SanDisk SDSQQVR-128G-GN6IA

SanDisk MAX Endurance microSDXC Card User Manual

Model: SDSQQVR-128G-GN6IA

1. Introduction

The SanDisk MAX Endurance microSDXC Card with Adapter is specifically engineered for continuous recording and re-recording in demanding applications such as home security cameras and dash cams. Designed for long-lasting performance, this card provides reliable storage and peace of mind for years to come. Its robust construction ensures durability in various environmental conditions.

2. Product Features

- **Exceptional Endurance:** Built to capture up to 60,000 hours (over 13 years) of Full HD footage for the 128GB model. The 256GB model can record up to 120,000 hours. This ensures consistent performance without degradation or errors over time.
- **High Capacity:** Available in capacities up to 256GB, allowing for extensive storage of Full HD or 4K video recordings.
- **High Speed Performance:** Features read speeds up to 100MB/s and write speeds up to 40MB/s, facilitating quick transfer of large video files. Rated Class 10, U3, and V30 for optimal video recording performance.
- **Extreme Durability:** Designed to withstand harsh conditions, the card is temperature-proof, waterproof, shockproof, and X-ray proof.
- **Broad Compatibility:** Compatible with microSDHC, microSDXC, microSDHC UHS-I, and microSDXC UHS-I supporting host devices. Includes an adapter for wider device compatibility.



Image: The SanDisk MAX Endurance 128GB microSDXC card, designed for continuous recording.



Image: The SanDisk MAX Endurance microSDXC card shown with its included SD adapter, enhancing compatibility with various devices.

3. Setup

To begin using your SanDisk MAX Endurance microSDXC card, follow these steps:

1. **Identify Slot:** Locate the microSD card slot on your home security camera, dash cam, or other compatible device. Refer to your device's manual for exact location and orientation.
2. **Insert Card:** Gently insert the SanDisk MAX Endurance microSDXC card into the slot with the gold contacts facing down or as indicated by your device. Push until it clicks into place.
3. **Using the Adapter:** If your device requires a standard SD card slot, insert the microSDXC card into the provided SD adapter first, then insert the adapter into your device.
4. **Initial Formatting:** For optimal performance and to ensure compatibility, it is highly recommended to format the microSDXC card using your device's internal formatting function before first use. This process erases all data on the card and prepares it for recording.



Image: The SanDisk MAX Endurance microSDXC card positioned next to its adapter, illustrating how they fit together for use in standard SD card slots.

4. Operating

Once installed and formatted, your SanDisk MAX Endurance microSDXC card is ready for operation. The card is designed for continuous recording environments.

- **Continuous Recording:** The card supports continuous loop recording, automatically overwriting the oldest footage when the card is full. This feature is essential for dash cams and security cameras.
- **Accessing Footage:** To access recorded video files, remove the microSDXC card from your device. Insert it into the SD adapter (if needed), and then insert the adapter into a computer's SD card reader. The files can then be viewed and transferred.
- **4K UHD and Full HD Recording:** Ensure your host device is compatible with Full HD (1920x1080) and/or 4K UHD (3840x2160) video recording to utilize the card's full capabilities. Video support may vary based on host device and usage conditions.

Your browser does not support the video tag.

Video: A product overview demonstrating the features and use of the SanDisk MAX Endurance microSDXC card. This video highlights its suitability for continuous recording applications like dash cams and home security systems, showcasing its durability and high-speed data transfer capabilities.

5. Maintenance

The SanDisk MAX Endurance microSDXC card is built for durability, requiring minimal maintenance. Adhering to these guidelines will help ensure its longevity:

- **Regular Formatting:** Periodically reformatting the card (e.g., once a month or as recommended by your device manufacturer) can help maintain optimal performance and prevent data corruption, especially in continuous recording scenarios.
- **Physical Care:** Avoid exposing the card to extreme physical impact or bending. While shockproof, excessive force can still cause damage.
- **Cleanliness:** Keep the gold contacts on the card clean and free from dust or debris. Use a soft, dry cloth if cleaning is necessary.
- **Environmental Protection:** The card is temperature-proof, waterproof, and X-ray proof, making it resilient in various environments. However, always ensure the card slot on your device is properly sealed if operating in wet or dusty conditions.

6. Troubleshooting

If you encounter issues with your SanDisk MAX Endurance microSDXC card, consider the following common solutions:

Problem	Possible Cause	Solution
Card not recognized by device.	Improper insertion, incompatible device, or card corruption.	Ensure the card is inserted correctly. Verify device compatibility. Try formatting the card on a computer (if possible) or another compatible device.
Recording errors or dropped frames.	Card speed not sufficient for recording quality, or card degradation.	Ensure your device is set to a recording quality that matches the card's speed class (U3, V30). Reformat the card. If issues persist, the card may be nearing its end of life.
Slow file transfer speeds.	Slow card reader, USB port, or computer performance.	Use a high-speed card reader and a USB 3.0 (or higher) port on your computer. Ensure your computer meets the minimum system requirements for large file transfers.
Card becomes hot during use.	Normal operation under heavy load, or potential card issue.	Some heat is normal during continuous high-performance use. If the card becomes excessively hot or causes device malfunction, discontinue use and contact support.

7. Specifications

Model Name: SanDisk MAX Endurance microSDXC Card

Model Number: SDSQQVR-128G-GN6IA

Capacity: 128GB (other capacities available in the product line)

Flash Memory Type: Micro SDXC

Read Speed: Up to 100 MB/s

Write Speed: Up to 40 MB/s

Speed Class: Class 10, UHS Speed Class 3 (U3), Video Speed Class 30 (V30)

Special Features: Drop Proof, Temperature Proof, Water Proof, X-Ray Proof

Product Dimensions: 0.59"L x 0.43"W (card only)

Item Weight: Approximately 0.32 ounces

Compatible Devices: Compatible with microSDHC, microSDXC, microSDHC UHS-I, and microSDXC UHS-I supporting host devices.

8. Warranty and Support

The SanDisk MAX Endurance microSDXC Card (128GB model) is backed by a**10-year limited manufacturer warranty**. For detailed warranty information, terms, and conditions, please visit the official SanDisk website. For technical support or further assistance, refer to the support section on the SanDisk website or contact their customer service.
Official SanDisk Website: www.sandisk.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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