





Tested Durability

Rest assured. Confidently know that your critical video monitoring footage is saved for when you need it most. The PRO Endurance is specially built for maximum compatibility with the demanding specs of a wide variety of surveillance & security cams, dash cams, and body cams.

Extensive 4-Proof Support

	 <b>Waterproof</b>	 <b>Temperature-proof</b> (operating / non-operating <sup>1)</sup> )	 <b>Magnet-proof</b>	 <b>X-ray-proof</b>
<b>Surveillance</b>	IP*5 ~ IP*7	-20 °C ~ 50 °C / -10 °C ~ 60 °C	-	-
<b>Dash cams</b>	-	-10 °C ~ 60 °C	-	-
<b>Body cams</b>	IP*5 ~ IP*6	-25 °C ~ 65 °C / -20 °C ~ 80 °C	-	-

Supports the demands of always-on devices

<b>PRO Endurance</b>	IEC 60529, IPX7 (up to 72 hrs in seawater)	-25 °C ~ 85 °C / -40 °C ~ 85 °C	up to 15,000 gauss (MRI scanners)	up to 50 Roentgen (airport X-ray machines)
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1) The temperature range in which data is preserved when card is not in operation.  
\* Device durability specifications may vary and are not industry standards.

Specifications

<b>Form Factor</b>	microSDXC: 128GB, 64GB / microSDHC: 32GB
<b>Application</b>	Surveillance & security (IP/Home/Network) cams, dash cams, body cams, and other always-on applications
<b>Capacity <sup>1)</sup></b>	128GB / 64GB / 32GB
<b>Interface <sup>2)</sup></b>	UHS-I SDR104
<b>Dimensions (WxHxD)</b>	15 x 11 x 1mm
<b>Weight</b>	Approx. 0.5g
<b>Accessory</b>	SD adapter
<b>Lifespan (hours) <sup>3)</sup></b>	128GB: up to 43,800 hrs / 64GB: up to 26,280 hrs / 32GB: up to 17,520 hrs
<b>Speed <sup>4)</sup></b>	Read: up to 100 MB/s, Write: up to 30 MB/s
<b>Speed Class</b>	Class 10
<b>Humidity</b>	40°C, 93%, 500 hrs (storage)
<b>Durability</b>	10,000 insertion / removal cycles
<b>Certification</b>	FCC, CE, VCCI, NATA
<b>Warranty <sup>5)</sup></b>	128GB: 5-year limited / 64GB: 3-year limited / 32GB: 2-year limited

1) Actual usable storage capacity is measured with SD Formatter 3.1 tool with exFAT file system and may be less than labeled capacity. 2) SDR104: 1.8V signaling, frequency up to 208 MHz, speeds up to 104 MB/sec, max. power consumption 800mA (varies by test conditions). 3) Based on Full HD (1920x1080) video content recorded at 26 Mbps Video support. 4) Performance results are based on internal testing conditions. Read/write speeds may vary by host device. 5) Warranty for SD adapter is limited to 1 year. For specific details, please visit: [www.samsung.com/support](http://www.samsung.com/support)  
\* Samsung is not liable for any damages and/or loss of data or expenses incurred due to memory card data recovery.  
\* The Samsung product authentication for memory cards and USB flash drives is available at: [www.samsung.com/support](http://www.samsung.com/support)

For more information about Samsung PRO Endurance, please visit: [www.samsung.com/memorycard](http://www.samsung.com/memorycard)

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Constant Recording Confidence

Up to 43,800 hours of lasting performance for always-on video monitoring

The longest lasting memory card. Designed specifically for surveillance & security cams, dash cams, and body cams, the PRO Endurance boasts 25x longer continuous recording than speed-focused cards and offers 4K and FHD support with proven durability in harsh real-world conditions.



# The right card for video monitoring

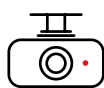
Video monitoring devices record continuously, quickly pushing many cards to the end of their limited lifespans. By selecting the right card, you can greatly improve endurance and durability at minimal cost. The PRO Endurance memory card provides the longest lasting performance and exceptional reliability, both critical for today's continuous recording devices.

## Designed for Always-on Video Recording Devices

The PRO Endurance is a worry-free solution specifically designed for heavy writing duty and video monitoring. Bulk/OEM cards sold at suspicious prices or typical cards<sup>1)</sup> focused on speed both have shorter lifespans for continuous recording, and may also stop recording unexpectedly, without warning.



Surveillance & Security  
(IP/Home/Network cam)



Dash cam



Body cam

1) TLC-based speed-focused cards with wide availability and low prices.

## Max Recording Times

From accidents that happen in a flash to break-ins lasting for hours, recording time is crucial. The more storage, the longer you can record every important detail. As the industry's only endurance card available in 128GB, it offers the most capacity for video recording and the longest lasting performance.

Capacity	4K <sup>1)</sup>	Full HD Video <sup>2)</sup>	HD Video <sup>3)</sup>
128GB	9h 24min	14h	18h 39min
64GB	4h 42min	7h	9h 19min
32GB	2h 20min	3h 30min	4h 39min

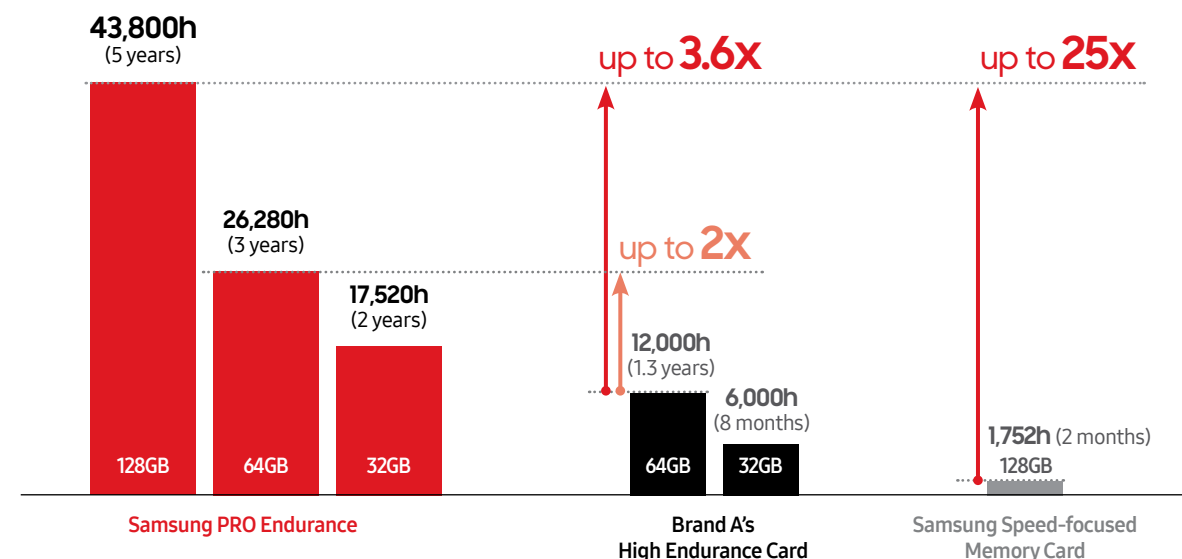
1) 4096x2048 (24 fps) Dual Lens, 4K UHD video support may vary depending upon host device. 2) 1920x1080 (30 fps) Single Lens. 3) 1280x720 (30 fps) Single Lens.

\* Test device : Gear 360 (2017) \* Above results reflect internal tests where average actual storage capacity is 93.1% of labeled capacity. Actual storage capacity may be less than labeled capacity.

## Super Extended Endurance

The PRO Endurance has a longer usage lifespan than other high endurance or speed-focused cards<sup>1)</sup> thanks to superior NAND technology. In devices that continuously write and overwrite data, it shows less wear and withstands significantly more cycles of repeated recording than other cards.

The industry's longest lasting card for continuous recording



1) Based on comparison of internal tests with Samsung TLC based cards.  
\*Hours abbreviated to "h".

## 4K & FHD Support

Supporting both 4K and FHD video, the PRO Endurance is the optimal card for today's 4K and high definition monitoring devices. Record and examine every moment close-up without missing any critical details.



\* Performance results are based on internal testing conditions. Read/write speeds may vary by host device.