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› [GIGASTONE 512GB 4K Camera Pro SD Card & 3-in-1 Card Reader User Manual](#)

Gigastone 512GB 4K Camera Pro

GIGASTONE 512GB 4K Camera Pro SD Card & 3-in-1 Card Reader User Manual

Model: 512GB 4K Camera Pro | Brand: Gigastone

1. INTRODUCTION

Thank you for choosing the GIGASTONE 512GB 4K Camera Pro SD Card and the included 3-in-1 Card Reader. This product is designed to provide high-speed, reliable storage for your digital devices, especially for capturing 4K UHD and Full HD videos and high-resolution photos. This manual will guide you through the features, setup, operation, and maintenance of your new memory card and card reader.

2. PRODUCT OVERVIEW

2.1 Key Features

- High-Speed Data Transfer:** Up to 100 MB/s read speed for quick file access and transfer.
- 4K UHD & Full HD Video Support:** Ideal for recording high-resolution video without dropped frames, thanks to V30 and U3 speed classes.
- A1 App Performance Class:** Optimized for faster app launch and performance on compatible devices.
- Durable Design:** Waterproof, temperature-proof, shock-proof, and X-ray proof for enhanced data security.
- Wide Compatibility:** Works with various digital cameras, DSLRs, mirrorless cameras, and other devices supporting SDXC cards.
- Included 3-in-1 Card Reader:** Features USB Type-A, USB Type-C, and Micro USB connectors for versatile connectivity.

2.2 What's Included

- GIGASTONE 512GB 4K Camera Pro SDXC Memory Card
- GIGASTONE 3-in-1 Card Reader (USB Type-A, USB Type-C, Micro USB)

3. SPECIFICATIONS

Feature	Specification
Capacity	512 GB
Card Type	SDXC

Feature	Specification
Speed Class	UHS-I, Class 10, V30, U3, A1
Read Speed	Up to 100 MB/s
Write Speed	Up to 100 MB/s (actual speed may vary)
Features	Waterproof, Temperature-proof, Shock-proof, X-ray proof
Card Reader Interface	USB Type-A, USB Type-C, Micro USB
Compatible Devices	Canon, Nikon, Sony, Panasonic Digital Cameras, and other SDXC compatible devices

4. SETUP

4.1 Inserting the SD Card

1. Locate the SD card slot on your digital camera or compatible device.
2. Ensure the SD card is oriented correctly, with the metal contacts facing the device's contacts.
3. Gently push the SD card into the slot until it clicks into place. Do not force the card.
4. To remove, gently push the card in again until it clicks, then release, and it will spring out slightly for you to pull it out.

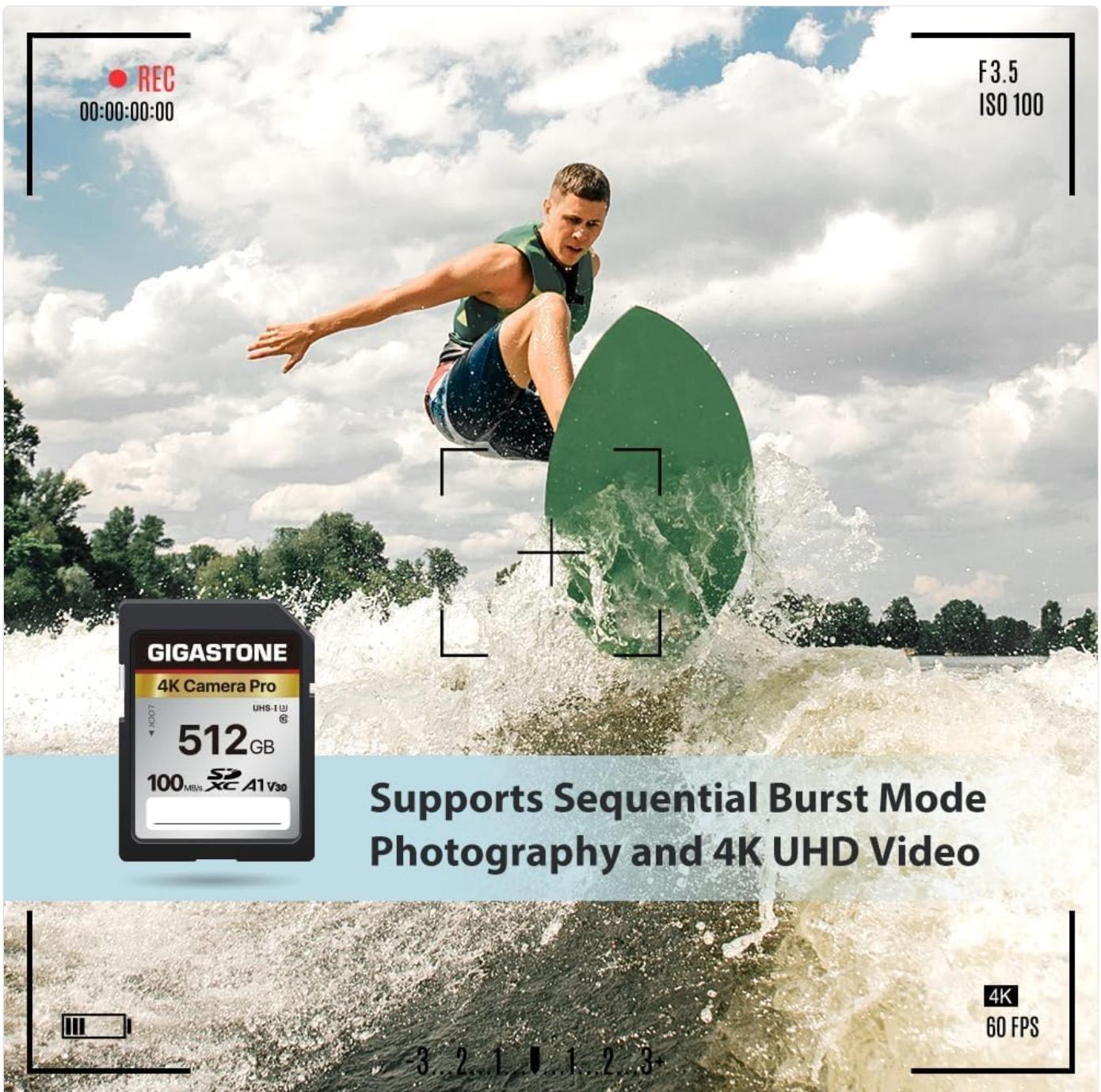


Image: A hand demonstrates inserting the Gigastone SD card into a DSLR camera's memory card slot. This illustrates the correct orientation and method for card insertion.

4.2 Using the 3-in-1 Card Reader

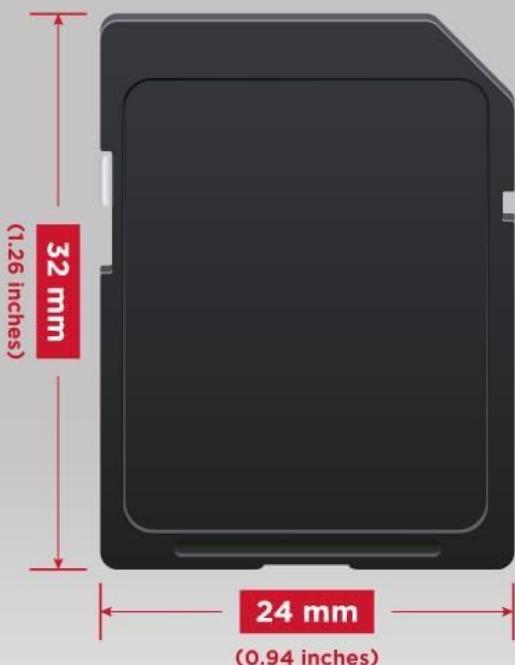
1. Insert the GIGASTONE SD card into the designated slot on the 3-in-1 card reader.
2. Connect the card reader to your computer, smartphone, or tablet using the appropriate connector (USB Type-A, USB Type-C, or Micro USB).
3. Your device should automatically detect the card reader and the SD card, allowing you to access files.

GIGASTONE

This product is Full-Sized SD card



Full-Sized
SD card



Micro SD



*Actual size of SD card and Micro SD card

Image: A visual representation of the Gigastone 3-in-1 card reader, highlighting its USB-A, Micro USB, and USB-C connectivity options. An SD card is shown being inserted into the reader, demonstrating its compatibility with various devices.

5. OPERATION

5.1 Recording and Storing Data

- Once the SD card is inserted into your camera or device, it will be ready for use.
- For optimal performance, especially with 4K video, ensure your device's settings are configured to utilize the high-speed capabilities of the card.
- The V30 speed class ensures a minimum sustained write speed of 30 MB/s, suitable for real-time 4K video recording.

HIGHEST QUALITY

Tier 1 Semiconductor Memory Technology



Image: The Gigastone 512GB 4K Camera Pro SD card is featured alongside an action shot of a surfer, illustrating its capability to support sequential burst mode photography and 4K UHD video recording for dynamic content capture.

5.2 Transferring Data

- Connect the 3-in-1 card reader with the SD card inserted to your computer or compatible device.
- Open the file explorer (Windows) or Finder (macOS) and locate the removable drive corresponding to your SD card.
- Drag and drop files to and from the SD card as needed. For large files, ensure your computer's USB port supports USB 3.0 or higher for maximum transfer speeds.

HIGH PERFORMANCE AND COMPATIBILITY

For HD photos and videos



Compatible with DSLR cameras and HD camcorders



Image: This graphic highlights the Gigastone 512GB 4K Camera Pro SD card's high-speed transmission capabilities, specifically noting a read speed of up to 100 MB/s, crucial for efficient data transfer.

5.3 Formatting the SD Card

It is recommended to format your SD card periodically, especially when using it with a new device or experiencing performance issues. Formatting erases all data on the card, so ensure you back up any important files first.

1. Insert the SD card into your camera or computer.
2. Access the formatting option through your device's menu or computer's disk management utility.
3. Select the SD card and choose the appropriate file system (e.g., exFAT for SDXC cards).
4. Confirm the format operation.

6. MAINTENANCE

- **Proper Handling:** Always handle the SD card by its edges. Avoid touching the metal contacts to prevent damage or data corruption.

- **Storage:** Store the SD card in its protective case or a secure environment when not in use to prevent physical damage, dust, and static electricity.
- **Ejection:** Always safely eject the SD card from your computer or device before physically removing it to prevent data loss or corruption.
- **Data Backup:** Regularly back up important data from your SD card to another storage device (e.g., computer hard drive, cloud storage) to prevent permanent data loss.
- **Cleaning:** If necessary, gently clean the metal contacts with a soft, lint-free cloth. Avoid using liquids or abrasive materials.

7. TROUBLESHOOTING

7.1 SD Card Not Recognized

- **Reinsert the Card:** Remove the SD card and reinsert it firmly into the slot.
- **Check Compatibility:** Ensure your device supports SDXC cards and the capacity (512GB).
- **Try Another Device/Reader:** Test the SD card with a different camera or the included card reader to determine if the issue is with the card or the device.
- **Check Card Reader Connection:** If using the card reader, ensure it is securely connected to your computer's USB port. Try a different USB port.
- **Clean Contacts:** Gently clean the metal contacts on the SD card with a soft, dry cloth.

7.2 Slow Transfer Speeds

- **USB Port Speed:** Ensure you are using a USB 3.0 or higher port on your computer for optimal transfer speeds with the card reader. Older USB 2.0 ports will limit speed.
- **File System:** Ensure the card is formatted correctly (e.g., exFAT for large capacities).
- **Device Performance:** The speed of your camera or computer can affect transfer rates.
- **Card Health:** While rare, a heavily used or nearly full card might experience slightly reduced performance.

7.3 Data Corruption or Loss

- **Safe Ejection:** Always safely eject the card before removal.
- **Power Loss:** Avoid removing the card or powering off the device during read/write operations.
- **Data Recovery:** GIGASTONE offers a free data recovery service as part of its 5-year warranty. Contact customer support for assistance.

8. WARRANTY AND SUPPORT

The GIGASTONE 512GB 4K Camera Pro SD Card comes with a **5-year limited warranty**, which includes a **free data recovery service**. This warranty covers manufacturing defects and provides support for data recovery in case of accidental data loss. For warranty claims, technical support, or to inquire about the data recovery service, please visit the official Gigastone website or contact their customer service directly. Keep your proof of purchase for warranty validation.