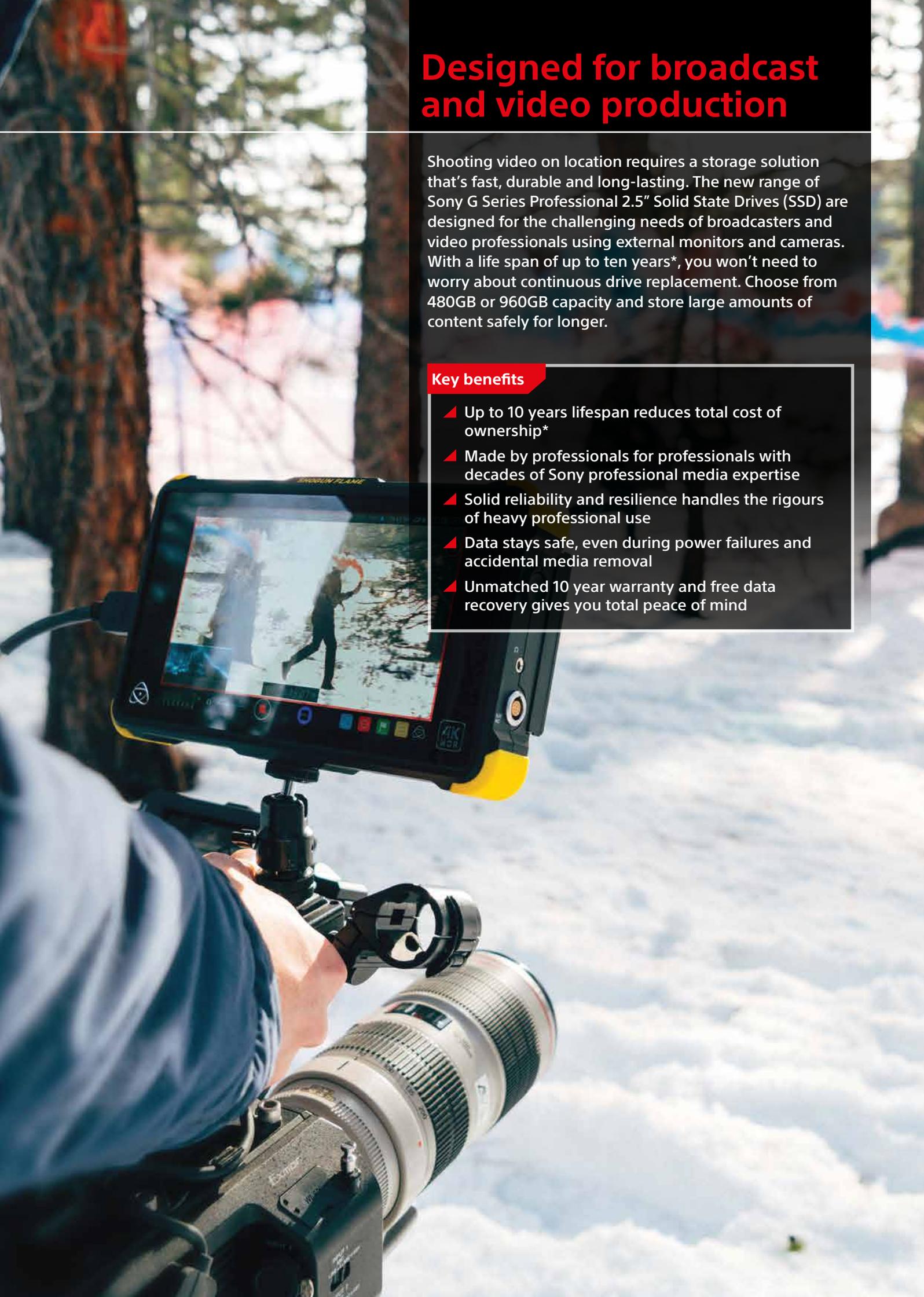
Designed to last.  
Guaranteed.

# 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

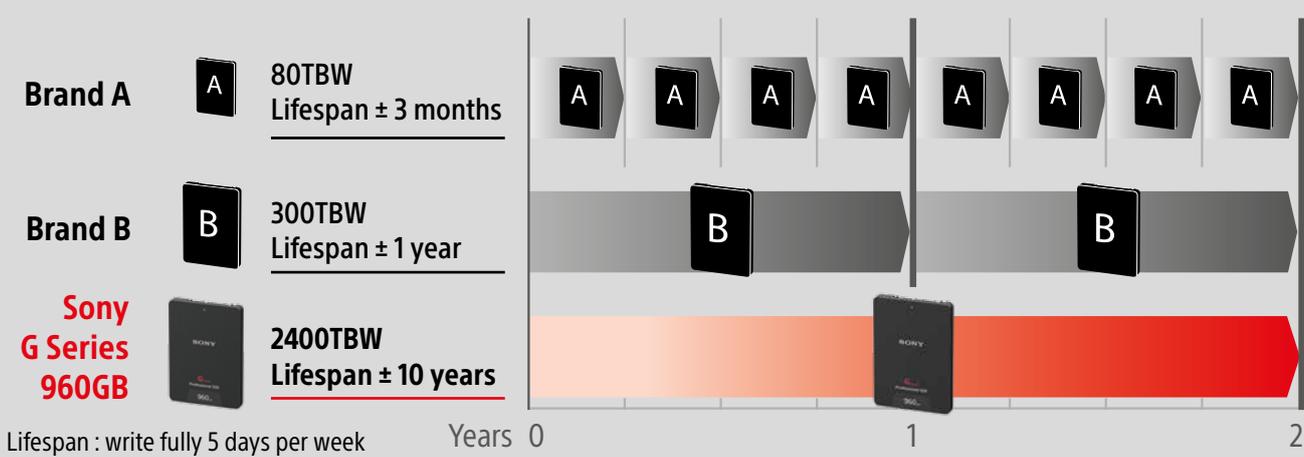


# More life, less cost

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

Blackmagicdesign



| 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

ATOMOS



| 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



SV-GS96

SV-GS48

# 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<br>(480GB)**                                       | 2 400TB<br>(960GB)** |
| OS supported          | Windows 7, 8.1, 10,<br>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

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