



Security microSD Card

Integral Security High Endurance microSD card is designed for CCTV systems, dash cams and home monitoring devices that record and overwrite footage 24/7. Supporting up to **193,000 hours of continuous recording**, it delivers reliable long-term performance with built-in **Sudden Power-Off Protection** to help minimise data corruption. With speeds up to 100MB/s read and 50MB/s write (UHS-I, V30, U3), it ensures smooth recording without dropped frames. Engineered to operate in temperatures from **-25°C to 85°C** and built to withstand frequent overwriting and shock, it's ideal for professional surveillance, vehicle dash cams and home security systems.

TECHNICAL SPECS:

UHS Interface:	UHS-I
UHS Speed Class:	U3
P/E:	1200
WAF:	1
Video Speed Class:	V30
Application Performance Class:	A2

ENVIRONMENTAL SPECS:

Operating Temp:	-25°C to 85°C
Storage Temp:	-40°C to 85°C
Certification:	UKCA, CE
Sustainability Certificates:	RoHS

Warranty: 3 Year

Up to 100MB/s **Read***
Up to 50MB/s **Write***

* Based on internal testing; performance may vary depending on host device.



PART NUMBER	STORAGE	HOW LONG BEFORE YOUR RECORDING IS OVERWRITTEN?			CONTINUOUS RECORDING LIFETIME		
		FULL HD 1080P	4K (30FPS)	4K (60FPS)	FULL HD 1080P	4K (30FPS)	4K (60FPS)
INMSDX1TB100V30-SEC	1TB	190.9 hours	110.1 hours	28.6 hours	265 months	153 months	40 months
INMSDX512G100V30-SEC	512GB	95.4 hours	55.1 hours	14.3 hours	133 months	76 months	20 months
INMSDX256G100V30-SEC	256GB	47.7 hours	27.5 hours	7.2 hours	66 months	38 months	10 months
INMSDX128G100V30-SEC	128GB	23.9 hours	13.8 hours	3.6 hours	33 months	19 months	5 months

PART NUMBER	BARCODE (EAN)	Capacity	Read	Write	TBW
INMSDX1TB100V30-SEC	5055288454200	1TB	100 MB/s	50 MB/s	1229
INMSDX512G100V30-SEC	5055288454194	512GB	100 MB/s	50 MB/s	614
INMSDX256G100V30-SEC	5055288454187	256GB	100 MB/s	50 MB/s	307
INMSDX128G100V30-SEC	5055288454170	128GB	100 MB/s	50 MB/s	154

	HEIGHT	WIDTH	DEPTH	WEIGHT
Product	11mm	15mm	1mm	2g
Packed	138mm	93mm	6.5mm	14g