What is SDHC?

SD High Capacity (SDHC™) card is the new SD™ memory card based on the SDA 2.00 specification, introduced by the SD Card Association. This new SDA 2.00 specification enables SD cards to reach higher capacities - 4GB-32GB*.

Because SDHC cards are recognized by new SDHC host devices differently then standard SD cards, it is not backwards compatible with legacy SD format host devices. Standard SD cards are forward compatible with new SDHC host devices.
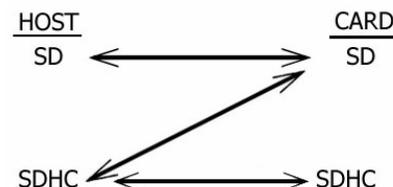
Legacy SD host devices and SD cards (up to 2GB) are FAT 16 file system compatible, while the new SD 2.00 file system specification defines a SD FAT 32 file system for the new SDHC host devices and cards.

Be aware of non-SDA 2.00 specification compliant SD 4GB cards on the market. If these non-compliant SD 4GB cards record data in a SDHC host, and are then used in a legacy SD host, issues and problems may occur. File system incompatibility, data corruption, and potentially you may actually loose the data/pictures. In addition, if these non-compliant SD 4GB cards are inserted into a legacy SD host device, the host device may not recognize/utilize the card as 4GB, [and it] instead may read as a 2GB card. If the SD 4GB card does not have SDHC on it, it is not SD 2.00 compliant.

More SDHC compatible devices are expected to be available in the second half of 2006. To ensure compatibility, look for the SDHC logo on cards and host devices (cameras, camcorders, etc.)

Compatibility with SDHC 4GB:
4GB SDHC cards can only work with SDHC compatible host devices. To ensure compatibility, look for the SDHC logo on the packaging. Please check with your device manufacturer for their current/future supported SDHC devices.

Helpful Tips when buying 4GB SDHC cards
1. Please check if your host device accepts SDHC cards
    a. SDHC logo may appear on packaging or manual
    b. Contact the host device manufacturer
    c. Check SanDisk's website for known SDHC compatible host devices
        http://www.sandisk.com/sdhc
2. Look for SDHC logo on card and packaging itself
    a. 4GB SD cards without SDHC logo are non-compliant with the SDA 2.00 specification.

Helpful FAQs

Q: What are the differences between a standard SD card and the new SDHC card?

A: While identical in shape, the new SDHC card is technically different than a standard SD card in how it is recognized by a host device. This difference allows manufacturers like SanDisk to produce higher capacity cards, from 4-gigabytes all the way up to 32-gigabytes. The SDHC card will have a new logo and is only compatible with host devices that are also SDHC compliant.

Q: How do I know if I own a compatible device?

A: Most compatible devices such as digital cameras and digital video camcorders will feature the approved SDHC logo either on their package, manual, or both. SanDisk will also feature a compatibility guide on www.sandisk.com/SDHC

Q: What will happen if I use an SDHC 4GB card in my standard SD camera?

A: Legacy cameras cannot recognize the SDHC memory card. SanDisk recommends using standard SD cards up to 2-gigabytes.

What is Class Speed Rating?

The SD Association has created and defined 3 speed classes to help you identify speed and performance capabilities/minimum requirements of SD/SDHC cards and the host products. The SD Speed Class Ratings specify a minimum sustained write speed for SDHC cards (Class 2: 2 MB/s; Class 4: 4 MB/s; Class 6: 6 MB/s*).

You can look for the Speed Class Logo to identify the performance class of your memory cards and host devices.

OPTION 1	OPTION 2
CLASS②	②
CLASS④	④
CLASS⑥	⑥

NOTE: SDHC, the SDHC logo and SD are trademarks.

*1 megabyte (MB) = 1 million bytes; 1 gigabyte (GB) = 1 billion bytes.