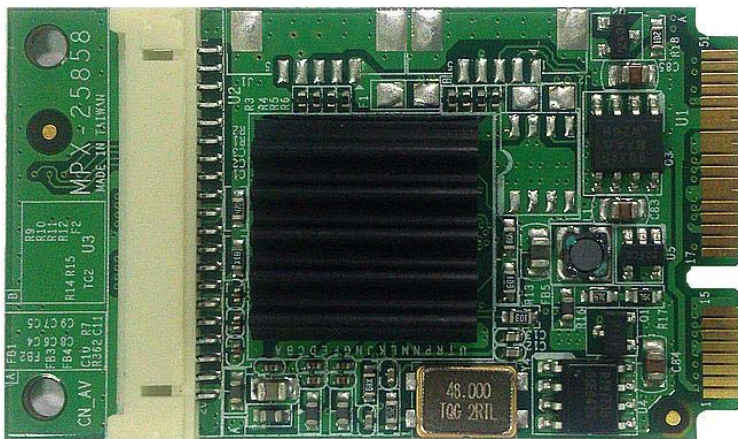


MPX-25858

User's Manual

Edition 1.21

2025/01/07



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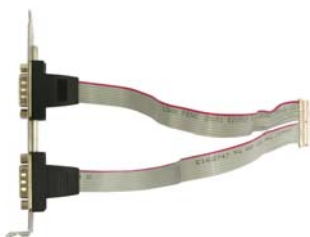
Packing List:

Hardware:

MPX-25858 Mini PCI Express Capture Card x1

Cable kit:

Cable:



1 x DF14 to dual D-sub 9 Cable
(OALES-BKU2-H14)



1 x 8-ch BNC Video input Cable
(OALBNCE8-3)

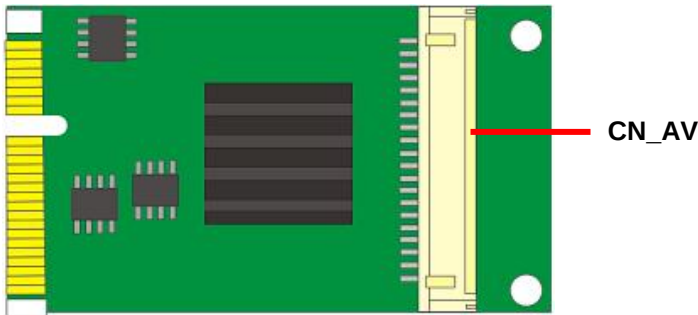


1 x 8-ch RCA Audio input Cable
(OALDB9-AUD8)

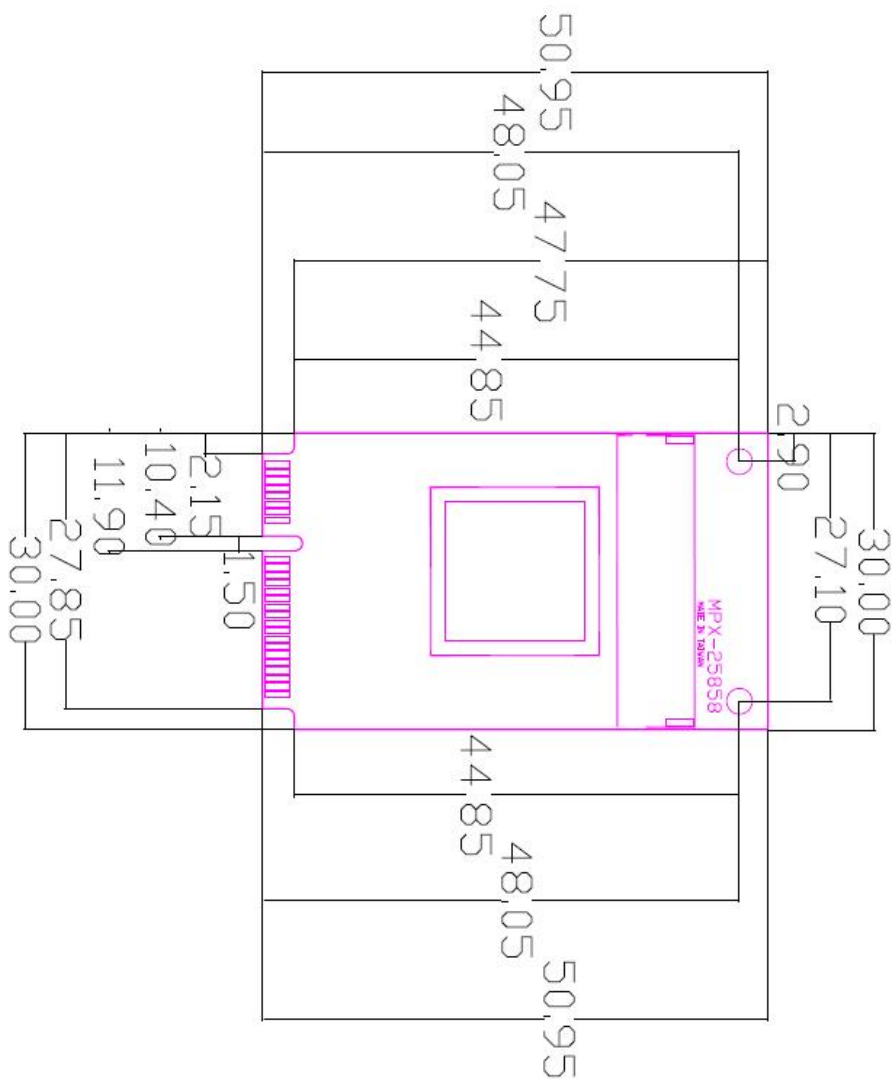
1.0<Product Specification>

General Specification	
Form Factor	PCI Express mini card
Controller	One CX-25858 chip
Accessories	1 x 20-pin DF14 to 2 x D-sub 9 Cable 1 x 8-ch BNC Video input Cable 1 x 8-ch RCA Audio input Cable
Display rate	8 channels video inputs share with 240 fps
Output Type	NTSC/PAL
Dimensions (L x W)	51mm x 30mm

1.1 <Component Placement>



1.2 <Mechanical Drawing>

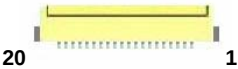


Unit: mm

1.3 <Connector Reference>

Connector: CN_AV

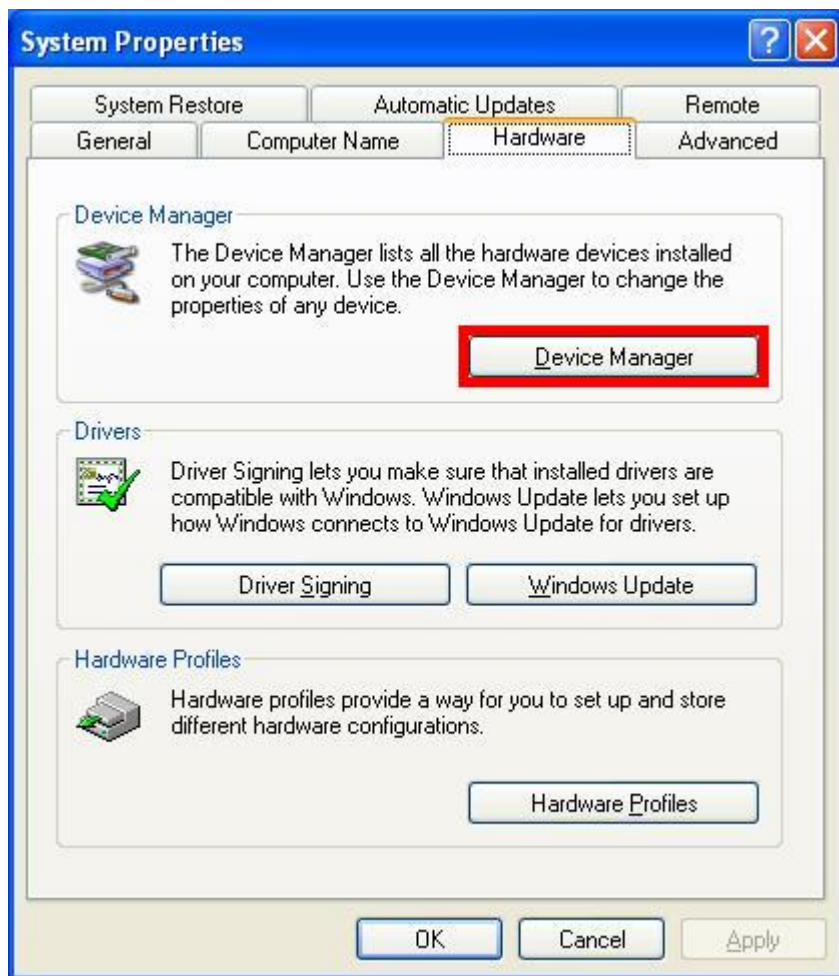
Type: DF14 20-pin pitch=1.25mm



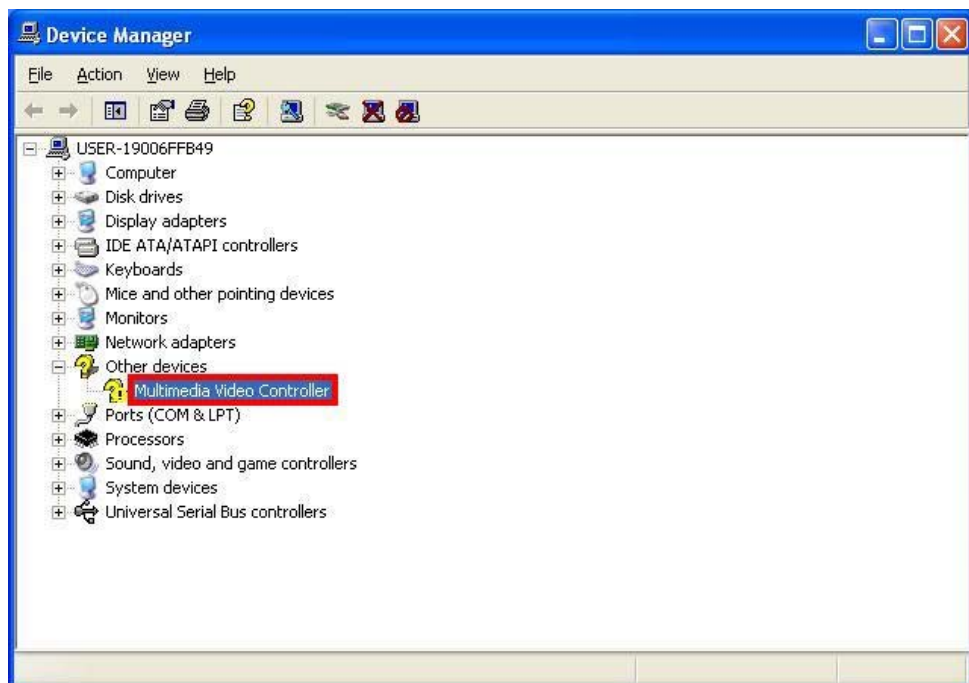
Pin	Description
1	Video1
2	Video2
3	Video3
4	Video4
5	GND
6	Video5
7	Video6
8	Video7
9	Video8
10	GND
11	Audio1
12	Audio2
13	Audio3
14	Audio4
15	GND
16	Audio5
17	Audio6
18	Audio7
19	Audio8
20	GND

1.4 <Driver Setting>

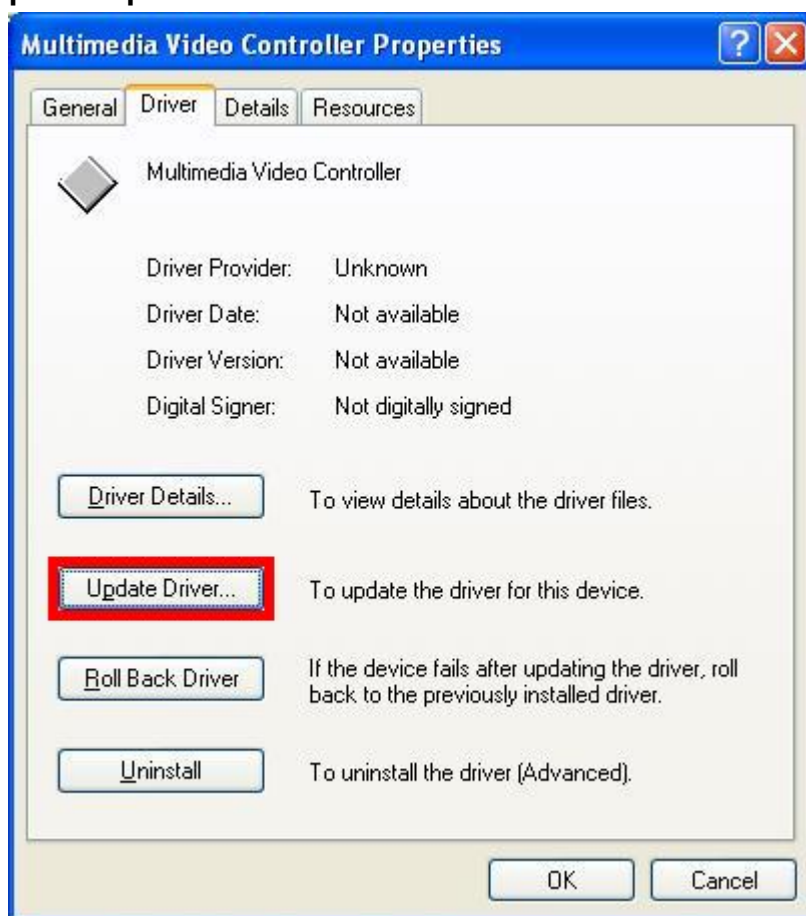
1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ ...
2. Please select “**Device Manager**”



3. You can see other devices "Multimedia Video Controller"



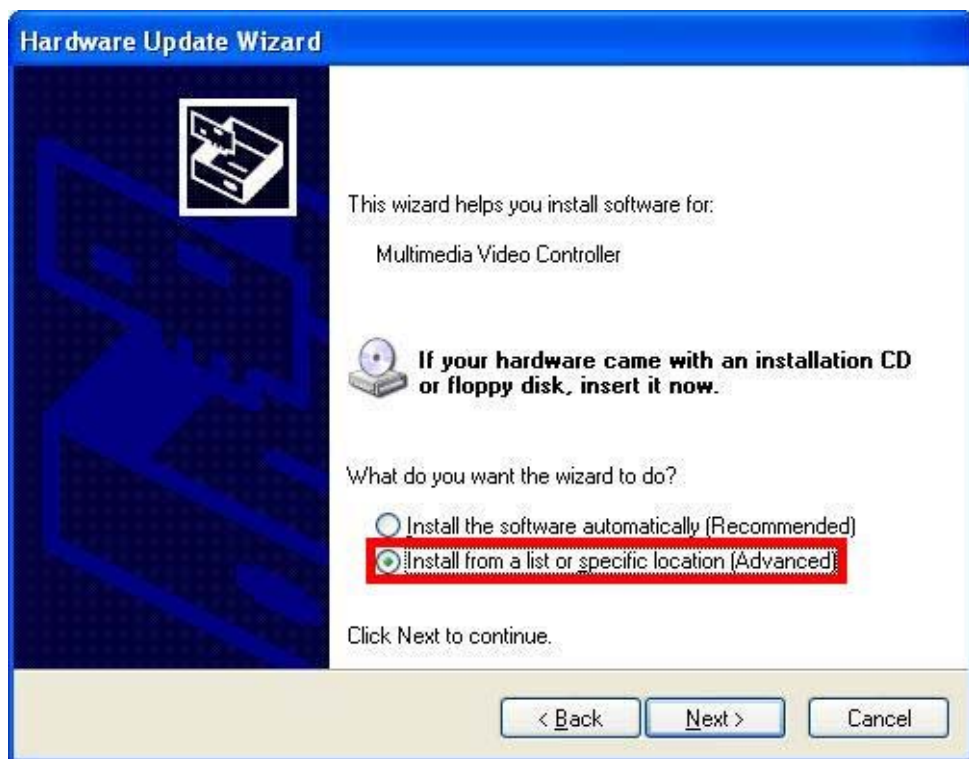
4. Please select “Multimedia Video Controller Device” then press Update Driver



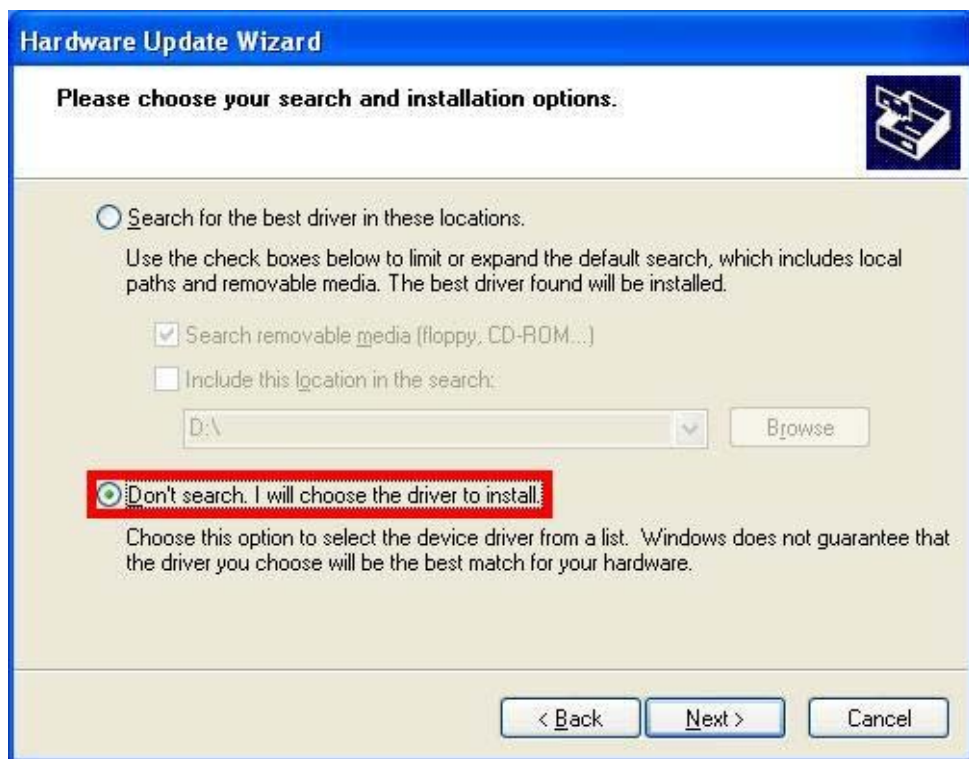
5. Please select “NO, not this time”

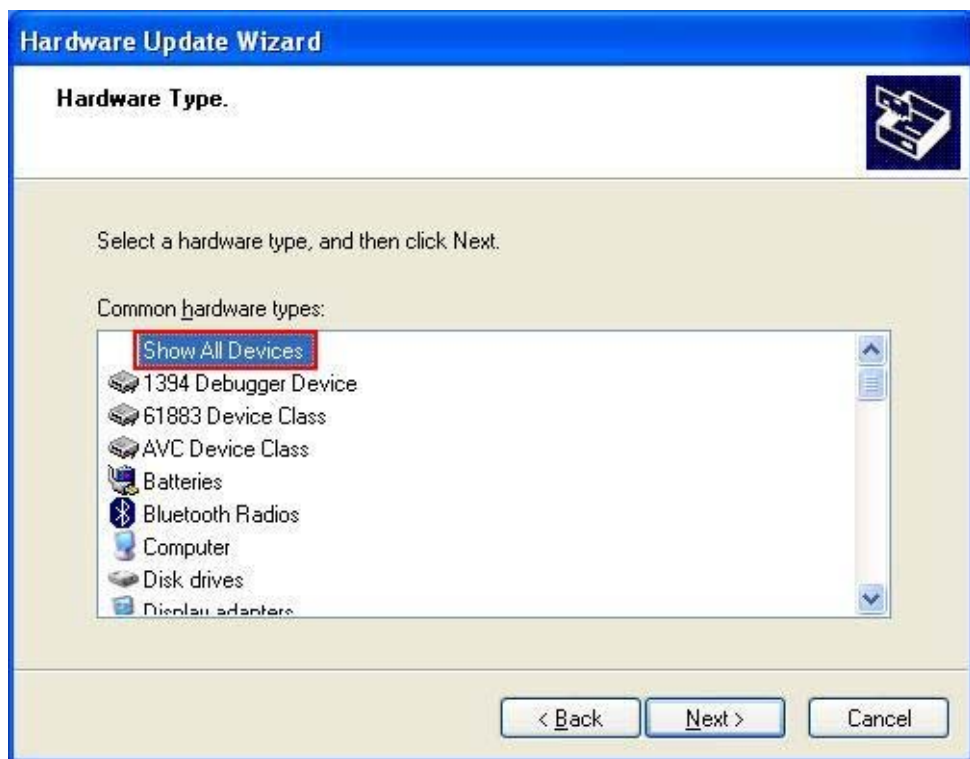


6. Install software for “ **Multimedia Video Controller** ” Please select “**Install from a list or specific location**”

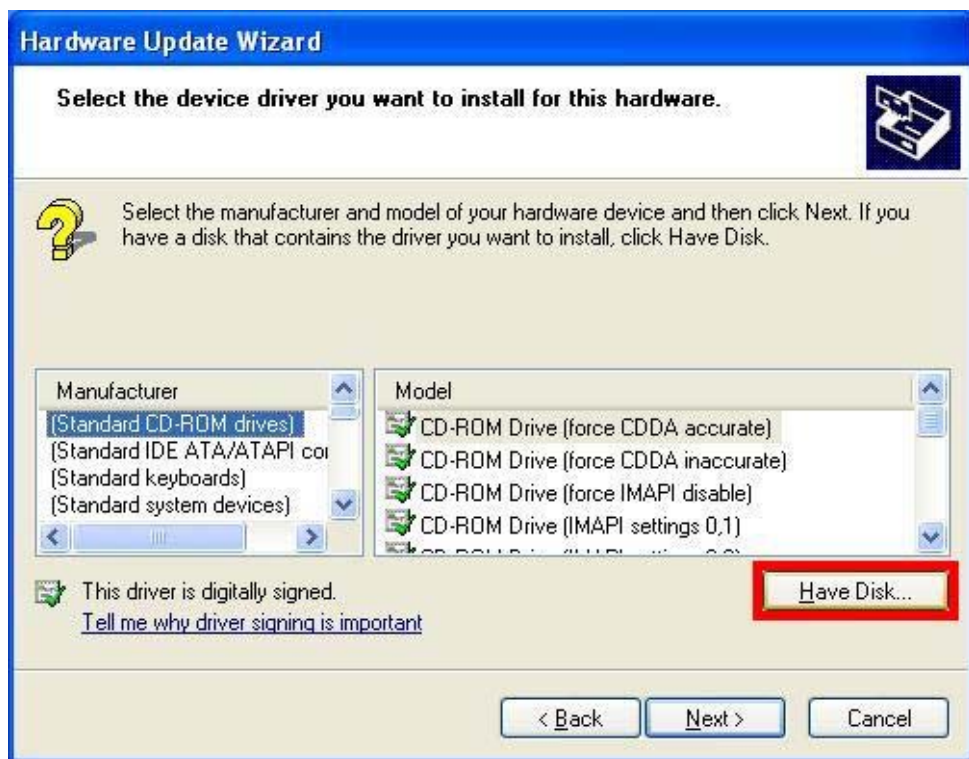


7. Please select **“Don't search. I will choose the driver to install”** then press **“Next”**



8. Please select “Show All Devices” then press “Next”

9. Please select **“Have Disk...”** Check **“Browse...”** then press **“D:\MPX-25858\Driver\lx86\A\CxAtlas”**



10. You can see “**Conexant CX25858 AVS Video Capture (Atlas)**” then press “**Next**”



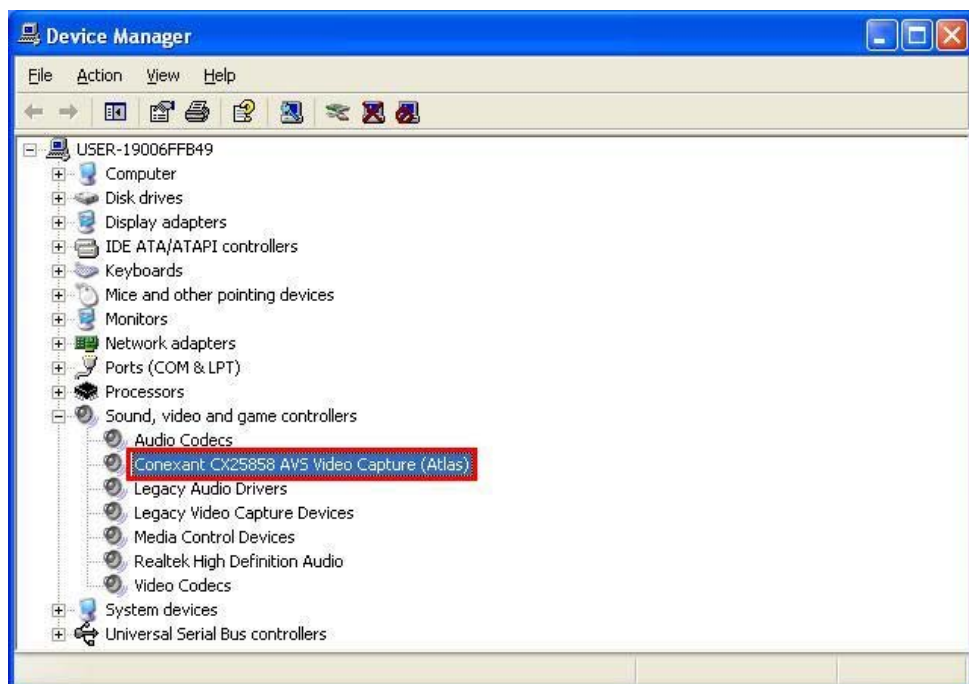
11. Please click “Continue Anyway”



12. Completing the hardware update wizard

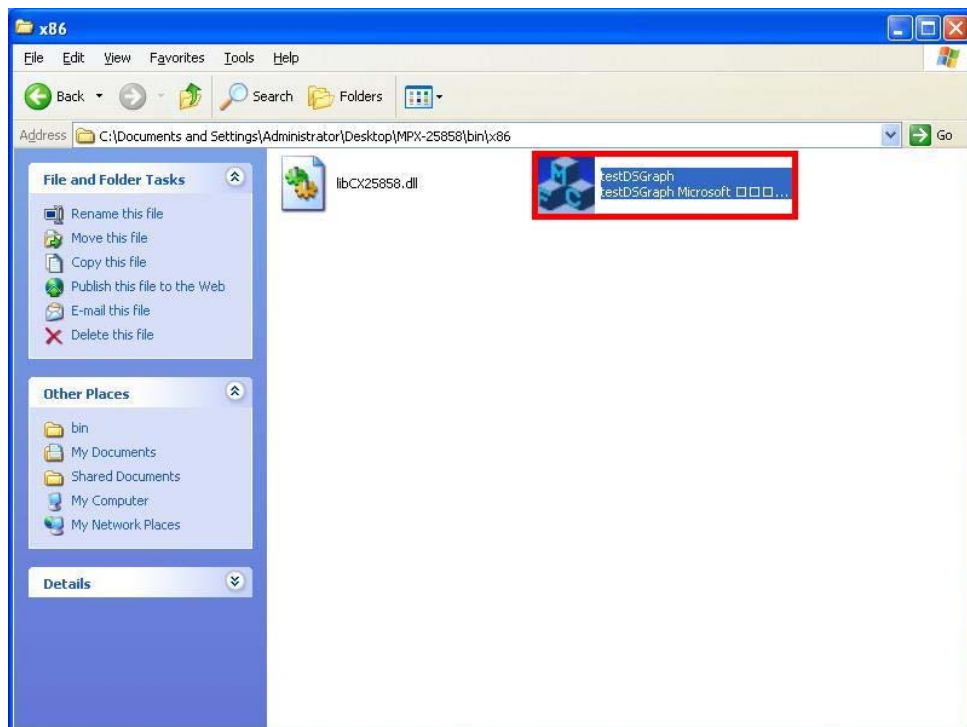


13. Computer Management



1.5 <Sample Program>

1. After driver install, please select
“C:\MPX-25858\bin\x86\testDSGraph”



2. Please select

Video Channel : 0~7, select Enable “√”

Audio Channel : CHA: 1 - 2

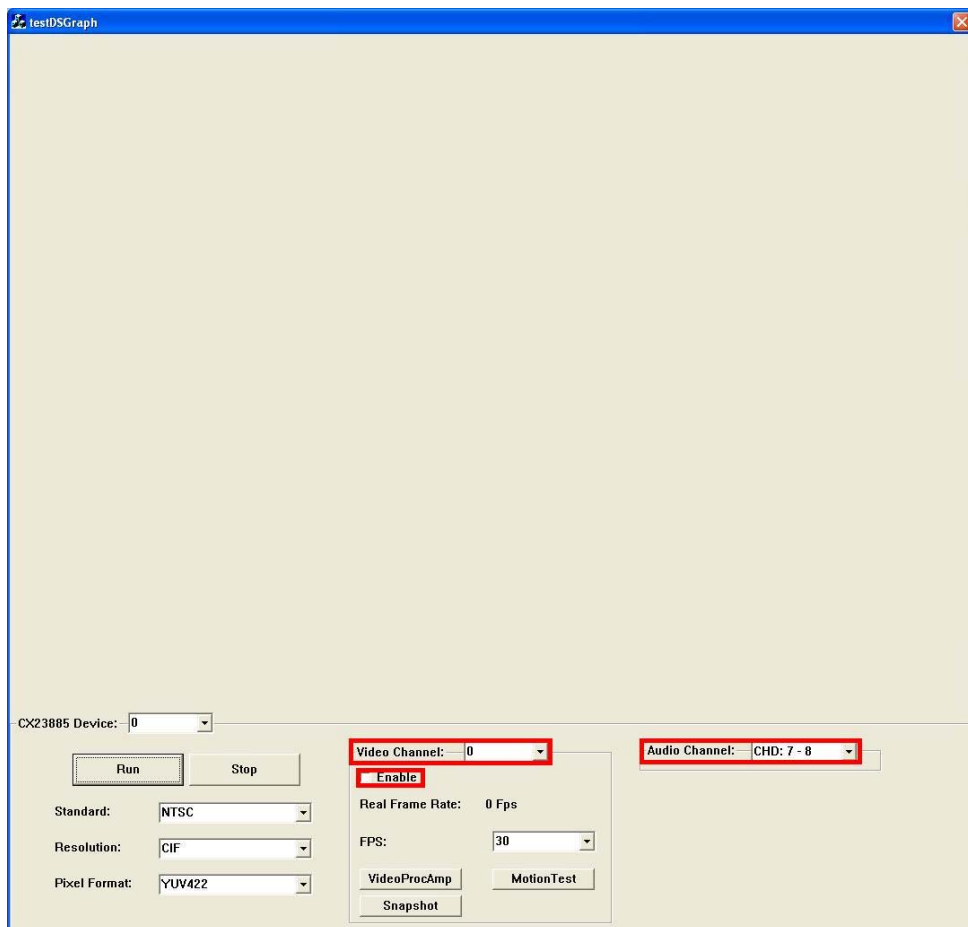
CHB: 3 - 4

CHC: 5 - 6

CHD: 7 – 8

Standart : NTSC or PAL

Resolution : D1 or CIF or QCIF



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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