

Industrial microSD Cards for Surveillance Edge Storage



Growing Edge Storage in Video Surveillance Applications Requires Industrial-Quality Memory

Edge storage technology — the recording of video and storing it in the camera instead of in a centralized recording facility across the network — is quickly gaining acceptance and is being more broadly adopted into IP video surveillance applications.

Selecting a microSD card specifically designed for IP video surveillance cameras can bring more value and enhance system performance by providing recording redundancy, optimizing network load reduction and lowering overall TCO.

Why Micron Industrial microSD Cards for Edge Storage Applications

1. High Endurance
Support for 3 years of high-quality, continuous 24/7 video recording.
2. Outstanding Recording Performance
Optimized firmware provides stable performance for 24x7 high-quality video recording with minimal frame drops.
3. Industrial Quality
Reliable, high quality with 2 million hours mean time to failure (MTTF) or an annualized failure rate of 0.44%; 2X the reliability of surveillance HDDs used in NVRs today.
4. Smart Tool for Health Monitoring
Health monitoring feature for IP camera integration reports card usage and lifetime remaining and can be integrated into system software to alert end users.

Micron Industrial microSD Cards

microSD Cards Parts Table

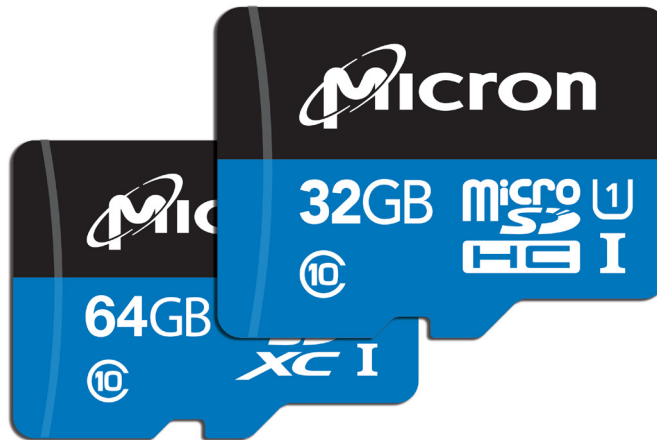
Family	Part	Density	Shipping Method	Performance	Endurance	Operating Temperature
Industrial microSD Card	LSDMI32GBJWW LSDMI32G-000-747 LSDMI64GBJWW LSDMI64G-000-747	32GB	JC* Tray	UHS-I, Class 10	24/7; 3 years**	-25°C to 85°C
		64GB	JC* Tray			
		128GB	JC* Tray	UHS-I, U3, Class 10		
		256GB	JC* Tray			

* JC = Individual card in "jewel case"

**Based on specific bit rate for each capacity (see data sheet for more details)

Contact Us

Visit micron.com for more details on microSD card solutions. Contact your Micron sales representative with questions or for samples and support.



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