



Flash Cards for Photo Series

**“The most memorable moment, is not simply the brief instant where your heart is truly touched,
but a wonderful memory that stays with you forever.”**

Apacer believes: we are not just idealists that believe in cherishing and saving life's beautiful moments, we also practice it. Photo Series flash cards are designed for general consumer needs, appeal to a wide range of users and portray a more general digital lifestyle theme.



Specification

■ SD(Secure Digital™) Card



- Compliant with SD Spec Ver 1.1
- Compliant with SDMI digital audio devices
- Mechanical write protection switch
- Operating voltage: 3.3 V
- Capacities: 256 MB ~ 2 GB
- Dimensions: 24 x 32 x 2.1 mm

■ CF(CompactFlash®) Card



- Compliant with CF Spec Ver 2.0
- Operating voltage: 3.3 V / 5.0 V
- Capacities: 256 MB ~ 4 GB
- Dimensions: 42.8 x 36.4 x 3.3 mm

■ MMCplus™ Card



- Compliant with MMC Spec Ver 4.1
- Built-in ECC technology
- Operating voltage: 3.3 V
- Capacities: 256 MB ~ 2 GB
- Dimensions: 24 x 32 x 1.4 mm

■ Memory Stick PRO™



- Equipped with MagicGate copyright protection technology
- Operating voltage: 3.3 V
- Capacities: 256 MB ~ 1 GB
- Dimensions: 50 x 21.5 x 2.8 mm

Speed Chart

Flash Card	Average
SD(Secure Digital™) Card	60x
MMCplus™ Card	60x
CF(CompactFlash®) Card	60x

Storage Chart

Flash Card Capacity	256MB	512MB	1 GB	2 GB	4 GB
Photos (3 MP) *	243	486	973	1946	3892
Photos (4 MP) *	211	405	810	1621	3242
Photos (5 MP) *	162	324	648	1297	2594
Video (MPEG4) **	47 min	94 min	188 min	376 min	752 min

(MP=Megapixels, MB=Megabytes, GB=Gigabytes)

Notices:

1. For Flash cards with an X-speed rating, use 1x=150KB/sec. as the multiplier to calculate data transfer rate quickly. For example, 150X * 150KB/sec = 23 MB/sec read speed.
2. Some of the listed capacity is used for formatting or other functions, and is not available for data storage. Some devices may not support all options. Check your device's user manual for supported capacities.
3. *The number of images are based on a JPEG format image; this may vary depending on the camera model and settings.
4. **The minutes of video are based on MPEG4 format video; results may vary based on video compression rate.
5. Capacity loss problem: Some devices and card readers can't support higher capacity SD Memory cards. For example, a 2 GB or higher capacity SD Memory card sometimes only shows a memory capacity of 1 GB or less; or sometimes can't even be read by the device or card reader. Before purchasing any memory card, please consult your device manufacturer to confirm supported capacity.
6. The actual available memory on the device is less than what is listed on the package. This is due to small discrepancies in file formats and algorithms used by various operating systems. The capacity of Flash memory is shown in "Megabyte" (1MB=1000KB). In Windows environment or DOS mode, 1MB=1024 KB; therefore 1GB is approximately 953MB.
7. All trademarks, trade names and copyrights are properties of their respective owners.

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Apacer
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