



Industrial-Grade SD Cards for Demanding Applications



Up to 1TB Capacity
3D TLC / pSLC Options



Engineered for Extreme Durability

Exascend SD cards feature IP67-rated dust and water resistance, along with X-ray safety certification for enhanced protection.



Advanced Data Integrity Protection

Equipped with LDPC ECC and firmware-level read disturb protection, Exascend SD cards ensure data remains intact and reliable, even in the presence of errors.



Tailored for Industrial Workloads

Designed for high-endurance tasks, Exascend SD cards support up to 1,000 hours of continuous recording*, making them ideal for 24/7 video surveillance and edge processing. With V30/U3/C10 speed class, they seamlessly handle high-resolution imagery and 4K video.

*Based on 1920x1080 resolution, 25fps, 1GB data per hour.



Locked BOM Solutions for Long-Term Reliability


Our locked BOM ensures consistent product performance and long-term availability, giving you the reliability your industrial applications demand.


Product Specifications

Series	SD110	SD300	
Interface	SD 6.0 SDXC UHS-I	SD 6.0 SDHC/SDXC UHS-I	
Flash Type	3D TLC	3D TLC	pSLC
Capacity	128GB ~ 1TB	32GB ~ 512GB	8GB / 16GB
Endurance (TBW)	up to 2400TB	up to 1210TB	up to 320TB
Speed Class	C10 / U3 / V30	C10 / U3 / V30	C10 / U3 / V30
Op. Temp	-25°C to +85°C	-40°C to +85°C	-40°C to +85°C
Warranty	3 years	3 years	3 years
Firmware PLP	v	v	v
LDPC ECC	v	v	v
Secure Erase	v	v	v
Firmware Read Disturb	v	v	v
SMART Health Monitoring	v	v	v
Ordering Information	EX128GSDV30-CDA EX256GSDV30-CDH EX512GSDV30-CDH EX001TSDV30-CDH	EX32GSDV30-IDE EX64GSDV30-IDE EX128GSDV30-IDE EX256GSDV30-IDE EX512GSDV30-IDE	EX8GSDV30-PIDE EX16GSDV30-PIDE

Contact Us



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