



Surveillance A2 High Endurance

MicroSDXC™ Card

Ultimate Endurance for Continuous Recording Needs

Engineered for 24/7 recording and frequent App access, this card features a 3K P/E cycle and A2-rated speed. It ensures instant remote live-view and smooth playback on your smartphone app—perfect for professional surveillance systems and dash cameras.

A2-rated Performance

Built for peak performance with A2-class 4000/2000 Read/Write IOPS. This A2-rated performance delivers the high IOPS required for advanced Edge AI and intelligent computing in smart surveillance cameras.

Specifications

Capacity	64GB	128GB	256GB	512GB
Endurance (TBW)	up to 187.5	up to 375	up to 750	up to 1500
Max Read / Write	100 MB/s / 80 MB/s			
Video Speed Class	V30 / U3 / A2 / Class 10			
Interface	SD 3.0 / UHS-I			
Operating Voltage	2.7V ~ 3.6V (DC 3.3V)			
MTBF (Reliability)	> 3,000,000 Hours			
Operating Temp.	-25°C to 85°C			
Humidity / Vibration	8%~95% / 15G, 10~2000Hz			
Shock / Drop	1500G@0.5ms / 150cm			
Physical Durability	10,000 Insertions / 0.15Nm Torque			
Protections	Waterproof, X-Ray, Magnet, Bending (10N)			
Warranty	2-Year Limited			

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