

# 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

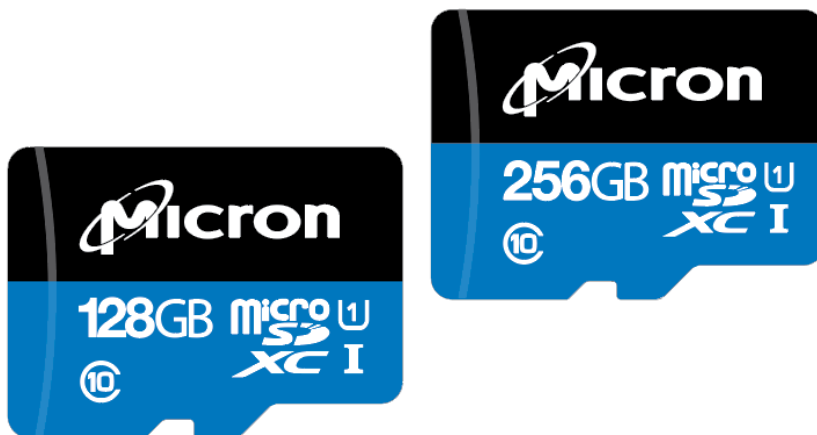
Family	Part	Density	Shipping Method	Performance	Endurance	Operating Temperature
Industrial microSD Card	LSDMI32GBJWW	32GB	JC*	UHS-I, U1, Class 10	24/7; 3 years**	-25°C to 85°C
	LSDMI32G-000-747	32GB	Tray			
	LSDMI64GBJWW	64GB	JC*			
	LSDMI64G-000-747	64GB	Tray			
	MTSD128AHC6MS-1WT	128GB	Tray	UHS-I, A1, U1, Class 10		
	MTSD256AHC6MS-1WT	256GB	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](https://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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