

MP-878D Series

Mini-PCI Video Capture Card

User's Manual



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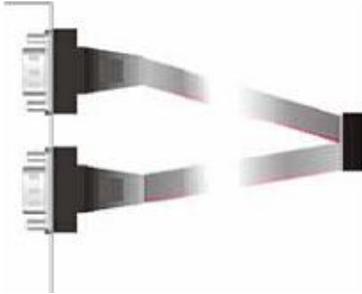
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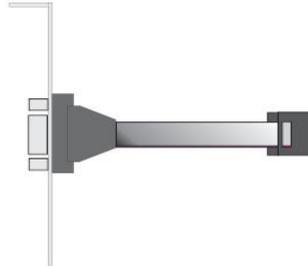
Packing List:

Please check the package content before you starting using the board.

Cable Kits:



Dual D-SUB 9 Cable x 1 (MP-878D8 only)

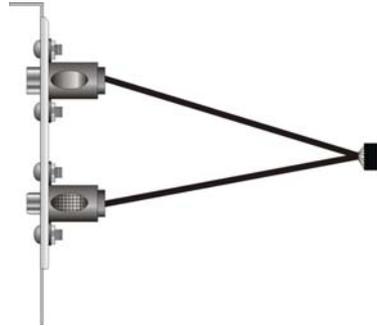


D-SUB 9 Cable x 1 (MP-878D4 only)



4 BNC Cable x 2 (MP-878D8 only)

4 BNC Cable x 1 (MP-878D4 only)



Composite and S-video Cable x1 (MP-878D only)

Composite and S-video Cable x2 (MP-878D2 only)

Hardware:

- ◆ 1 x MP-878 series Mini-PCI Video Capture card
- ◆ 1 x Cable support S-video & Composite for MP-878D
- ◆ 2 x Cable support S-video & Composite for MP-878D2
- ◆ 1 x BNC cable & 10-pin header to D-sub 9-pin cable for MP-878D4
- ◆ 2 x BNC cable & 10-pin header to D-sub 9-pin cable for MP-878D8
- ◆ 1 x Utility CD

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Chapter 1 <Introduction>

1.1 <Product Overview>

COMMELL MP-878D series is a Video input Video Capture Card. That supports up to D1 resolution at 30/25 fps (one Chip). Also MP-878D/D4 series supports NTSC/PAL signals.(MP-878D2/D8 is allow 2 Cards which installed in one PC system. If user wants to use more than two MP-878D2/D8 Mini-PCI capture card in one system, User needs to be aware of that each 878 chip on the card needs to be set for different PCI Subsystem ID in EEPROM device. And please inform COMMELL to set different ID before purchase.)

1.2 <Hardware requirement>

- I. Intel Pentium III 1.0 GHz or above (The CPU speed depends on the video Frame rate, channels and resolution)
- II. 256 MB RAM or above
- III. Free Mini-PCI slot

1.3 <Software requirement>

Microsoft Windows 2000/XP with DirectX 9.0 or above

1.4 <Dimensions>

44.6 x 59.5 mm (Mini-PCI Type-III B)



Figure 1.2

1.5 <Hardware Interface >

Connector: **CN_DVR2**

Type: onboard 2 x 5-pin header, pitch=2.0mm

Pin	Description	Pin	Description
1	Ground	2	COMP11
3	Ground	4	COMP12
5	Ground	6	C1
7	Ground	8	COMP10
9	Ground	10	COMP13

Connector: **CN_DVR1**

Type: onboard 2 x 5-pin header, pitch=2.0mm

Pin	Description	Pin	Description
1	Ground	2	COMP21
3	Ground	4	COMP22
5	Ground	6	C2
7	Ground	8	COMP20
9	Ground	10	COMP23

1.6 <Hardware installation >

1. Turn off your computer and unplug the power cord.
2. Remove the cover of your computer.
3. Touch the metal part on the surface of your computer to neutralize Any static electricity that might be on your body.
4. Place the MP-878D series into the Motherboard's Mini-PCI slot and connect Corresponding accessories to the MP-878D series.
5. Replace the cover of your computer chassis
6. Plug in the power cord and turn on the computer.

1.7 <Software installation >

When you completed the Hardware installation, the system will auto –detect
And a message pops up as following:



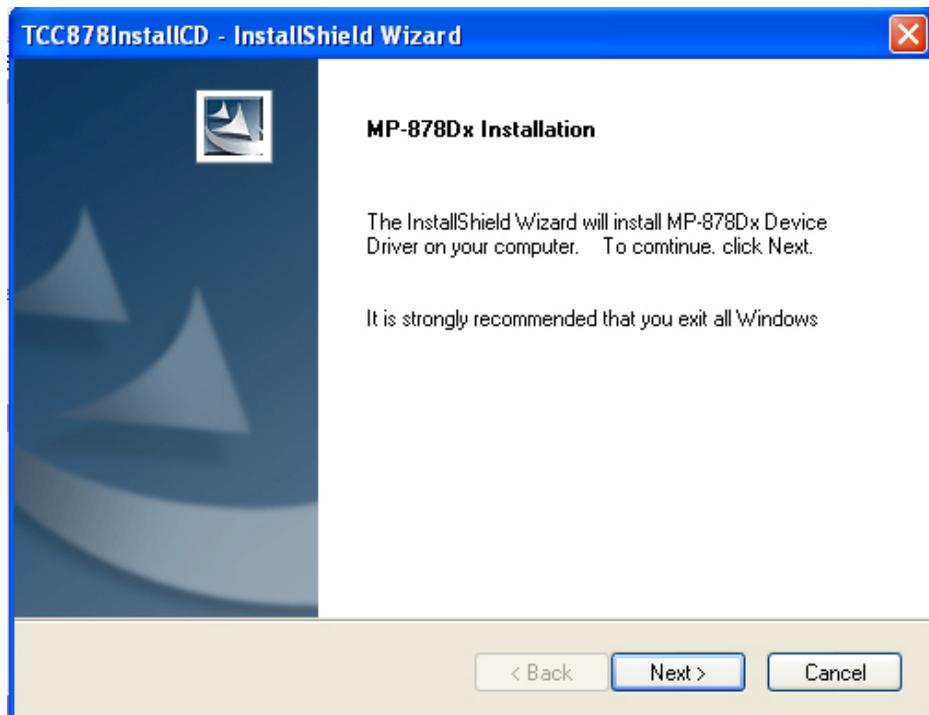
Please all select “ Cancel “

Then, Insert the driver CD into your system's CD-ROM to Set up MP-878D series.

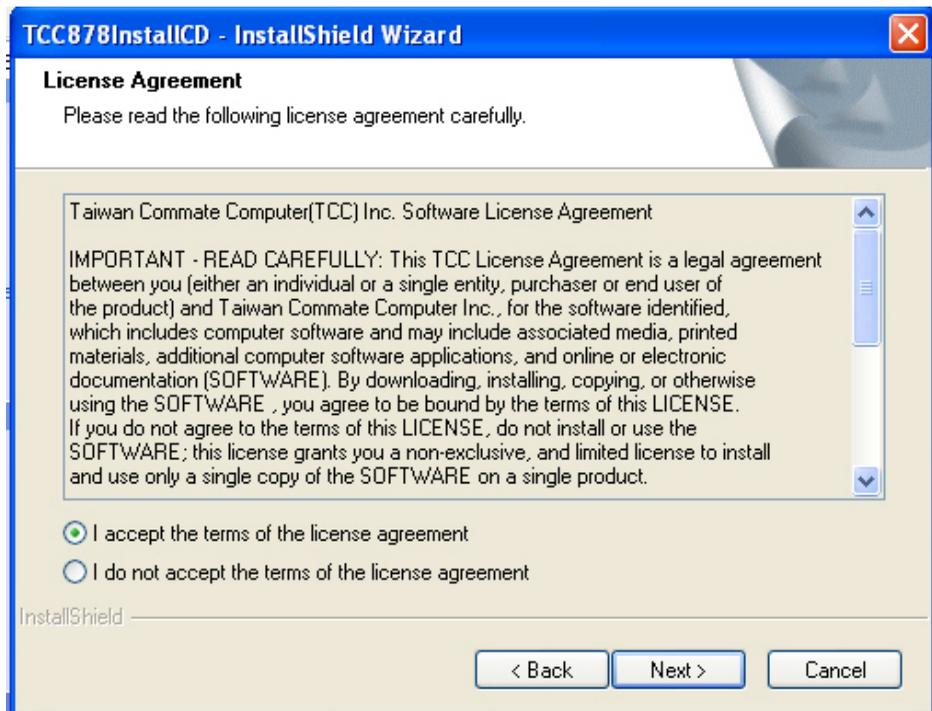
Run Setup.exe

(E:/Media/SINGLE.EXE_IMAGE/Disk Image/Disk/Setup.exe)

Please select " Next " to continue.



Please read the following License Agreement. Press the Page Down key to see the rest of agreement and click “ Yes “ to continue the installation.



Please fill in your User Name & Company Name. Then, click “ Next “.

TCC878InstallCD - InstallShield Wizard

Customer Information
Please enter your information.

Please enter your name and the name of the company for which you work.

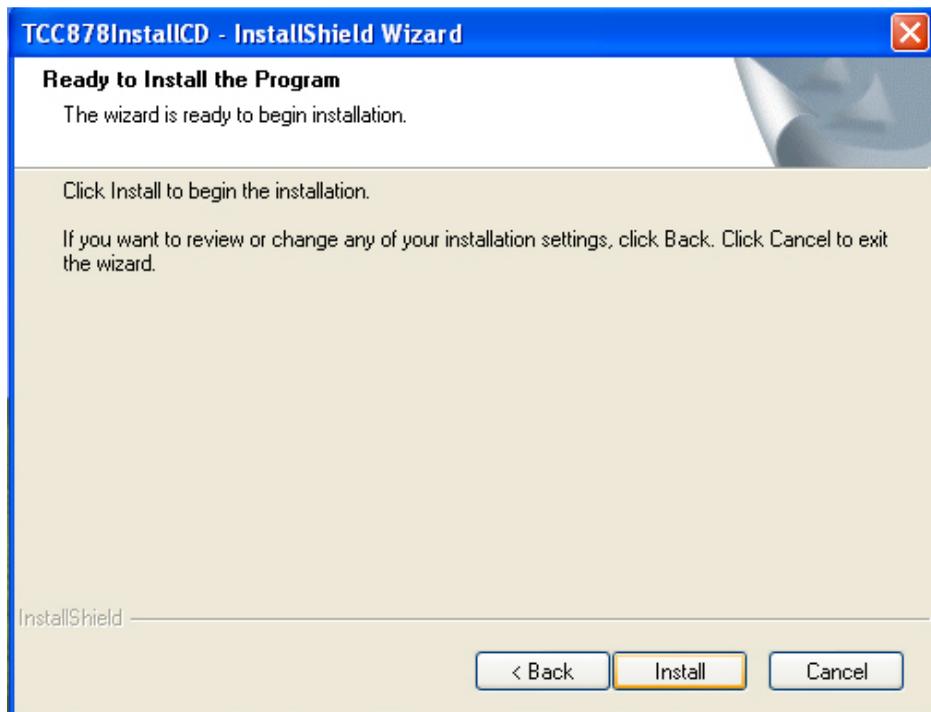
User Name:

Company Name:

InstallShield

< Back Next > Cancel

Please select Install in this page .



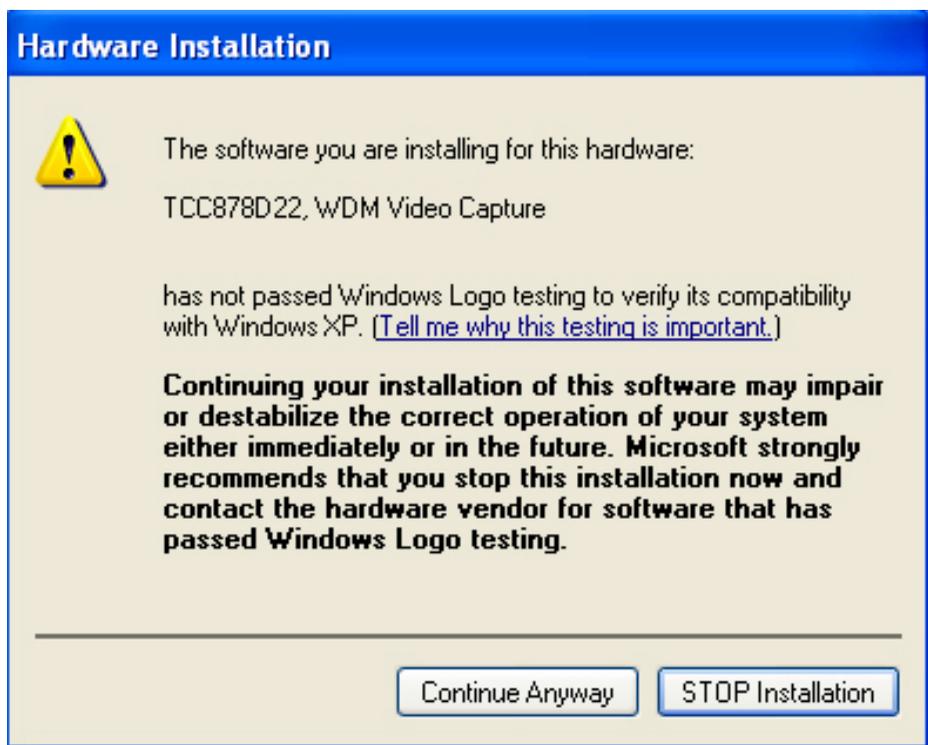
Click "Continue Anyway" when you see the following message.



Click "Continue Anyway" when you see the following message.



Click “ Continue Anyway “ when you see the following message.



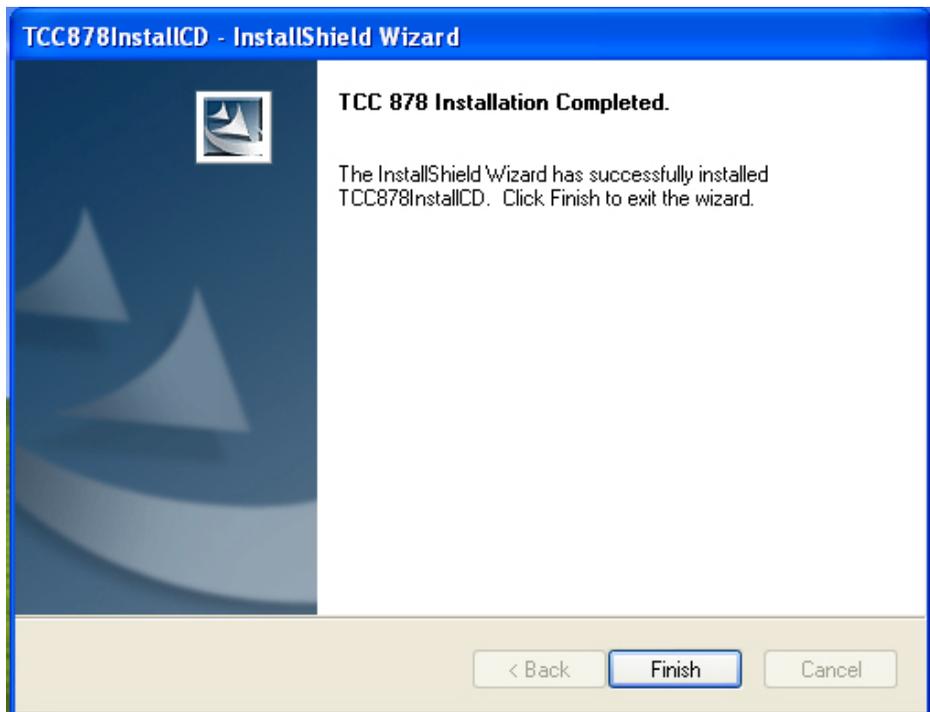
Click “ Continue Anyway “ when you see the following message.



Click “ Continue Anyway “ when you see the following message.



When the following message appears, click “ Finish “ to complete the installation and restart Windows or your computer.



1.7<Sample Program>

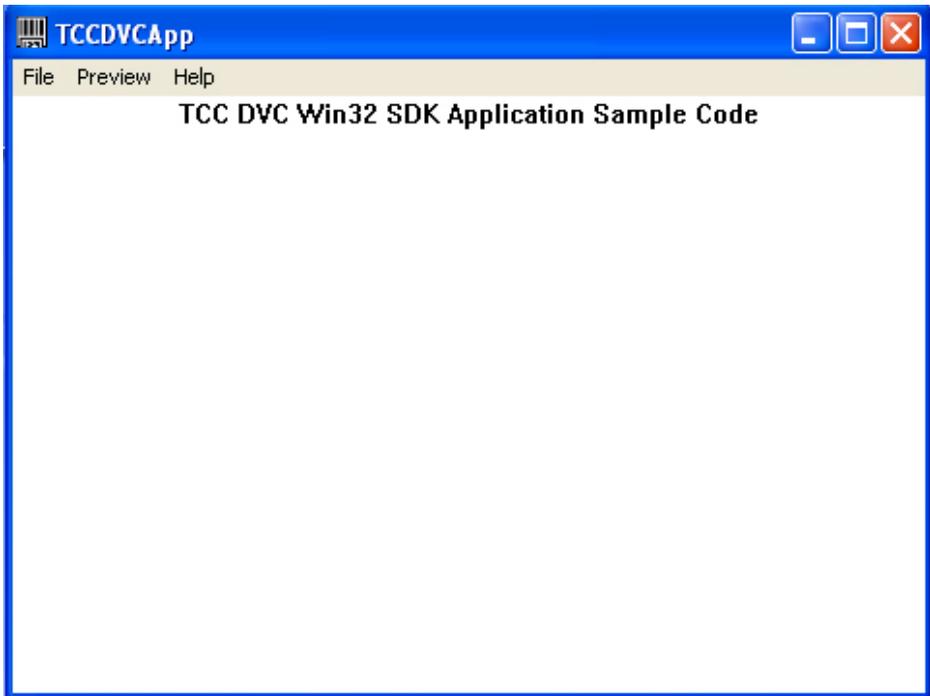
When you completed hardware & software installation, you can use COMMELL “TCCVDCApp” sample program to test.

You can find TCCDVCApp.exe on desktop.

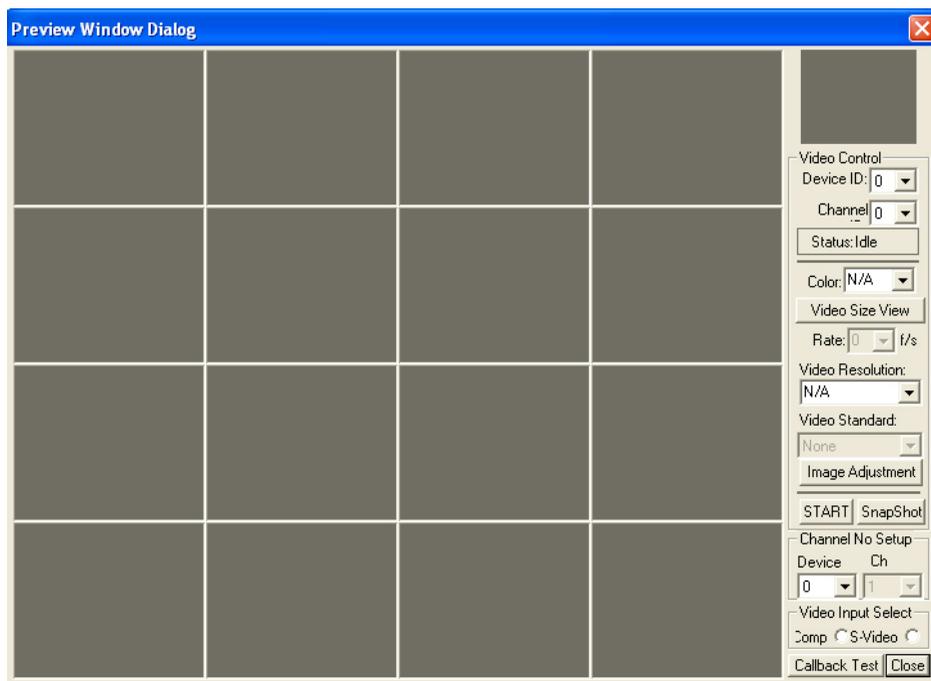


Please double –click “ TCCDVCApp.exep , It'll pops up as following.

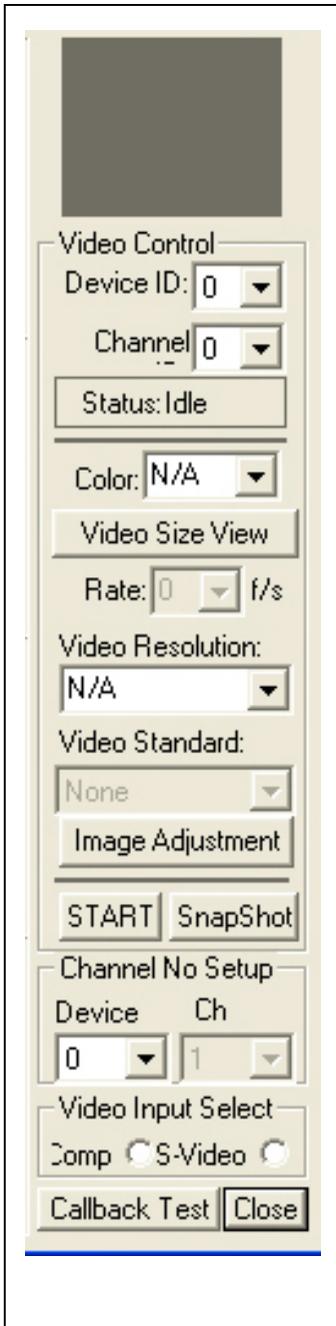
Then Please Push “ Preview “ on the left-upper Menu.



You 'll get the program interface as following.



Explanation of Sample program function



Device ID:

It is mean BT878I Chipset.

Channel ID:

Support Video input per device.

Snapshot:

Catch the image on working channel.

Callback Test:

Catch the series image on working channel

Note:

Every channel is work separately, when you want to change any setting, please stop all channels which working.

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 a business.

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