SanDisk SDSQQVR-256G-AN6IA

SanDisk MAX Endurance 256GB UHS-I microSDXC Memory Card with SD Adapter User Manual

Model: SDSQQVR-256G-AN6IA

Introduction

The SanDisk MAX Endurance 256GB UHS-I microSDXC Memory Card with SD Adapter is engineered for continuous recording and high-endurance applications such as home security cameras, dash cams, and surveillance systems. This memory card is designed to withstand harsh conditions and provide reliable, long-lasting performance for capturing and storing critical footage.



Figure 1: Front view of the SanDisk MAX Endurance 256GB microSDXC card.

Setup

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

1. **Insert the microSD Card:** Locate the microSD card slot on your compatible device (e.g., security camera, dash cam, smartphone, tablet). Gently push the microSD card into the slot until it clicks into place. Ensure the gold contacts on the card face the correct direction as indicated by your device's manual.
2. **Using the SD Adapter:** If your device uses a standard SD card slot (e.g., some cameras, laptops), insert the microSD card into the provided SD adapter. The microSD card will fit snugly into the adapter. Then, insert the adapter into your device's SD card slot.
3. **Formatting (Optional but Recommended):** For optimal performance and to ensure compatibility, it is often recommended to format the memory card using your device's internal formatting function. Refer to your device's user manual for specific instructions on how to format a memory card. **Note:** Formatting will erase all data on the card.



Figure 2: The SanDisk MAX Endurance microSDXC card shown with its included SD adapter.

Operating Instructions

The SanDisk MAX Endurance microSDXC card is designed for reliable and continuous operation. Here's how to maximize its use:

- **Continuous Recording:** This card is optimized for continuous recording in devices like security cameras and dash cams. It can handle up to 120,000 hours (over 13 years) of Full HD video recording, ensuring you capture extensive footage without interruption.
- **High-Resolution Video:** With Video Speed Class V30 and UHS Speed Class 3 (U3) ratings, the card supports recording of Full HD and 4K UHD video without dropped frames, providing clear and detailed footage.
- **Data Transfer:** To transfer recorded data to a computer, remove the microSD card from your device (or the SD

adapter) and insert it into a compatible card reader connected to your computer. The card offers read speeds of up to 100MB/s and write speeds of up to 40MB/s, allowing for quick file transfers.

- **Data Management:** Regularly back up important footage to another storage device. While the card is designed for endurance, maintaining backups is always a good practice.

Maintenance

The SanDisk MAX Endurance microSDXC card is built for extreme durability. To ensure its longevity and optimal performance, consider the following:

- **Durability Features:** The card is temperature-proof, waterproof, shockproof, and X-ray-proof. This means it can withstand a wide range of environmental conditions, from extreme heat and cold to accidental water exposure and impacts.
- **Handling:** While robust, avoid bending the card or applying excessive force during insertion or removal. Keep the gold contacts clean and free from dust or debris.
- **Storage:** When not in use, store the card in its protective case or a secure environment to prevent physical damage or loss.

Troubleshooting

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

- **Card Not Recognized:**
  - Ensure the card is fully inserted into the device or adapter.
  - Try reinserting the card.
  - Test the card in another compatible device or card reader to rule out a device issue.
  - Ensure your device's firmware is up to date.
- **Slow Performance or Dropped Frames:**
  - Ensure the card is genuine SanDisk.
  - Verify your device supports the card's speed class (U3/V30) for high-resolution recording.
  - Format the card using your device's formatting function (back up data first).
  - Ensure the card is not nearly full, as this can sometimes affect performance.
- **Data Corruption:**
  - Avoid removing the card while data is being written or read.
  - Always safely eject the card from your computer before physical removal.
  - If data appears corrupted, try using data recovery software (though success is not guaranteed).

If problems persist, contact SanDisk customer support for further assistance.

Specifications

Feature	Detail
Model Name	SDSQQVR-256G-AN6IA

Feature	Detail
Flash Memory Type	Micro SDXC
Memory Storage Capacity	256 GB
Read Speed	Up to 100 MB/s
Write Speed	Up to 40 MB/s
Speed Class	Class 10, U3, V30
Hardware Interface	MicroSD
Special Features	Temperature Proof, Waterproof, Shockproof, X-ray Proof
Compatible Devices	Cameras, Dash Cams, Security Cameras, Smartphones, Tablets, Drones
Product Dimensions	6 x 4 x 0.25 inches (packaging)
Item Weight	0.8 ounces (packaging)

Warranty and Support

The SanDisk MAX Endurance microSDXC card comes with a **Limited Warranty**. For detailed information regarding warranty terms, conditions, and duration, please refer to the official SanDisk website or the warranty documentation included with your purchase.

For technical support, frequently asked questions, or to register your product, please visit the official SanDisk support page. You can often find helpful resources and contact information for customer service there.

SanDisk Official Store: Visit the SanDisk Store on Amazon

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

Submit question