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.

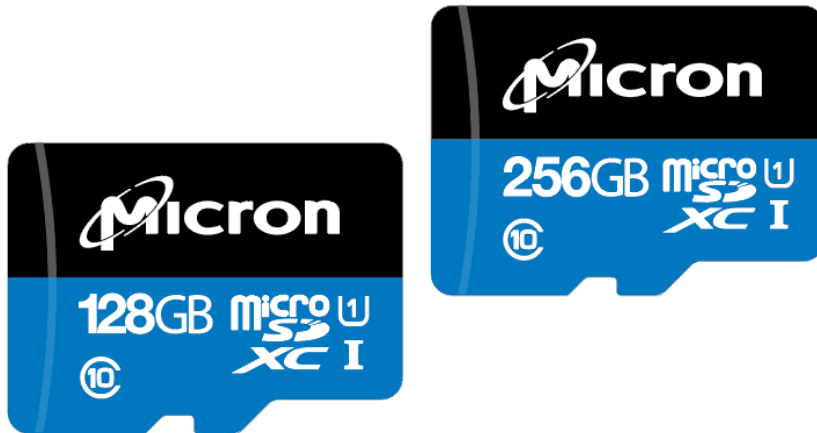Micron®

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**	-25ºC to 85ºC
	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 for more details on microSD card solutions. Contact your Micron sales representative with questions or for samples and support.

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