



Kingston SecureDigitalCard

Products: SD/32, SD/64, SD/128



Kingston's SD (Secure Digital) memory cards are the latest generation memory devices that offer an incredible combination of high storage capacity, fast data transfer rates, great flexibility and excellent security in a memory card about the size of a postage stamp. Based on nonvolatile memory components and encased in a protective molding, they do not require power to retain the information stored on them. Since they are based on solid-state components, they have no moving parts to skip or break down, making them highly reliable.

How SD Works

The SD standard provides an easy method for quickly downloading and transferring secure digital files from your computer or the Internet. By using a SD Reader (such as Kingston's **FCR-U2MMC/SD** or **FCR-U26/I**) it is also possible to upload files from your SD card to your computer. As the latest introduction in the competitive Flash Memory form factor, SD is an increasingly popular format for leading manufacturers of digital devices like, MP3 players, digital cameras and PDAs. Because of its small foot print SD makes it easy for device manufacturers to integrate expansion capability into ever smaller devices.

Why is it Different from MMC?

SD is a second generation derivative of the MMC standard. The SD format includes several important technological advancements over MMC. These include the addition of cryptographic security protection for copyrighted data and a 4X increase in data transfer rates. To help support higher-density capacities, SD cards are slightly thicker than the original MMC cards. This means that most devices designed to support SD are also backward compatible to MMC cards, but devices designed only for MMC will not support SD. To be certain, it is best to refer to your user owner manual.

Product Highlights

Features

- Compliant with Secure Digital Music Initiative (SMDI) portable device requirements
- Postage stamp size (24mm x 32mm x 2.1mm) (.94" x 1.26" x .08")
- Write-protect switch prevents inadvertent overwriting of image or audio data
- Fast data transfer rate: 2MB/s average
- 5 Year Warranty
- Plug-and-Play
- Low Power Consumption

Applications

- Digital Audio Players (MP3)
- Digital Photography
- PDA's and Handhelds
- Cellular Phones and Smart Phones
- Global Positioning Systems (GPS)
- Data requiring a high level of security
 - Copyright protection (books, music)
 - Personal Identification Data (cell phone address book)
 - Intellectual Property Right Protection

Optional Accessories

- **FCR-U2MMC/SD** - SD/MMC Media Reader
- **FCR-U26/I** - 6 in 1 Media Reader

