

imation

Flash Solutions

CF • SD • MiniSD • MMC • RS-MMC • DV RS-MMC • Flash Drive



SAVE THE MOMENT.

Flash Solutions

As your photos, music files, or data increase, you'll need extra flash memory and devices to support your growing digital needs.

Not just any flash memory and devices, insist on Imation – the worldwide leader in data storage for more than 50 years. A US brand, we develop, manufacture and offer one of the broadest product lines in the industry.



Serving customers worldwide in both business and consumer markets, we offer quality products backed by warranty to ensure customer satisfaction.

Using Imation's range of flash solutions to bring out the ultimate performance of your digital devices – whether it's a digital camera, video recorder, MP3 player, PDA or a mobile phone. With Imation, you are assured of continued innovation, reliability and convenience to better manage, store and share your data.



Printer



Digital Camera



MP3 Player



Mobile Phone



Digital Camcorder



PDA



Computer



Card Reader



Secure Digital & MiniSD Card



Classic SD



Ultra High-Speed SD



Ultra High-Speed MiniSD With Adapter

Secure Digital: This tiny postage stamp sized memory card offers high storage capacity, fast data transfer rates and excellent security. It is specifically designed to meet the performance, capacity, ruggedness and small form factor requirements in digital devices.

MiniSD: The same benefits of a standard secure digital (SD) card, but in a much smaller form.

Longer Media Life ■ Data Integrity

- **Memory Usage Balancing Technology:** Read and write evenly on all parts of the card to minimize wear and tear
- **Memory Remapping Logic:** Minimize data loss without compromising storage capacity. The logic monitors the quality of the memory cells. If a memory cell is unreliable, it shifts the data from the defective to a spare cell
- **10,000 minimum insertion certified:** minimize read and connection error
- **1,000G Shock & 15G Vibration Certified:** Robust and durable

FEATURES (SD & MiniSD)

- Compliant with SD Card Association and MiniSD Memory Card specification standards through use of adapter
- User-selectable mechanical write protect switch on card casing
- Full range of capacity available
- Plug & play
- Solid-state reliability
- Low power consumption
- Passed compatibility tests in 170 digital devices
- Dustproof and dampproof
- Data preservation when power is turned off
- Data retention: Up to 10 years
- Size:
 - SD – 32+/-0.1mm (L) x 24+/-0.1mm (W) x 2.1+/-0.1mm (H)
 - MiniSD – 21.5+/-0.1mm (L) x 20+/-0.1mm (W) x 1.4+/-0.1mm (H)

SECURE DIGITAL MEMORY CARD	CLASSIC	ULTRA HIGH-SPEED
Performance	Good	High Performance 66x: 10MB/sec (Read), 8MB/sec (Write)
Extra	—	Extreme Operating Temperature Tolerance (-25°C to 85°C) 100,000 Rewrite Cycles
Warranty	Two-Year	Lifetime (limited)
Buy This For...	Best Value	Best Performance



MultiMediaCard



Ultra High-Speed MultiMediaCard

Based on an advanced interface that enables excellent data transfer performance, the Imation MultiMediaCard (MMC) is the quick and simple way to download and transfer files between digital devices, PC and the Internet.

This tiny sized memory card is specifically designed to meet the performance, capacity, ruggedness and small form factor requirements in digital devices. A solid-state device, Imation MMC cards have no moving parts to skip or breakdown. Perfect choice of storage medium for digital devices that require high mobility and high reliability.

Longer Media Life ■ Data Integrity

- **Memory Usage Balancing Technology:** Read and write evenly on all parts of the card to minimize wear and tear
- **Memory Remapping Logic:** Minimize data loss without compromising storage capacity. The logic monitors the quality of the memory cells. If a memory cell is unreliable, it shifts the data from the defective to a spare cell
- **10,000 minimum insertion certified:** minimize read and connection error
- **1,000G Shock & 15G Vibration Certified:** Robust and durable
- **Extreme Operating Temperature Tolerance:** -25°C to 85°C
- **100,000 Rewrite Cycles**

FEATURES

- Compliant with MultiMediaCard™ System Specifications
- SPI interface supported
- Full range of capacity available
- Plug & play
- Solid-state reliability
- Low power consumption
- Passed compatibility tests in 260 digital devices
- Dustproof and dampproof
- Data preservation when power is turned off
- Data retention: Up to 10 years
- Lifetime warranty (limited)
- Size: 32.4±0.1mm (L) x 24±0.1mm (W) x 1.4±0.1mm (H)

NUMBER OF IMAGES PER CARD CAPACITY

MEGA PIXELS	AVERAGE FILE SIZE	32MB	64MB	128MB	256MB	512MB	1GB
2M	Hi-Res JPG 640K	40	81	142	284	568	1137
3M	Hi-Res JPG 1.2M	26	53	106	213	426	853
4M	Hi-Res JPG 2.0M	16	32	64	128	256	512
5M	Hi-Res JPG 2.6M	13	25	51	102	204	409
6M	Hi-Res JPG 3.2M	10	20	40	80	160	320

The actual number of images per card will very much depend on the camera model.



Reduced-Size MultiMediaCard



Ultra High-Speed RS-MMC & DV RS-MMC With Adapter

RS-MMC: Like the MMC, Imation's Reduced-Size MultiMediaCards (RS-MMC) are compatible for use with mobile phones, PDAs, MP3, digital cameras and other devices. Compact, fast and rugged, the RS-MMC comes with convenient adapter for use with full-size MMC slot products.

DV RS-MMC: Supports the Dual Voltage Operation 1.8V, 3 / 3.3V, the RS-MMC comes with convenient adapter for use with full-size MMC slot products.

Longer Media Life ■ Data Integrity

- **Memory Usage Balancing Technology:** Read and write evenly on all parts of the card to minimize wear and tear
- **Memory Remapping Logic:** Minimize data loss without compromising storage capacity. The logic monitors the quality of the memory cells. If a memory cell is unreliable, it shifts the data from the defective to a spare cell
- **10,000 minimum insertion certified:** minimize read and connection error
- **1,000G Shock & 15G Vibration Certified:** Robust and durable
- **Extreme Operating Temperature Tolerance:** -25°C to 85°C
- **100,000 Rewrite Cycles**

FEATURES

- Compliant with MultiMediaCard™ System Specifications
- SPI interface supported
- Full range of capacity available
- Plug & play
- Solid-state reliability
- Low power consumption
- Passed compatibility tests in 260 digital devices
- Dustproof and dampproof
- Data preservation when power is turned off
- Data retention: Up to 10 years
- Lifetime warranty (limited)
- Size:
RS-MMC & DV RS-MMC –
18.±0.1mm (L) x
24±0.1mm (W) x
1.4±0.1mm (H)



Compact Flash



Classic Compact Flash



Ultra High-Speed Compact Flash

Imation CompactFlash cards are the perfect solution for everyday use, and additional storage on devices such as digital cameras, PDA's and MP3 players.

Longer Media Life ■ Data Integrity

- **Memory Usage Balancing Technology:** Read and write evenly on all parts of the card to minimize wear and tear
- **Memory Remapping Logic:** Minimize data loss without compromising storage capacity. The logic monitors the quality of the memory cells. If a memory cell is unreliable, it shifts the data from the defective to a spare cell
- **10,000 minimum insertion certified:** minimize read and connection error
- **1,000G Shock & 15G Vibration Certified:** Robust and durable
- **Operating Temperature Tolerance:** 0°C to 60°C

FEATURES

- Compliant with Compact Flash Association specification standards
- Compatible with PC Card standard and PC Card ATA
- Full range of capacity available
- Plug & play
- Solid-state reliability
- Low power consumption
- Passed compatibility tests in 260 digital devices
- Dustproof and dampproof
- Data preservation when power is turned off
- Data retention: Up to 10 years
- Size: 36.4+/-0.15mm (L) x 42.8+/-0.1mm (W) x 3.3+/-0.1mm (H)

COMPACT FLASH MEMORY CARD	CLASSIC	ULTRA HIGH-SPEED
Performance	Good	High Performance 80x: 12MB/sec (Read), 8MB/sec (Write)
Extra	—	100,000 Rewrite Cycles
Warranty	Two-Year	Lifetime (limited)
Buy This For...	Best Value	Best Performance

Flash Drives



4GB USB2.0 Flash Drive Swivel



64MB To 2GB USB2.0 Flash Drive Swivel



64MB To 1GB USB2.0 Flash Drive Mini

- USB2.0 Flash Drive – Small, Secured & Mobile
- Multiple capacities 64MB to 4GB
- Industry-leading miniature size
- Safe: Password protection, partition and locking functionality*
- Lightning fast USB2.0 drive speed
- 10-year data retention

* Applicable for Swivel version only

Featuring a proprietary swivel “never lose the cap” design, Imation Flash Drives are compact, powerful, secured and sophisticated-looking devices. Protecting, transferring and sharing your digital information has never been easier.

FEATURES	SWIVEL	MINI
Flash Technology	SLC Technology	MLC Technology
Power Usage	Lower	Higher
Reliability	Better	Good
Read/Write Cycles	100,000 passes	10,000 passes
Read/Write Speed	Faster	Slower
Read Speed	Up to 29MB/s [#]	Up to 13.6MB/s [#]
Write Speed	Up to 24MB/s [#]	Up to 3.2MB/s [#]
Size	Miniature	Miniature
USB2.0 Connector	Golden Alloy (Improve connectivity)	Silvery Alloy
Ten-Year Data Retention	✓	✓
Proprietary Swivel Design	✓	✓
Bootable USB Device	✓	✓
Write Protect Switch	✓	✗
Partition Element	✓	✗
Password Protect	✓	✗
Flash Management Software	✓	✗
Accessories	USB Cable, Neck Lanyard	Keychain
Warranty	2-year	2-year
Buy this for...	Best Performance	Best Value

[#] Dependent on capacity.



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