MPX-885

User's Manual

Edition 1.4
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Any questions please visit our website at http://www.commell.com.tw.

Packing List:

Hardware:

MPX-885 Mini PCI Express Capture Card x1

Cable kit:

Video Cable

4-ch BNC Cable x 1

(OALBNCE4)

DB9 Cable x 1

(OALES-BKU1)

Audio Cable (option)

Audio Cable x 1 (option)

(OALDB9-AUD4-885)

DB9 Cable x 1 (option)

(OALES-BKU1)

Video Cable (option)

Dual YPbPR + Dual Composite Cable x 1 (option) (OALDB9-HDTV-885)

4-ch S-Video Cable x 1 (option) (OALDB9-4S-885)

8-ch BNC Cable x 1 (option) (OALBNCE8)
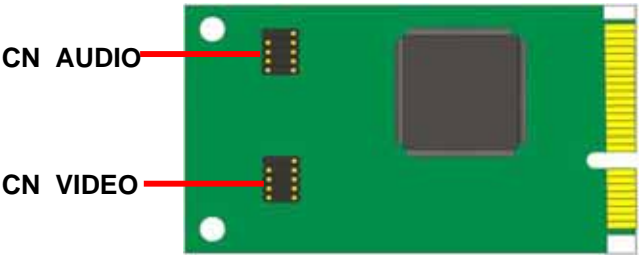

8-ch Composite Cable x 1 (option) (OALDB9-AUD8)
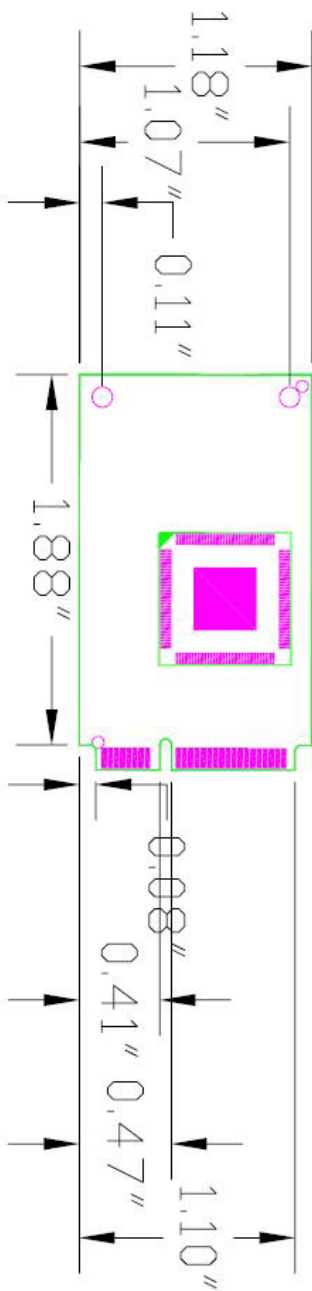
CD Content:

Drivers & User's Manual

1.0 <Product Specification>

| General Specification	
Form Factor	PCI Express mini card
Controller	One CX23885 chip onboard
Accessories	1 x 10-pin header to 1 x D-sub 9 Cable 1 x D-sub 9 to 4 x BNC connector Cable 1 x 10-pin header to 1 x D-sub 9 Cable(option)-Audio 1 x D-sub 9 to 4 channel Audio Cable(option)-Audio 1 x D-sub 9 to 4 x S-Video Cable(option)-4 x S-Video 1 x D-sub 9 to 2 x YPbPr & 2 x Composite Cable(option)---2 x YPbPr + 2 x Composite 1 x D-sub 9 to 8 x Composite Cable(option)-8 x Composite 1 x D-sub 9 to 8 x BNC connector Cable(option)-8 x Video input
Features	4 channel video inputs share with 30 fps NTSC: 720 x 480 @ 30 FPS PAL: 720 x 576 @ 25 FPS Support NTSC/PAL video decoding Support image capture resolutions up to 768 x 576, 768 x 288, 352 x 288 (PAL) 720 x 480, 720 x 240 , 320 x 240 (NTSC)
Dimensions (L x W)	51mm x 30mm

1.1 <Component Placement>
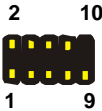
1.2 <Mechanical Drawing>

1.3 <Connector Reference>

Connector: CN_VIDEO

Type: 10-pin (5x2) header
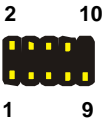
Pin	Description	Pin	Description
1	VIEDO1	2	VIDEO2
3	VIEDO3	4	VIEDO4
5	Ground	6	VIEDO5
7	VIEDO6	8	VIEDO7
9	VIEDO8	10	N/C

Connector: CN_AUDIO
Type: 10-pin (5x2) header

Pin	Description	Pin	Description
1	VL1	2	VL2
3	N/C	4	N/C
5	GND	6	VR1
7	VR2	8	N/C
9	N/C		

1.4 <Driver Setting>

1. Insert the driver CD into your system's CD-ROM to Set up MPX-885 Setup
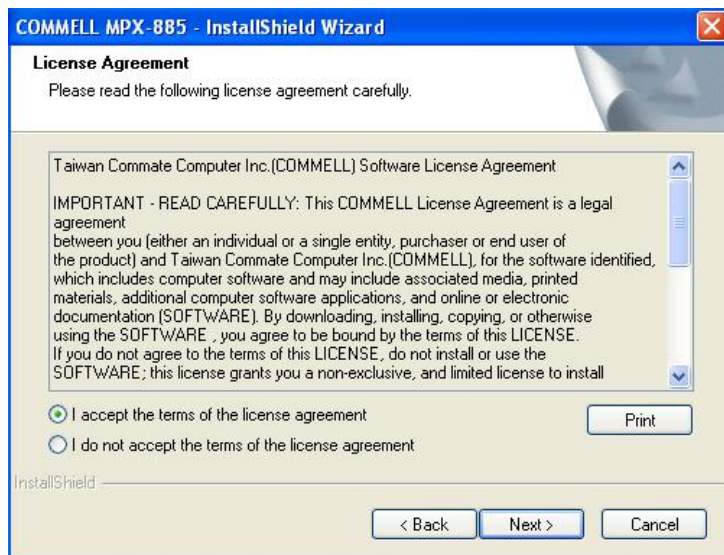
MPX-885(20091012).exe.

(E:/Driver/MPX-885/SDK(1.1)/Setup MPX-885(20091012).exe)
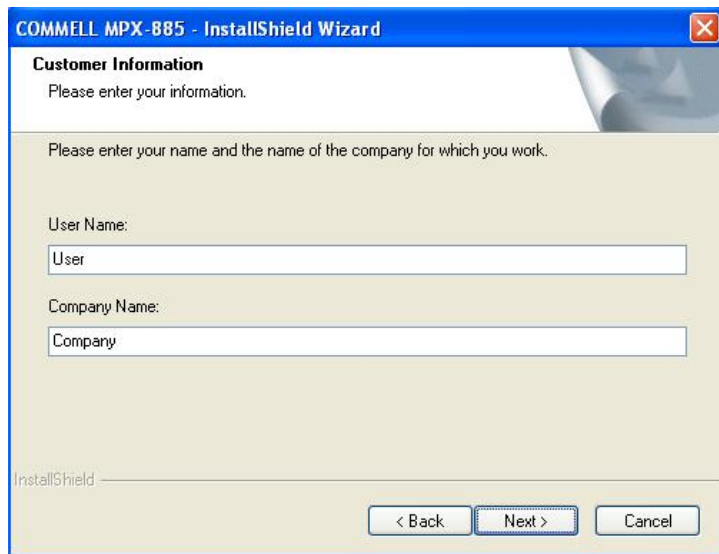
Please select "Next" to continue.
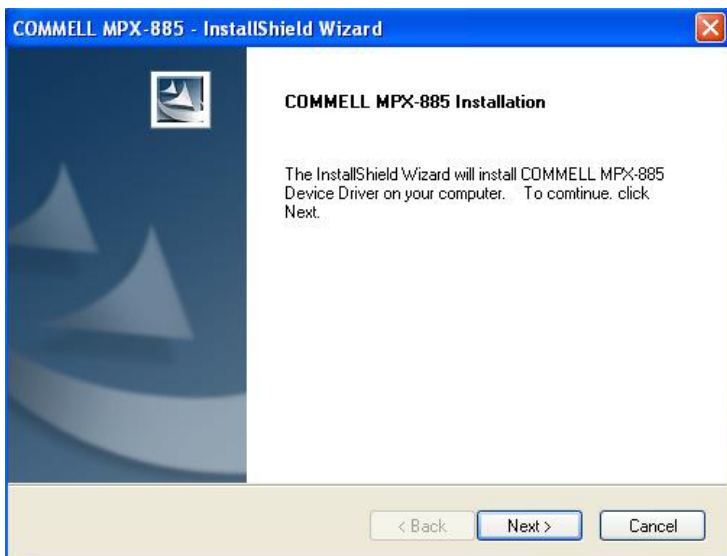
2. Please read the following License Agreement. Press the Page Down key to see the rest of agreement and click "Next" to continue the installation.
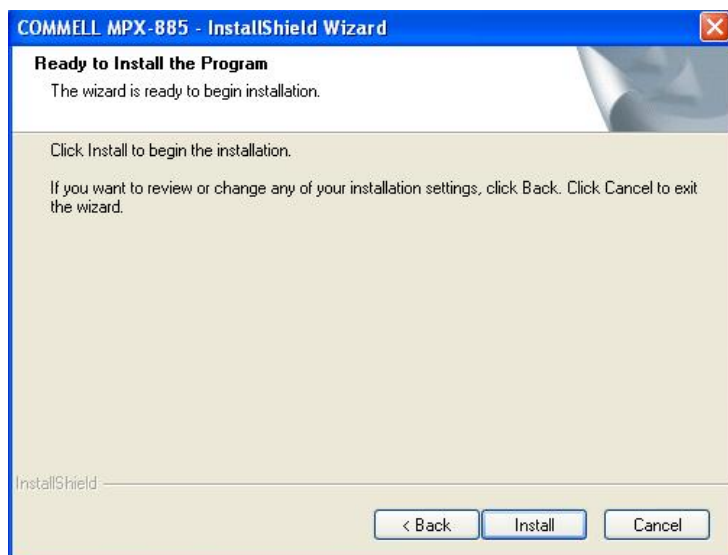

3. Please select fill in your User Name & Company Name. Then, click "Next".

4. Please select "Install" in this page.

5. Please Click "Continue Anyway", when you see the following message.

6. Please click "Finish" to complete the installation.
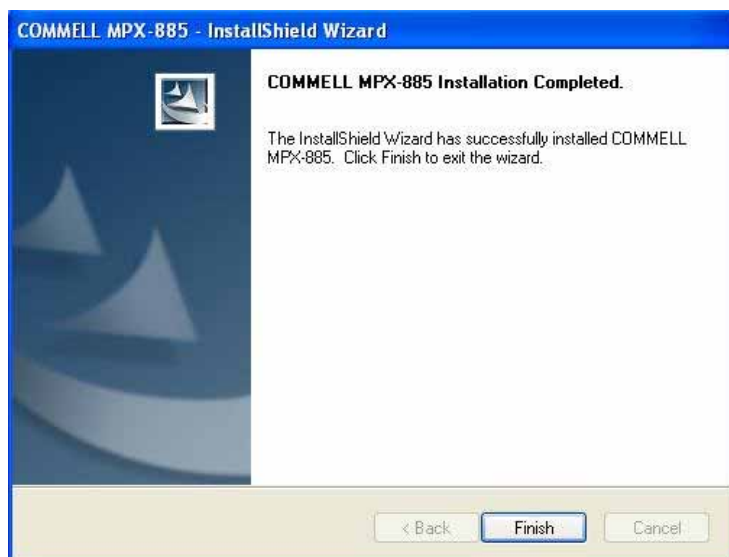
7. After driver install, please enter Device Manager then select Conexant CX23885 AVS Video Capture(Sonora) press properties.
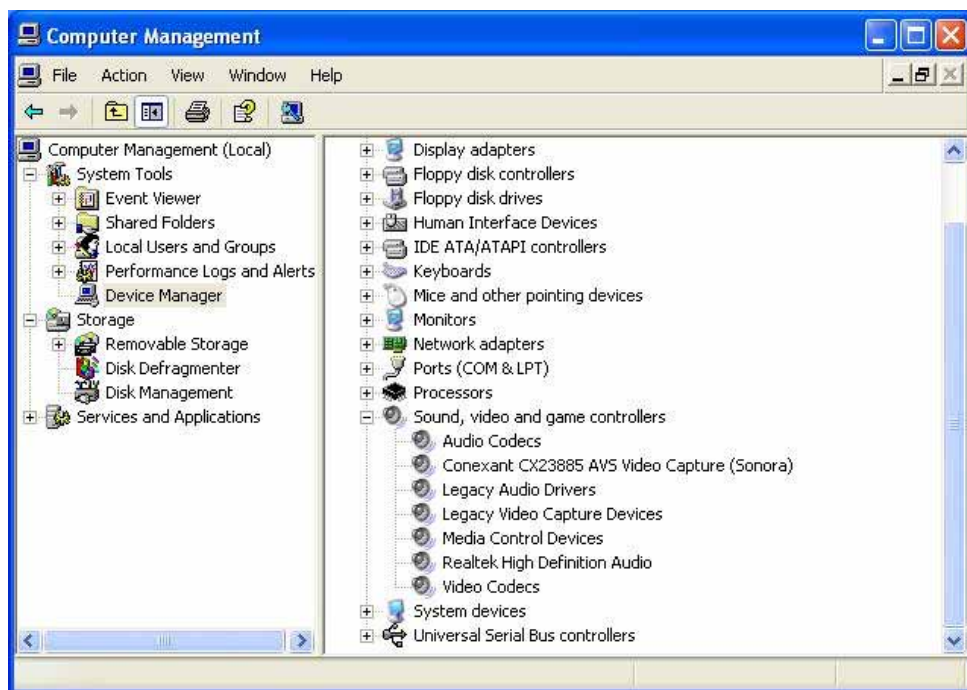
1.5 <Sample Program>

When you completed hardware & software installation, you can use COMMELL "Launch COMMELLDVC App" sample program to test.
You can find Launch COMMELLDVC App.exe on desktop.

Launch
COMMELLDVC
App.exe

Please double –click "Launch COMMELLDVC App.exe", 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 CX23885 Chipset.

Channel ID:

Support Video input per device.

Snapshot:

Catch the image on working channel.

Callback Test:
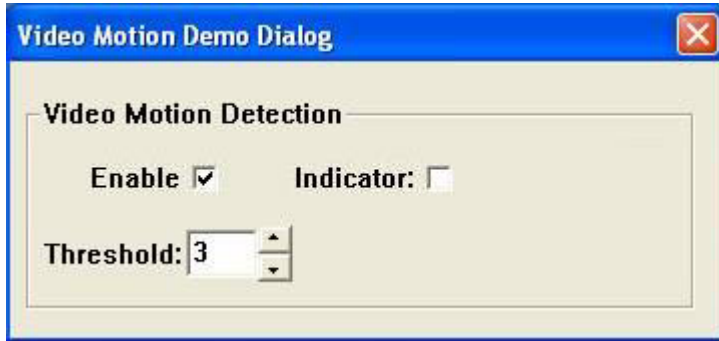
Catch the series image on working channel

Note:

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

<Video Motion>

Please choose "Video Motion", then you can see program interface as following.

Enable:

If user "check" this box, it will enable video motion detection.

Indicator:

If this box is checked, it will show red spots as a motion indication, when the video motion is been detected.

Threshold:

Select motion detection sensitivity level. The smaller number makes it more sensitive.

<Audio Function>

MPX-885 SDK doesn't support Audio function test, if you want to test Audio, please update driver D:\PRI\Driver\MPX-885\Standard Driver and use graphedt.exe.

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.

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