USER'S MANUAL

USB 2.0 Card Reader

USB2.0.15, 10, 2003

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Introduction :

The Name Card 8 in 1 Card Reader/Writer can support the SD/MMC/ MS/MS-PRO/CF I/II /MD/SM Memory Card. The Universal Serial Bus (USB) interfaced peripherals to your computer. The USB complies with USB Specification Rev.2.0.

Features :

	♦ S	Support USB 2.0.
	♦ U	ISB and ACPI compliant.
030	♦ 5	Support USB High-Speed at 480Mb/Sec. or Full-Speed at 12Mb/sec.
	♦ T	ruly Plug & Play automatic system configuration.
09	♦ M	Vindows 98/SE, Windows ME, Windows 2000, Windows XP and Mac
05	С	DS 9.X / 10.X.
Power	♦ C	Only USB BUS power, no need other power supply.

Specification:

Interface	♦ Universal Serial Bus (USB) Revision 2.0 device.
	♦ Supports 8 ~ 256MB Secure Digital (SD) Card.
	♦ Supports 8 ~ 128MB Multi Media Card (MMC) Card.
	♦ Supports 8 ~ 128MB Memory Stick (MS) Card.
Function	 Supports 8 ~ 512MB Compact Flash (CF) Card
	Supports 340MB/512MB/1.0GB IBM Microdrive (MD).
	Supports 8 ~ 128MB Smart Media (SM) Card.
	Supports 256MB Memory Stick PRO (MS-PRO) Card.
	Supports Hot-Swapping
	\sim One SD/MMC socket
Connector	 ♦ One MS/MS-PRO socket
	 ♦ One SM socket.
Cabla	♦ One USB cable (A type male).
Cable	\diamond One Extension USB cable (A (female) to A (male) type)
Transfer	♦ USB transfer rate: High-Speed 480Mb/Sec.
Rate	♦ Data read/write speed: 700K to 4000 KBytes/sec. Max.
	♦ Power LED
	♦ Active LED
Power ♦ DC +5.0V from USB cable directly.	
Enclosure	♦ Plastics.
EMI	♦ CE & FCC.

Requirements :

- ♦ IBM PC/AT Compatible or Apple iMac.
- ♦ USB 2.0 Host card or USB 2.0 HUB device.
- ♦ Windows 98/SE, Windows ME, 2000 or Windows XP operating system.

Packing contents :

Please make sure that this package includes the following items.

Item	Quantity
8 in 1 Card Reader/Writer USB 2.0	One
Software CD Driver include User's Manual	One
USB Extension cable (A (female) to A (male) type)	One



Hardware Installation :

Normal Size :



Small Size :



Active LED : Device connected and inactive LED. Power LED : Power LED. **USB Cable** : The interface connects to the USB port of the computer.



2. **SM** Reader/Writer

MS/MS-PRO Card Reader/Writer
 SD/MMC Reader/Writer

- 1. Compact Flash (CF) and IBM Microdrive (MD) Card Reader/Writer Socket.
- 2. Smart Media (SM) Card Reader/Writer Socket.
- 3. Memory Stick (MS) and Memory Stick PRO (MS-PRO) Card Reader/Writer Socket.
- 4. Secure Digital (SD) and Multi Media Card (MMC) Card Reader/Writer Socket.

Chapter 2

Software Installation :

Supported OS

Windows 98SE, Windows ME, Windows 2000, Windows XP (Windows ME and Windows XP works without driver) and Mac 8.6, 9.x; 10.1/10.2 (MAC 10.1/10.2 works without driver) are supported. The drivers supplied with this distribution are for Windows 98SE and 2000 only. And Windows Me and XP+SP1 support for color Icon if you necessary.

You have installing the driver using the "SMSC210223 Win98SE and Win2K Driver Installation SMSC210223.exe" installation utility, or manually installing with the files included in the "Windows 98SE" or "Windows 2000" folders.

Warning: Must be install driver finish then plug in card reader

Install Driver and UI Icon

This UI Icon support in OS Windows 98SE and Windows 2000.

- **Step1** : Double Click *"My Computer"* and Double Click the CD-ROM icon.
- Step2 : Double Click "Driver" Directory

Step3: Double Click *"SMSC210223.exe"*, you will see a picture as the following.

A NEW (E:)	X
File Edit View Favorites Tools Help	
] ⇐ Back ▾ ⇔ ▾ 🖻 🔞 Search 🖓 Folders 🔇 History 📴 🏹 🖄 🕅 🖬 ▾	
Address 🔊 NEW (E:)	Go
Windows 2000 Windows 98 SM5C210223	
SMSC210223 Application	
Modified: 10/16/2003 3:32 AM	
Size: 1.81 MB	
Attributes: Read-only	
Type: Application Size: 1-81 MB	
	м
	.*1

Step4 : Choose click *"Next"*.

NEW (E:) File Edit View Favorites Tools He RUISB 2.0 Card Reader Setur	
Address Addres	Welcome to the USB 2.0 Card Reader Installation Wizard It is strongly recommended that you exit all Windows programs before running this setup program, then close any programs you have running. Click Next to continue the installation. WARNING: This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
	< Back. Next > Cancel
Type: Application Size: 1.81 MB	1.81 MB 🖳 My Computer
🎇 Start 📗 🚮 🌔 🎲 📗 🏖 NEW (E:)	🗒 Document - Wor 🔀 USB 2.0 Card R 🍕 🚳 5:55 AM

Step5 : Choose click "Next".

<u></u>		
My Document	🚏 USB 2.0 Card Reader Setup	
Q	Ready to Install the Application Image: Click Next to begin installation.	
My Computer	Click the Back button to reenter the installation information or click Cancel to exit the wizard.	
My Network Places		
Recycle Bin	Wise Installation Wizard	
Connect to the Internet	< <u>B</u> ack <u>Next></u> Cancel	
Start	🖄 🍊 🕼 🛛 🔊 NEW (E:) 🔄 Document - Wor 🔀 USB 2.0 Card R 🍕 🚳	5:55 AM

Step6 : Choose click "Enter" until to leave this picture

<u> </u>	
🖾 C:\WINNT\SwapDryr.exe	_ 🗆
If the device is not connected, please connect the device, wait for the o on	drive ic
to appear and then press any key to continue. Library loaded successfully. Device not found. Please connect the device, run the installer applicatio	on again
and choose the "Repair" option.	
Press any key to close the application	
Explorer Wise Installation Wizard	
Cancel	
the Internet	
: 承Start 🔢 🙆 😂 🕼 🔄 🖾 NEW (E:) 🗒 Docum] 沙USB 2 🔤 C:\ WI	5:56 AM

Step7 : Choose click "Finish".



Step8: Plug in the card reader, You will see 4 new icons when you double click *"My Computer"* after your PC restarted. Compact Flash (CF), Memory Stick (MS), Secure Digital (SD), Smart Media (SM), Multimedia Card and IBM Microdrive.



Windows ME and Windows XP

You do not need to install any driver if your computer's O/S is Windows ME or Windows XP since the two OS come with the supporting driver. Turn On your computer, system will auto detect board and attempt load driver. You will see 4 new icons in your File Manager of your computer. Now you can start to use the Card Reader/Writer.

You can see 4 color icon when you install "*SMSC210223.exe*". And your computer's O/S is Windows ME or Windows XP+SP1 above.

Manual install: Windows 98SE and Windows 2000

- **Step1**: Insert the Installation CD into CD-ROM.
- Step2: Plug in your 8 in 1 Card Reader in USB Host.
- Step3 : Choose click "Next"



Step4 : Choose click "Next"

Add New Hardware Wizard		
	 What do you want Windows to do? Search for the best driver for your device. (Recommended). Display a list of all the drivers in a specific location, so you can select the driver you want. 	
	< <u>B</u> ack Next > Cancel	

Step5 : Choose click "Next"

Add New Hardware Wi	zard
	Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search. Floppy disk drives CD-ROM drive Microsoft Windows Update Specify a location: D:\Driver\Windows 98
	< <u>B</u> ack Next > Cancel

Step6 : Choose click "Next"

Add New Hardware Wizard		
	Windows driver file search for the device:	
	USB MSC Device	
	Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.	
🛛 🍣 🍣 🛛	Location of driver:	
	D:\DRIVER\WINDOW~2\USBATAP1.INF	
	< <u>B</u> ack Next > Cancel	

Step7 : Choose click "Finish"

Add New Hardware Wizard		
	USB MSC Device	
	Windows has finished installing the software that your new hardware device requires.	
~		
	< Back Finish Cancel	

Step8: You will see 4 new icons when you double click *"My Computer"* after your PC restarted. Compact Flash (CF), Memory Stick (MS), Secure Digital (SD), Smart Media (SM), Multimedia Card and IBM Microdrive.

📙 My Computer					<u>- 0 ×</u>
∫ <u>F</u> ile <u>E</u> dit <u>V</u> iew <u>G</u> o	F <u>a</u> vorites <u>H</u> elp				
Back Forward →	Up Cut	Copy	Paste Ur	බ 🔀 ndo Delete	Properties
Address 🛄 My Computer					•
My Computer Select an item to view its description.	3½ Floppy (A:) Control Panel Removable Disk (G:)	Win9x (C:) Dial-Up Networking Removable Disk (H:)	Data (D:) Data (D:) Scheduled Tasks Removable Disk (I:)	(F:)	Printers Removable Disk (E:)
			D Mu I	Computer	

Install Driver and UI Icon

Choice the file name "SMSC210223.exe", follow the steps, you will see 4 color icon.

Mac OS

In Mac 8.6 ~ 9.2:

If your MAC O/S is $8.6 \sim 9.2$, please follow the steps:

- **Step1**: Insert the CD into the CD-ROM. (Please don't plug the Reader into the USB host before completing the driver installation)
- **Step2**: Open the "Mac" folder then open the "Driver" folder then copy the "210+223 MacOS 8-9.Sit.Zip" file to your Mac HDD.

Step3: Double click "210+223 MacOS 8-9.Sit.Zip" to unzipping.

Step4: Choose click "SMSC Installer", the driver will be installed automatically, please follow the instructions.

Step5 : After you complete the driver, please re-start the computer.

Step6: After the computer is start, please plug the Card Reader/Writer into the USB host.

When you insert a Flash Card, you will see an "untitled" HDD icon in the desktop. When you insert 2 Flash Cards, you will see 2 "untitled" HDD icons. When you insert 3 Flash Cards, you will see 3 "untitled" HDD icons.

In Mac 10 above:

If your MAC O/S is 10.1.2 above, you don't need to install any driver. Please just plug the reader into the USB port then you can start to use the Flash Card Reader/Writer.