

Brickcom

SD Storage Introduction

FAE Team

2011.8

Agenda



What is SD Storage ?



Why to use SD Storage ?



SD Card Dimension



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What is SD Storage ?

❖ Secure Digital (SD) is a non-volatile memory card format developed by Panasonic, SanDisk, and Toshiba for use in portable devices. Currently it is widely used in digital cameras, digital camcorders, handheld computers, PDAs, media players, mobile phones, GPS receivers, and video games. Standard SD card capacities range from 1 MB to 4 GB. The capacity range for high capacity SDHC cards overlap, beginning at 4 GB but reaching as high as 32 GB as of mid-2009.

- Refer as Wiki, http://en.wikipedia.org/wiki/Secure_Digital#SD_and_SDHC_compatibility_issues

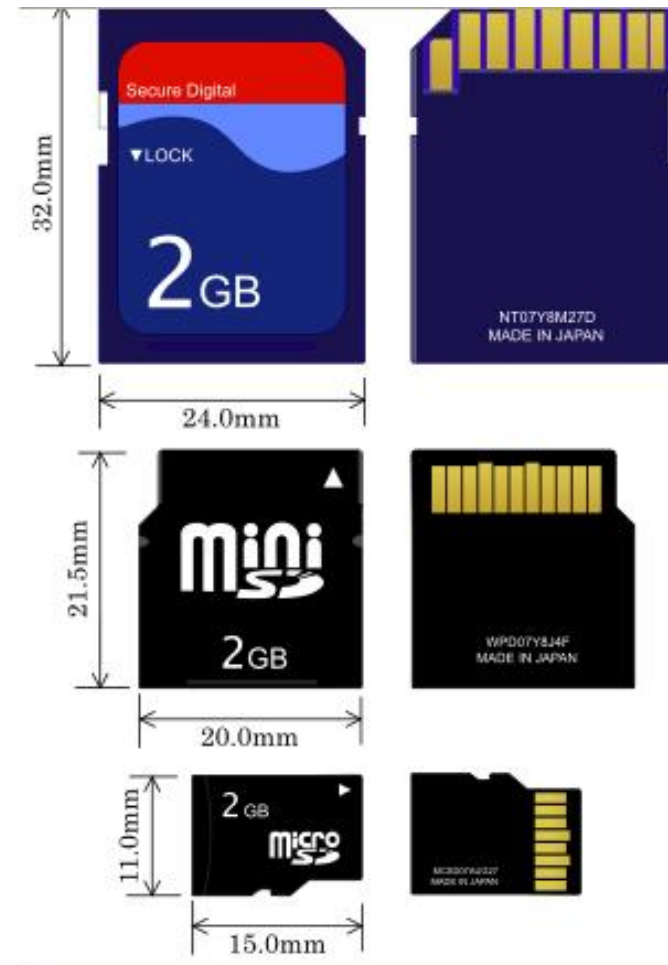


Why to use SD Storage ?

- ❖ Secure Digital cards are ubiquitous in consumer electronic devices, and have become the dominant means of storing several gigabytes of data in a small size. Devices such as netbooks, digital cameras, camcorders, PDAs, mobile phones, video game consoles and digital audio players as well as many others use them.
- ❖ Smaller devices tend to use MicroSD, or MiniSD rather than full sized SD cards. SD cards are not generally used in mass produced devices where only a small amount of storage is needed due to economic reasons, or where a very large amount of storage is required.
- Refer as Wiki,
http://en.wikipedia.org/wiki/Secure_Digital#SD_and_SDHC_compatibility_issues

SD Card Dimension

- SD Card
- Mini SD Card
- Micro SD Card



- Refer as Wiki,
http://en.wikipedia.org/wiki/Secure_Digital#SD_and_SDHC_compatibility_issues.

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- Synchronize Date and Time first.

Brickcom FB-100A Camera Configuration Utility Live View | Configuration | Help

Date and Time

Date and Time

<input type="radio"/> Manual	Year	<input type="text" value="2010"/>	Month	<input type="text" value="1"/>	Day	<input type="text" value="8"/>	Hour	<input type="text" value="19"/>	Minute	<input type="text" value="29"/>	Second	<input type="text" value="11"/>
<input checked="" type="radio"/> Clone from PC	Year	<input type="text" value="2010"/>	Month	<input type="text" value="1"/>	Day	<input type="text" value="8"/>	Hour	<input type="text" value="19"/>	Minute	<input type="text" value="29"/>	Second	<input type="text" value="11"/>
	<input checked="" type="checkbox"/> Clone											

<input type="radio"/> NTP	TimeZone	<input type="text" value="(GMT+8)HONG KONG"/>
	NTP Server 1	<input type="text" value="tick.stdtime.gov.tw"/>
	NTP Server 2	<input type="text" value="clock.stdtime.gov.tw"/>
	Daylight Saving	<input type="checkbox"/> Enabled

Clone from your Desktop or Synchronize NTP server.

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■ Scheduled Event

Brickcom FB-100A Camera Configuration Utility Live View | Configuration | Help

▼ **Camera/Video/Audio**

- > Camera
- > Video
- > Audio
- > Multicast

▼ **Network**

- > IP Settings
- > UPnP
- > DDNS
- > HTTP/HTTPS

▼ **Event**

- > Motion Detection
- > Notification Settings
- > **Scheduled Event**
- > DI/DO

▼ **System**

- > System Log
- > Date and Time
- > Device Information
- > Storage Management

▼ **Maintenance**

- > User Management
- > IP Filter

Scheduled Event

Event

Schedule							
Enabled	Name	Event	Start	End	Date	Edit	Delete
<input checked="" type="checkbox"/>	test1	Record	18:09	18:10	Sun Mon Tue Wed Thu Fri Sat	Edit	Delete

Name:

Event:

Times: Start : ~End :

Date: Sun Mon Tue Wed Thu Fri Sat **Update** **Cancel**

Add a scheduled event what you desired.

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■ Then Check Storage Management.

Local Storage Information

Total capacity	7.45GB
Used size	780MB
Available size	6.69GB
Safely Remove Card	Remove

Storage Management

Filename	Size	Time	Delete	Download
200911261159Sun_test.mp4	13,550KB	2009/11/26 Thu 12:2:2	Delete	Download
200911270020Sun_test.mp4	13,638KB	2009/11/27 Fri 0:21:50	Delete	Download
200911270930Fri_ttt.mp4	36,523KB	2009/12/11 Fri 9:35:2	Delete	Download
200912110942Fri_ttt.mp4	151,867KB	2009/12/11 Fri 9:47:0	Delete	Download
200912111005Fri_ttt.mp4	21,463KB	2009/12/11 Fri 10:10:0	Delete	Download
200912111015Fri_ttt.mp4	54,967KB	2009/12/11 Fri 10:20:2	Delete	Download
200912111025Fri_ttt.mp4	54,791KB	2009/12/11 Fri 10:30:0	Delete	Download
200912111035Fri_ttt.mp4	115,250KB	2009/12/11 Fri 10:40:0	Delete	Download
200912111110Fri_ttt.mp4	22,483KB	2009/12/11 Fri 11:15:2	Delete	Download
200912111148Fri_ttt.mp4	37,137KB	2009/12/11 Fri 11:53:2	Delete	Download
200912111154Fri_rrrrrrr.mp4	55,930KB	2009/12/11 Fri 11:59:0	Delete	Download
200912111205Fri_789.mp4	55,147KB	2009/12/11 Fri 12:10:2	Delete	Download
200912111211Fri_567890987.mp4	12,249KB	2009/12/11 Fri 12:16:0	Delete	Download
200912111217Sun_ytghjuhy8uhbjuhj.mp4	55,575KB	2009/12/11 Fri 12:22:2	Delete	Download
200912111223Fri_987yguhghjihy7u.mp4	36,988KB	2009/12/11 Fri 12:28:0	Delete	Download
201001081809Sun_test1.mp4	8,813KB	2010/1/8 Fri 18:10:2	Delete	Download

Reload

Browse video clip by clicking “Reload” button to check the latest file.

Brickcom Application

- WCB-100 with PoE Injector and PoE Splitter.

The screenshot displays the Brickcom application interface. On the left is a navigation menu with categories: Network, Event, System, and Maintenance. The main area shows storage management information and a table of files.

Storage Management Summary:

Total capacity	7.45GB
Used size	780MB
Available size	6.69GB
Safely Remove Card	Remove

Storage Management Table:

Filename	Size	Time	Delete	Download
200911261159Sun_test.mp4	13,550KB	2009/11/26 Thu 12:2:2	Delete	Download
200911270020Sun_test.mp4	13,638KB	2009/11/27 Fri 0:21:50	Delete	Download
2009112709352		1 Fri 9:35:2	Delete	Download
2009112709470		1 Fri 9:47:0	Delete	Download
2009112710100		1 Fri 10:10:0	Delete	Download
2009112710202		1 Fri 10:20:2	Delete	Download
2009112710300		1 Fri 10:30:0	Delete	Download
2009112710400		1 Fri 10:40:0	Delete	Download
2009112711152		1 Fri 11:15:2	Delete	Download
2009112711532		1 Fri 11:53:2	Delete	Download
2009112711590		1 Fri 11:59:0	Delete	Download
200912111205Fri_789.mp4	55,147KB	2009/12/11 Fri 12:10:2	Delete	Download
200912111211Fri_567890987.mp4	12,249KB	2009/12/11 Fri 12:16:0	Delete	Download
200912111217Sun_tghjuhy8uhbjhy.mp4	55,575KB	2009/12/11 Fri 12:22:2	Delete	Download
200912111223Fri_987yguvhgijhy7u.mp4	36,988KB	2009/12/11 Fri 12:28:0	Delete	Download
201001081809Sun_test1.mp4	8,813KB	2010/1/8 Fri 18:10:2	Delete	Download

A "File Download" dialog box is open, asking "Do you want to open or save this file?". It shows file details: Name: 201001081809Sun_test1.mp4, Type: VLC media file (.mp4), From: 10.5.41.59. Buttons for "Open", "Save", and "Cancel" are visible.

At the bottom of the interface, there is a "Reload" button and a copyright notice: "2009 Brickcom Corporation, All Right Reserved."

Click "Download" button to play video clip.

Contact Us

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Brickcom, your best partner.

Thank You

