

## Long Lasting and Reliable.

Samsung PRO Endurance is the long-lasting and reliable solution for dash cams, surveillance cams, and body cams. It delivers industry-leading sustained performance with smooth high-resolution recording and playback, and safeguards critical data for business owners and consumers.



- 32GB** MB-MJ32KA/AM | 887276591070
- 64GB** MB-MJ64KA/AM | 887276591087
- 128GB** MB-MJ128KA/AM | 887276591094
- 256GB** MB-MJ256KA/AM | 887276591100

### Key Features



#### Extreme endurance for monitoring devices

Capture your crucial moments in high-resolution, even in harsh conditions. Engineered to deliver long lasting performance, the Samsung PRO Endurance is a perfect fit for dash cams, CCTV and body cams. Get peace of mind with video recording you can rely on.



#### Built to last up to 140K hours of recording

With capacities up to 256GB<sup>1</sup>, the PRO Endurance records and rewrites up to 140K hours (over 16 years)<sup>2</sup>. Plus, with a warranty of up to 5 years<sup>3</sup>, you can rest assured that your data endures.



#### Record and play in FHD/4K

The PRO Endurance simplifies large file transfers with read/write speeds up to 100/40MB/s\*. Plus, FHD and 4K resolution support ensures that crucial moments are recorded in high resolution so every detail is documented when it matters most. \* Performance results are based on internal testing conditions. Read/write speeds may vary by host device interface, usage conditions and other factors.



#### Critical data. Safeguarded.

From severe weather to extensive wear and tear, the PRO Endurance stands up to real-world situations. After rigorous testing, PRO Endurance stands up against magnets<sup>1</sup>, X-rays<sup>2</sup>, water<sup>3</sup>, drop<sup>4</sup>, wearout<sup>5</sup>, and stays cool under pressure with operating temperatures ranging from -25°C to 85°C<sup>6</sup>.



#### World's No. 1 Flash Memory Brand

Performance and reliability you can count on from the world's number one brand for flash memory since 2003.\* All firmware and components are produced in-house, including our world-renowned DRAM and NAND, for quality you can trust. \*Source: 2003-2021 OMDIA data: NAND suppliers' revenue market share.

<sup>1</sup>Actual usable storage capacity is measured with SD Formatter 3.1 tool with exFAT file system and may be less than labeled capacity. <sup>2</sup>Varies by capacity: 256GB model up to 140,160 hours, 128GB model up to 70,080 hours, 64GB model up to 35,040 hours, 32GB model up to 17,520 hours. Based on Full HD(1920x1080) video content recorded at 26Mbps (3.25MB/s). Actual continuous recording time may vary depending on battery capacity of camera. <sup>3</sup>Limited warranty terms are: 5-year for 128/256GB models, 3-year for 64GB model, 2-year for 32GB model, 1-year for SD adapter. For details, please visit: [HYPERLINK "http://www.samsung.com/support"](http://www.samsung.com/support) [www.samsung.com/support](http://www.samsung.com/support). \*Performance results are based on internal testing conditions. Read/write speeds may vary by host device interface, usage conditions and other factors. <sup>1</sup>Resists magnetic fields of up to 15,000 Gauss (the equivalent of a high-field MRI scanner) <sup>2</sup>Protects from damage caused by airport X-ray machines <sup>3</sup>Survives up to 72 hours in 1-meter depth of seawater. <sup>4</sup>Withstands drops up to 5 meters (16.4 feet). <sup>5</sup>Passes a durability test of 10,000 swipes. <sup>6</sup>Non-operating from -40°C to 85°C. \*Samsung is not liable for any damages and/or loss of data or expenses incurred due to memory card data recovery.

# SAMSUNG

WORLD'S  
**No. 1**  
FLASH MEMORY  
SINCE 2003  
SAMSUNG



## Specifications

Samsung microSD Card PRO Endurance				
Hardware Information	Form Factor	microSDHC™		microSDXC™
	User Capacity	32GB	64GB	128GB 256GB
	Dimensions	15 x 11 x 1 (mm) (L x W x H)		
	Weights	Approx. 0.25g (Card only)		
Performance	Speed Class	Class 10, V10 <sup>3)</sup>		Class 10, V30 <sup>3)</sup>
	Speed Grade	Grade 1 (U1)		Grade 3 (U3)
	Transfer Speed <sup>4)</sup>	Read: Up to 100MB/s Write: Up to 30MB/s		Read: Up to 100MB/s Write: Up to 40MB/s
Reliability	Endurance <sup>5)</sup> (Hours)	17,520	35,040	70,080 140,160
	Temperature	Operating : -25°C to 85°C		
		Non-Operating : -40°C to 85°C		
	6-Proof Features <sup>6)</sup>	Water-proof, Temperature-proof, X-ray-proof, Magnetic-proof, Drop-proof, Wearout-proof <sup>7)</sup>		
EMC Certifications		CE (UKCA), FCC, VCCI, RCM		
Warranty <sup>7)</sup>		2 year Limited	3 year Limited	5 year Limited 5 year Limited

1) 1GB=1,000,000,000 bytes. Actual usable storage capacity may vary. User capacity measured with SD Formatter 3.1 tool with FAT file system.  
 2) SDR104: 1.8V Signaling, Frequency up to 208 MHz, up to 104MB/sec, Max. Current Consumption 800mA (varies by test conditions).  
 3) V10, V30 : Video Speed Class means sustained video capture rates of 10MB/s(V10) and 30MB/s(V30) which enable to support real-time video recording to UHS Bus IF products. Transfer speeds may vary by host device.  
 4) Performance results are based on internal testing conditions. Transfer speeds may vary by host device.  
 5) Based on Full HD (1920x1080) video content recorded at 26 Mbps(3.25MB/s) . Video support may vary based on host device, file attributes, usage conditions and other factors.  
 6) 1M depth, salt water, 72hrs. Operating temperatures of -25°C to 85°C (-13°F to 185°F), non-operating temperatures of -40°C to 85°C(-40°F to 185°F). Withstands standard airport x-ray machines (Up to 100mGy). Magnetic field equivalent of a high-field MRI scanner (Up to 15,000 gauss). Withstand drops up to 5meters (16.4feet). Up to 10,000 swipes. \*Samsung is not liable for any i) damages and/or loss of data or ii) expenses incurred from memory card data recovery.  
 7) For more detailed warranty information, please visit [www.samsung.com/support](http://www.samsung.com/support).

32GB 64GB 128GB 256GB

## PRO Endurance

