

## PRETEC 8 GB SDHC card The highest capacity SD card in the world

**Berlin / IFA, August 31<sup>st</sup>, 2006** — PRETEC, the world record keeper of highest capacity flash memory cards of CF card (12GB, March 2004), USB Flash Drive (8GB, January 2005), SD card (4GB, July 2005) and MMC (4GB, September 2005), has now released 8GB SD card, the highest capacity SD card in the world.

PRETEC 8GB SD card is fully compliant with SD 2.0 (SDHC) specification with access speed up to 20MB/sec. The maximum capacity of SD card is 2GB under SD 1.1 of Secure Digital Alliance (SDA) specification; however, by using file format of FAT32, many SD 1.1 host devices can use 4GB SD card which PRETEC pioneered since 2005.

SD 1.0/1.1 uses traditional “Byte Addressing” scheme which limits the maximum capacity to 4GB, while SD 2.0 adopts “Sector Addressing” scheme, which is the same with the technique applied by M $\mu$ -Card Alliance in 2004 to reach the maximum capacity of 2TB (2048GB). PRETEC is one of the major founders and main contribution member of M $\mu$ -Card Alliance, who joined force with MMCA in June 2005 ([www.mmca.org/press/Mu\\_Card\\_Final.pdf](http://www.mmca.org/press/Mu_Card_Final.pdf)).



With capacities of 2GB, 4GB, and 8GB, PRETEC's 8GB SDHC is now available for key customer sampling at unit price \$299. Mass production is scheduled by Q4/2006.

SDHC cards are recognized by new SDHC host devices differently than standard SD cards and are not backward compatible with legacy SD format host devices; in which, SDHC cards can only work with SDHC compatible host devices. Since PRETEC is the 1<sup>st</sup> in the world to offer 4GB standard SD cards, and now also offers 4GB SDHC cards, PRETEC will provide patent-pending SD-Tuner™ technology for customers to have an easy transition between the incompatibility of SD 1.1 and SD 2.0.

### About PRETEC:

PRETEC Electronics Corp. is one of the leading manufacturers of USB 2.0 sticks and Flash cards. As one of the pioneers in Flash media, PRETEC has been setting groundbreaking trends and new milestones in **storage capacity** (first manufacturer with 8 GB CompactFlash cards), **speed** (first manufacturer with 266x speed for USB memory sticks) and **size** (manufacturer of the i-Disk Tiny, the smallest USB memory stick in the world) since 1993 through innovative research and development (more than 100 patents have been applied for or already granted).

PRETEC is currently setting new standards with the **first 4 GB 133x SD and 266x MMCplus cards**



# News Release



**in the world.** Other products, such as accessories for their Flash solutions, complete PRETEC's product portfolio.

Since 2004, PRETEC has had a presence on the European market with its PRETEC Europe GmbH office. PRETEC is thus in the position to provide its European customers with the on-site service and support it is known for and its products are readily available thanks to its own warehouse. You can find detailed information about products and the company at:

[www.pretec-europe.com](http://www.pretec-europe.com).

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MMCPlus, SD Card, miniSD

e-Disk II Plus

i-Disk Tiny, i-Disk Wave

i-Disk Touch