



# Kingston Secure Digital Card

Products: SD/32, SD/64, SD/128, SD/256, SD/512



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-HS26/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-PCM2/4-I** - PCMCIA 4 in 1 Adapter
- **FCR-HS26/I** - 6 in 1 USB 2.0 Hi-Speed Reader



## **512MB SecureDigital (SD) Memory Card**

SD/512

ASUS: MyPal A716 Pocket PC;

Canon: EOS-1D Mark II Digital Camera, Optura Xi;

Casio: EXILIM EX-M20U, EXILIM EX-P600, EXILIM EX-S20, EXILIM EX-S20U, EXILIM EX-Z30, EXILIM EX-Z4, EXILIM EX-Z40, EXILIM EX-Z4U, QV-R41 Digital Camera, QV-R51 Digital Camera;

Contax: SL300R T Digital Camera;

Dell: Axim X3/X3i Series Handheld;

Epson: R-D1 Digital Camera; F

ujitsu-Siemens: Pocket LOOX 610;

HP/Compaq: iPAQ h2215, iPAQ h4150/h4155, iPAQ h4350, iPAQ h4355, iPAQ h5550/h5555, Photosmart 935/935xl, Photosmart 945, Photosmart R707;

JVC America: GC-A55 Digital Camera, GC-A70 Digital Camera;

Kodak: DCS SLR/c Digital Camera, DCS SLR/n Digital Camera, EasyShare CX7220, EasyShare CX7300, EasyShare CX7430, EasyShare CX7630, EasyShare DX7630, EasyShare LS743, EasyShare LS753;

Konica Minolta: DiMAGE G600 Digital Camera, DiMAGE Xg Digital Camera, DiMAGE Z2 Digital Camera;

Kyocera: Finecam L30, Finecam L3v, Finecam L4v, Finecam M400R, Finecam M410R, Finecam S3R, Finecam S5R, Finecam SL300R, Finecam SL400R;

Largan: Easy 200, Easy 332, L330 Digital Camera;

Leica: D-Lux Digital Camera, Digilux 2;

Logitech: Pocket Video 550, Pocket Video 750;

Minolta-QMS: DiMAGE E323, DiMAGE F100, DiMAGE Xt Biz, DiMAGE Z1;

Mustek: DV2000 Digital Camera, DV3500 Digital Camera, DV4000 Digital Camera;

NEC: MobilePro 250E;

Nikon: Coolpix 2200, Coolpix 3200, Coolpix 3700, Coolpix 4200, Coolpix 5200;

Packard Bell: PocketGear 3025;

Palm: Treo 600, Tungsten E, Tungsten T2, Zire 71;

Panasonic: DVD-LV65 PalmTheater (Portable DVD-Video Player), DVD-LX9 (Portable DVD-Video Player), ipalm PV-DC3010, Lumix DMC-F1K/DMC-F1S Digital Camera, Lumix DMC-FX1 Digital Camera, Lumix DMC-FX5 Digital Camera, Lumix DMC-FZ10K/DMC-FZ10S Digital Camera, Lumix DMC-FZ1K/DMC-FZ1S Digital Camera, Lumix DMC-FZ2 Digital Camera, Lumix DMC-LC1, Lumix DMC-LC33 Digital Camera, Lumix DMC-LC40K/DMC-LC40S, Lumix DMC-LC43 Digital Camera, Lumix DMC-LC50, Lumix DMC-LC70, PV-DV73 Camcorder, SV-AP10 Series, SV-AS10A/10D/10S D-snap Super-Slim Digital Camera, SV-AV100 D-snap SD Digital Video Recorder, SV-P10 SD Mobile Printer, SV-P20 SD Photo Printer, SV-PT1 5GB SD Media Storage Device, SV-SD50 e-wear SD

Audio/MP3 Player, SV-SD80 e-wear SD Audio/MP3 Player, SV-SD85 e-wear SD Audio/MP3 Player, SV-SR100 SD Audio Recorder, VDR-M30 Camcorder;

Pentax: Optio 30, Optio 33LF, Optio 33WR, Optio 43WR, Optio S, Optio S30, Optio S4, Optio S40, Optio S4i;

Polaroid: iON 130, iON 230, iON 330, PDC 1075, PDC 2150, PDC 2350, PDC 3050, PDC 3150, PDC 3180, PDC 3350, PDC 3370, PDC 4350;

Psion: netBook Pro Handheld PC, WORKABOUT PRO C Handheld PC, WORKABOUT PRO M Handheld PC;

Ricoh: Caplio RR30, Caplio RX;

Rollei: dp3210 Digital Camera;

Samsung: Digimax 202, Digimax 301, Digimax V3;

Sanyo: DMX-C1 Digital Camera, Xacti J4 Digital Camera;

Sharp: Zaurus MI-E1, Zaurus MI-E21, Zaurus MI-E25, Zaurus MI-L1, Zaurus SL-6000, Zaurus SL-A300;

Toshiba: PDR-4300 Camera, PDR-5300 Camera, PDR-M700 Camera, Pocket PC e400, Pocket PC e800/e800BT/e800 WiFi;

Vivitar: ViviCam 3755, ViviCam V3930.