SP-501

User's Manual

Edition 1.0
2008/7/3

Copyright

Disclaimer

Trademark

_____
Any questions please visit our website at http://www.commell.com.tw.

Packing List:

Hardware:

SP-501 PCI Capture Card x1

Cable kit:

BNC Cable x 2

Audio Cable x 1 (optional)

## CD Content:

Drivers & User's Manual

1.0 <Product Specification>

| General Specification	
Form Factor	PCI Card with 120-pin interface
Controller	One dataGATE MV9200
Accessories	2 x D-sub 9 to 8 x BNC connector cable
	1 x D-sub 9 to 2 channel audio cable
Features	16 channel video input for camera
	Support NTSC/PAL video decoding 120 fps at NTSC/PAL
	Support image capture resolutions up to
	768 x 576 (PAL)
	720 x 480 (NTSC)
Dimensions (L x W)	120mm x 97mm
Ordering Code	
SP-501H	16 ch video and 2 ch audio input with SDK provided
SP-501HA	16 ch video and 2 ch audio input with Scode DVR program

Recording & monitor

Input	Resolution	Frame rate
4 Channel	D1	15 fps/per channel
	CIF	30 fps/per channel
8 Channel	D1	7.5 fps/per channel
	CIF	15 fps/per channel
12 Channel	D1	5 fps/per channel
	CIF	10 fps/per channel
16 Channel	D1	3.75 fps/per channel
	CIF	7.5 fps/per channel

1.1 <Component Placement>
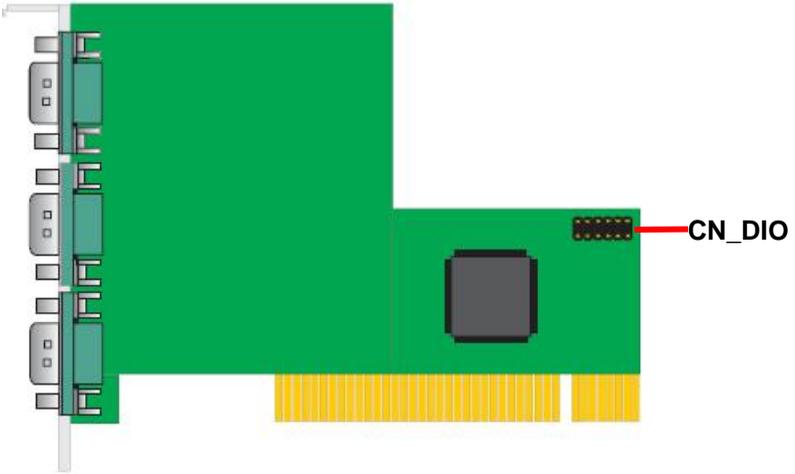
CN_DIO

1.2 <Mechanical Drawing>
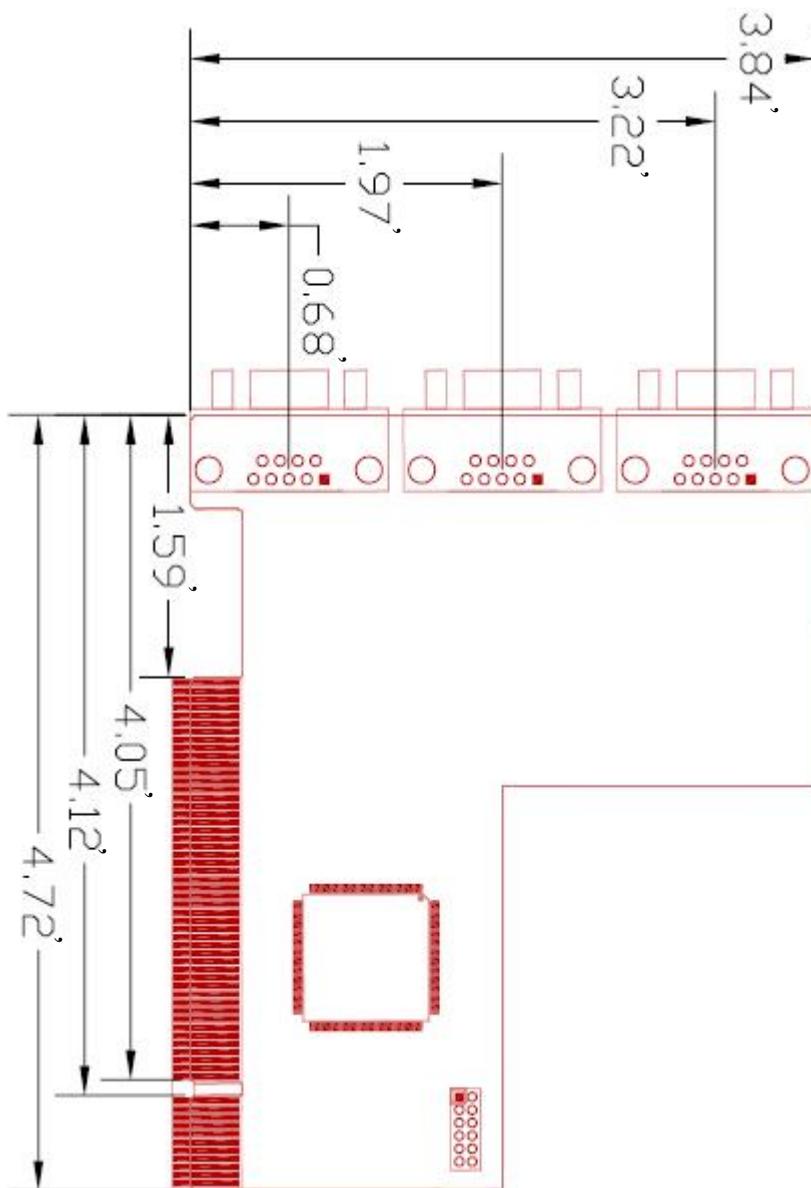
1.3 <Connector Reference>

Connector: CN_DIO
Type: 12-pin (6x2) header
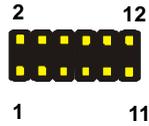
Pin	Description	Pin	Description
1	GND	2	GND
3	IO1	4	IO5
5	IO2	6	IO6
7	IO3	8	IO7
9	IO4	10	IO8
11	+5V	12	+3.3V

1.4 <Driver Setting>

1. Please choose Device Manager

2. Then you can see other devices
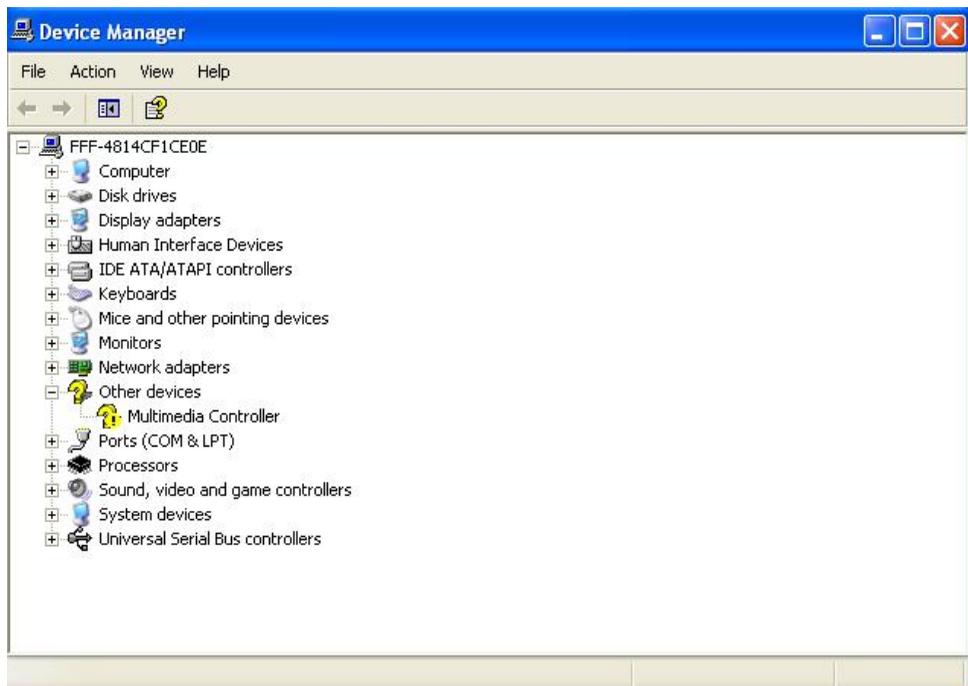
3. Please choose Multimedia Controller then press Reinstall Driver
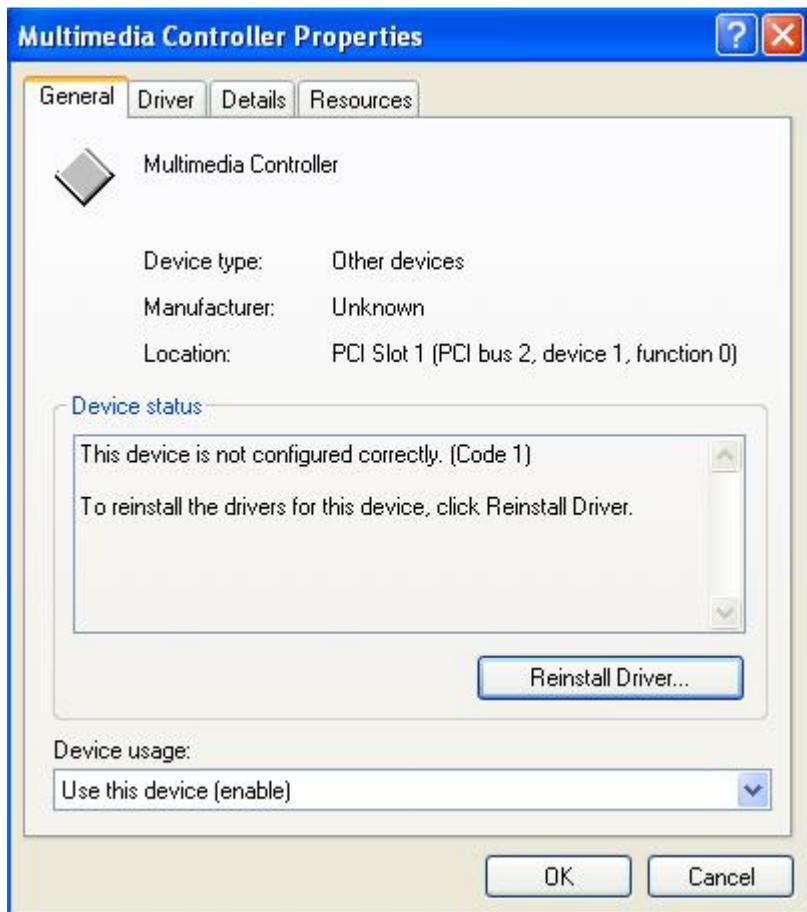
4. Please choose NO，not this time press next

5. Please choose Install from a list on specific Location
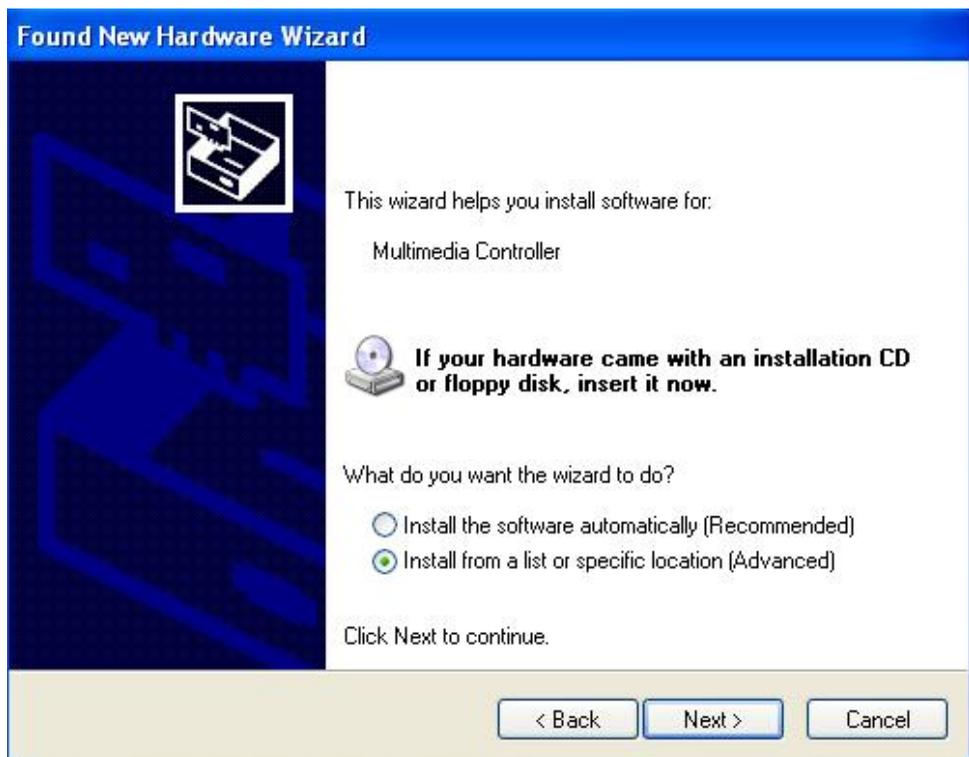
6. Please select file location E:\Driver\SP-501 then press OK

Hardware Update Wizard

Please choose your search and installation options.

⦿ Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

☐ Search removable media (floppy, CD-ROM...)

☑ Include this location in the search:

E:\Driver\SP-501   [Browse]

○ Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

[< Back] [Next >] [Cancel]

# 7. After driver install, please enter Device Manager then select Mv9200 WDM press properties.

<1.5> Sample Program:

1.5.1

When you completed hardware & software installation, please find the " MV9200 " in the CD
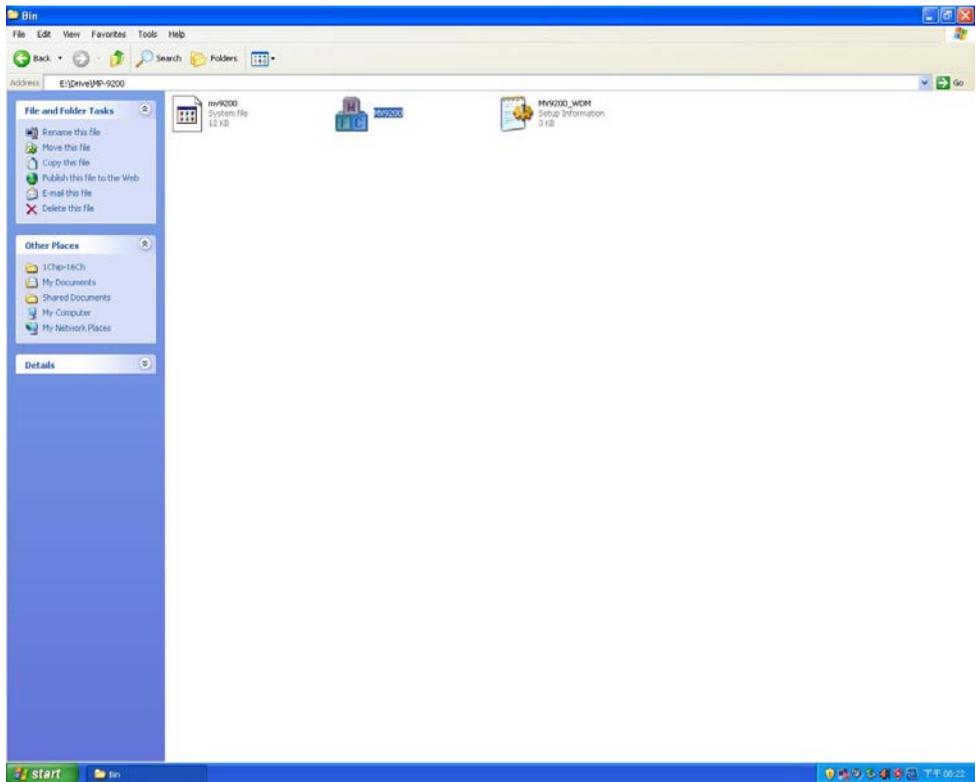
1.5.2

Please double –click " DrvTest , It'll pops up as following.

Then Please Push " Control " on the left-upper Menu.
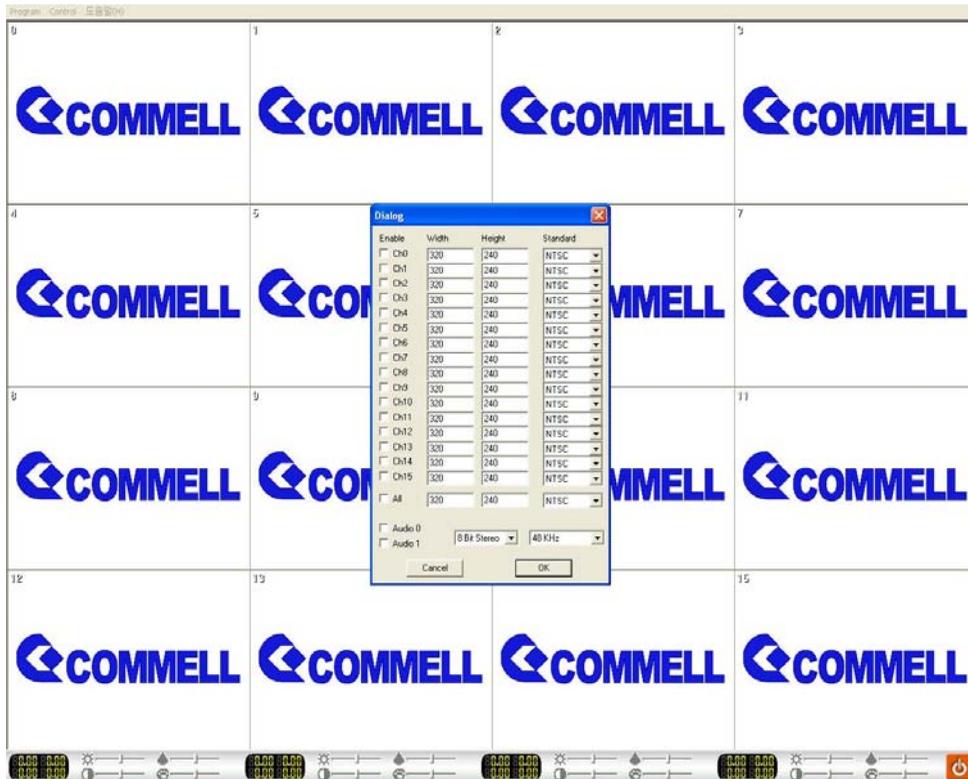
You 'll get the video show .

.

Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

Taiwan Commate Computer Inc.

Address	8F, No. 94, Sec. 1, Shin Tai Wu Rd., Shi Chih
	Taipei Hsien, Taiwan
TEL	+886-2-26963909
FAX	+886-2-26963911
Website	http://www.commell.com.tw
E-Mail	info@commell.com.tw (General Information)
	tech@commell.com.tw (Technical Support)

Commell is the trademark of Taiwan Commate Computer INC.

COMMELL
Stage For Your Success