



SDHC™

Flash Memory Cards

As high-tech gadgets become increasingly advanced with ever-improving video and audio quality, memory card write speed plays an important role in taking high-resolution pictures and shooting high-definition videos. Featuring ultra fast transfer speeds of up to 20MB/s, Transcend's SDHC cards provide excellent performance tailored for high-speed consecutive shooting as well as smooth Full HD video recording.

To match up today's DSLR cameras that can fill memory cards quickly, Transcend's SDHC cards are offered in high-capacity sizes up to 32GB. Now you can store your entire digital masterpieces on your high-end digital cameras, HDTV digital video cameras, or any other memory-hungry devices, without worrying about running out of space.



Up to **32GB**
of Storage Space

SDHC™

Flash Memory Cards



Features

- Perfect for vast amounts of HD video and high-resolution images
- SDHC compliant
- Supports up to 20MB/s read and 16MB/s write speeds (Class 10)
- Compatible with SD 3.0 standard (Class 10) or SD 2.0 standard (Class 2 and Class 6)
- Built-in Error Correction (ECC) automatically detects and fixes transfer errors
- Complies with Secure Digital Music Initiative (SDMI) portable device requirements
- Supports Content Protection for Recordable Media (CPRM)
- Mechanical write-protection switch
- Lifetime warranty

Specifications

Dimensions (LxWxH)	32mm x 24mm x 2.1mm
Weight	2.0g
Operating Voltage	2.7V ~ 3.6V
Operating Temperature	-25°C (-13°F) to 85°C (185°F)
Physical Durability	10,000 insertions / removals

What is the SD Speed Class Rating?

The SD Association has defined four speed classes to help users identify the speed and performance of SDHC cards.

The speed class depends on a guaranteed minimum sustained performance under specific operating conditions.



CLASS 2
A speed of 2MB/s or higher is guaranteed

CLASS 4
A speed of 4MB/s or higher is guaranteed

CLASS 6
A speed of 6MB/s or higher is guaranteed

CLASS 10
A speed of 10MB/s or higher is guaranteed

HD Video Storage Chart

	1920x1080 @ 13Mbps	1920x1080 @ 9Mbps	1440x1080 @ 6Mbps
4GB	40 min.	1 hour	1 hr. 30 min.
8GB	1 hr. 20 min.	2 hours	3 hours
16GB	2 hr. 40 min.	4 hours	6 hours
32GB	5 hr. 20 min.	8 hours	12 hours

* Based on 30fps progressive H.264/MPEG-4 AVC video compression. Actual HD video recording time may vary depending on resolution, compression profile, frame rate, and interlace settings.
** 1GB = 10 billion Bytes. A small portion (1~3%) of each card's storage capacity is reserved for firmware and maintenance use.

Ordering Information

CLASS 10 Ultimate

TS4GSDHC10	4GB
TS8GSDHC10	8GB
TS16GSDHC10	16GB
TS32GSDHC10	32GB

CLASS 10 Premium

TS4GSDHC150	4GB	150x
TS8GSDHC150	8GB	150x

CLASS 6 Premium

TS4GSDHC6	4GB
* TS4GSDHC6-P2	4GB
TS8GSDHC6	8GB
* TS8GSDHC6-P2	8GB

TS16GSDHC6	16GB
* TS16GSDHC6-P2	16GB
TS32GSDHC6	32GB
* TS32GSDHC6-P2	32GB

* Includes SDHC USB Card Reader

CLASS 4 Standard

TS4GSDHC4	4GB
TS8GSDHC4	8GB
TS16GSDHC4	16GB
TS32GSDHC4	32GB

CLASS 2 Standard

TS4GSDHC2	4GB
* TS4GSDHC2-P2	4GB
TS8GSDHC2	8GB
* TS8GSDHC2-P2	8GB
TS16GSDHC2	16GB
* TS16GSDHC2-P2	16GB
TS32GSDHC2	32GB
* TS32GSDHC2-P2	32GB

* Includes SDHC USB Card Reader

Key Benefits



Compatible with SD 3.0 standard (Class 10)



Supports up to 20MB/s read speeds (Class 10)



Compatible with advanced new SDHC devices



Mechanical write-protection switch



Card reader included
(4GB~32GB SDHC6 & 4GB~32GB SDHC2 package)

