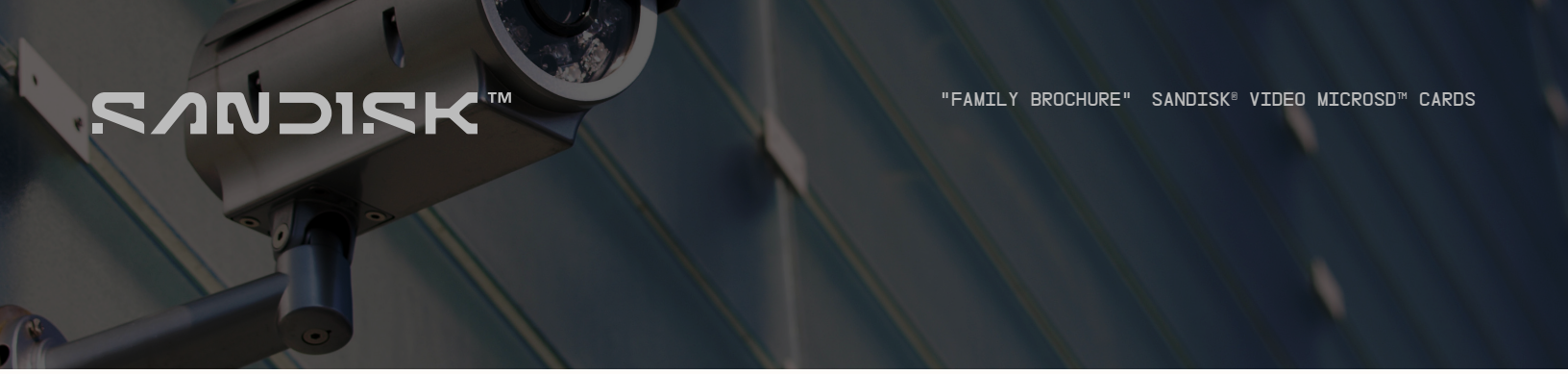

(→) SANDISK® Video VD QD111 & VD QD131 microSD™ Cards

SANDISK® Video microSD™ cards were created specifically to address the complex storage requirements of the growing remote video market. Leveraging over four generations' experience of developing world-class industrial and video storage products, SANDISK® Video microSD™ cards are designed to provide storage longevity, environmental robustness and the right level of performance needed in video cameras and edge devices. These cards have the performance, elevated endurance and wide capacity range to provide competitively priced in-camera storage. Targeted at security camera and dash camera OEMs and integrators, the elevated endurance of these cards designed for 24/7 continuous recording for long periods of time, helping reduce the frequency of storage maintenance and providing additional confidence and peace of mind. With advanced 112-layer QLC 3D NAND technology, SANDISK® Video VD QD131 microSD™ cards deliver capacities up to 1.5TB,[1] and in compatible cameras, card health monitoring capability allows you to get notified about the health status of your SANDISK® Video microSD™ card, so you can perform preemptive storage management. Trust the SANDISK® Video microSD™ cards to deliver the ideal microSD™ storage for video devices.

Product Highlights

- Optimized for video applications that operate up to 24/7
- Designed with ultra endurance for continuous operation
- Supports card health monitor functionality
- Auto Refresh to help ensure there are no data retention issues
- Weather-resistant, humidity resistant, and withstands temperatures from -25° to 85°C[4]
- 32GB up to 1.5TB capacities[1]

Solid Data Retention

Auto Read Refresh. Helps ensure that data on the SANDISK® Video microSD™ card is not lost because of data retention issues while powered on.

Robust Storage, Indoors or Outdoors

Supports -25°C to 85°C temperature range;[4] humidity resistant. Have peace of mind that this card is designed for continuous operation in a variety of extreme weather conditions and climates.

Continuous Capture, Hours or Days

Sandisk offers a wide range of capacities for different cameras, resolution, and recording implementations; use for both motion-triggered and continuous recording.

Features

It's SANDISK® Video

Designed for Video. SANDISK®, a market-leading brand gives you assurance that this card is designed with the right robustness, performance and features for video cameras and edge devices.

Put More Confidence In Your Cameras

Ultra Endurance. SANDISK® Video microSD™ cards are designed for continuous 24/7 recording systems, thus reducing the frequency of replacing worn out cards.

Smart Storage Maintenance

Card Health Monitoring. In compatible cameras, card health monitoring capability allows you to get notified about the health status of your SANDISK® Video microSD™ card, so you can perform preemptive storage management.

Product Information							
Product Family	QD111			QD131			
Capacities[1]	32GB	64GB	128GB	256GB	512GB	1TB	1.5TB
NAND Technology	BiCS4 96L TLC			BiCS5 112L QLC			
Interface	SDA 6.0						
Form Factor	microSDHC™	microSDXC™					
Product Features							
Card Health Status Monitoring Functionality	Yes						
Performance							
Speed Class	Speed Class 10 (C10) UHS Speed Class 1 (U1)			Speed Class 10 (C10) UHS Speed Class 1 (U1) Video Speed Class 10 (V10)			
Endurance up to (TBW)[2]	16	32	64	250	500	1,000	1,500
Reliability							
Limited Warranty[3]	3 years						
Environmental							
Operating Temperature[4]	-25°C to 85°C						
Non-Operating Temperature	-40°C to 85°C						
Ordering Information							
Capacity[1]	32GB	64GB	128GB	256GB	512GB	1TB	1.5TB
Part Number	SDSDQAS4-032G	SDSDQAS4-064G	SDSDQAS4-128G	SDSDQAS5-256G	SDSDQAS5-512G	SDSDQAS5-1T00	SDSDQAS5-1T50

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes. Actual user capacity may be less depending on operating environment.
2. Approximations based on Sandisk internal metrics that quantifies how much data can be written to a microSD in its lifespan expressed in Terabytes Written (TBW) with Write Amplification of 1 (1 TBW is Terabyte Written = 1 trillion bytes).
3. 3 years or Max Endurance (TBW) limit, whichever comes first. See sandisk.com/support for regional specific warranty details.
4. To achieve optimized power/performance, the maximum T-case temperature should not exceed 85°C.

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