

SP-601H

User's Manual

Edition 1.1

2009/08/24



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Packing List:

Hardware:

SP-601H PCI Capture Card x 1

Cable kit:

D-SUB 25 Cable x 1 (Optional)



16 Channel video inputs Cable x 1



16 Channel audio inputs Cable x 1 (Optional)



EMI (optional)

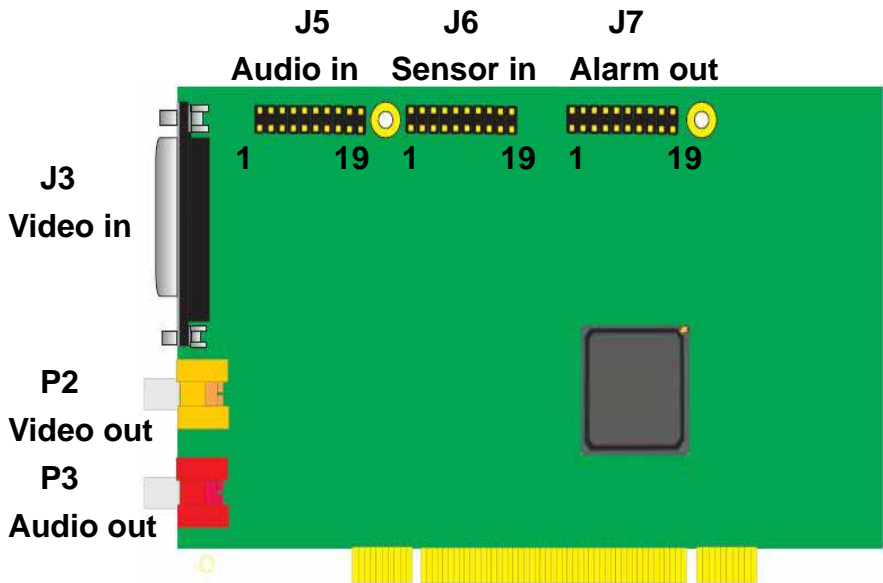
CD Content:

Drivers & User's Manual

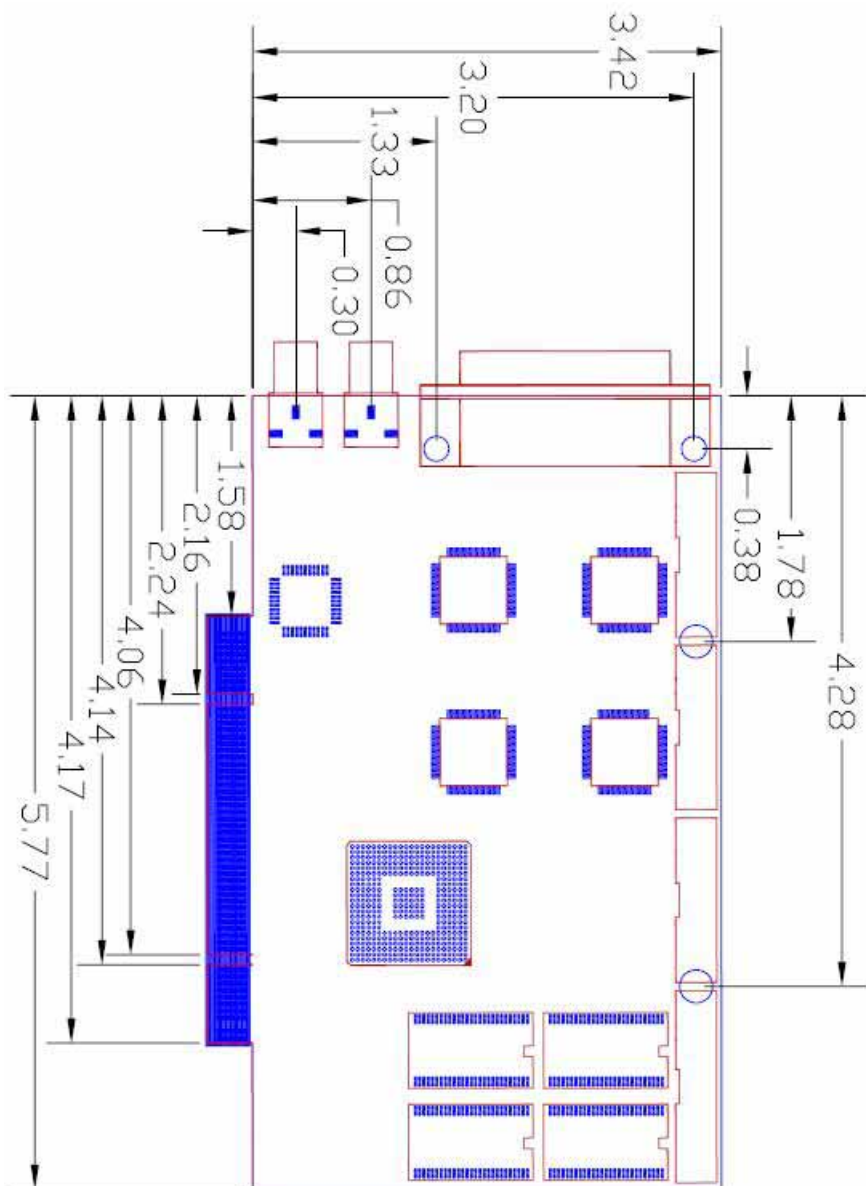
1.0 <Product Specification>

General Specification	
Form Factor	PCI Capture Card
Video Decode Chipset	Softlogic solo6010-16
Accessories	1 x 16 Channel video inputs Cable 1 x 16 Channel audio inputs Cable (optional) 1 x 20-pin header to D-SUB 25 Cable (optional)
Features	MPEG4 hardware compression Video Capture Card 16 Channel Video & Audio inputs MAX resolution: NTSC at 704*480 PAL at 704*576

1.1 <Component Placement>



1.2 <Mechanical Drawing>



1.3 <Connector Reference>

Connector: J5 (16 channel audio Input)

Type: 20-pin (10x2) header(2.54mm) X 1

Pin	Description	Pin	Description
1	Audio Input Ch 9	2	Audio Input Ch 1
3	Audio Input Ch 10	4	Audio Input Ch 2
5	Audio Input Ch 11	6	Audio Input Ch 3
7	Audio Input Ch 12	8	Audio Input Ch 4
9	Audio Input Ch 13	10	Audio Input Ch 5
11	Audio Input Ch 14	12	Audio Input Ch 6
13	Audio Input Ch 15	14	Audio Input Ch 7
15	Audio Input Ch 16	16	Audio Input Ch 8
17	N/C	18	N/C
19	GND	20	GND

Connector: J6 (16 channel Sensor Input)

Type: 20-pin (10x2) header(2.54mm) X 1

Pin	Description	Pin	Description
1	Sensor Input Ch 9	2	Sensor Input Ch 1
3	Sensor Input Ch 10	4	Sensor Input Ch 2
5	Sensor Input Ch 11	6	Sensor Input Ch 3
7	Sensor Input Ch 12	8	Sensor Input Ch 4
9	Sensor Input Ch 13	10	Sensor Input Ch 5
11	Sensor Input Ch 14	12	Sensor Input Ch 6
13	Sensor Input Ch 15	14	Sensor Input Ch 7
15	Sensor Input Ch 16	16	Sensor Input Ch 8
17	5V	18	3.3V
19	GND	20	GND

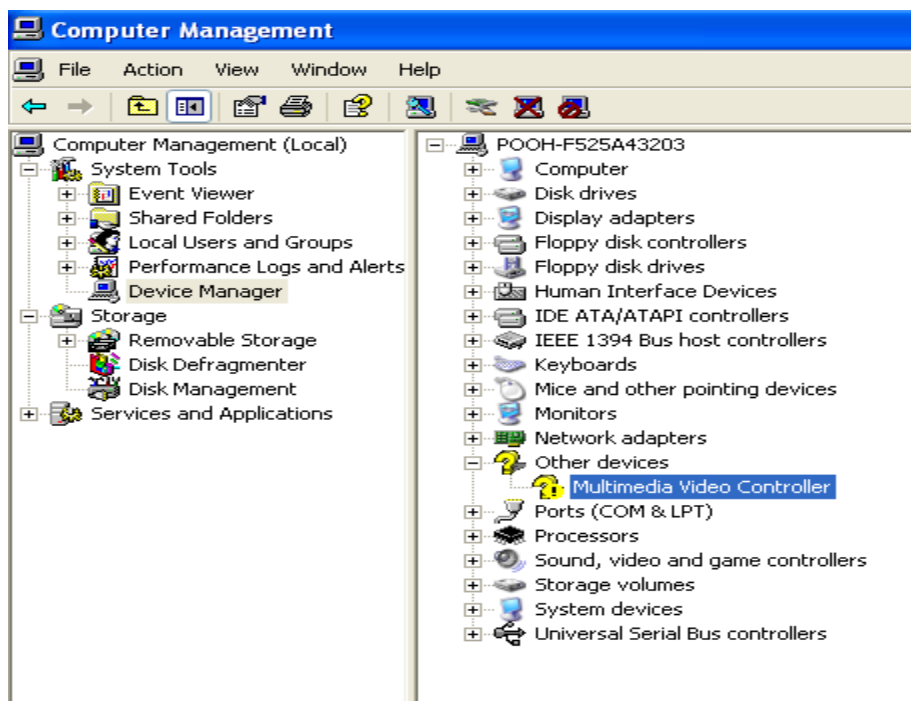
Connector: J7 (4 channel Alarm output)

Type: 20-pin (10x2) header(2.54mm) X 1

Pin	Description	Pin	Description
1	N/C	2	N/C
3	N/C	4	N/C
5	N/C	6	N/C
7	Alarm Ch 1	8	N/C
9	Alarm Ch 2	10	N/C
11	Alarm Ch 3	12	N/C
13	Alarm Ch 4	14	N/C
15	N/C	16	N/C
17	5V	18	3.3V
19	GND	20	GND

1.4 <Driver Setting>

1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ ...
2. Please choose **Device Manager** then you can see **other devices**

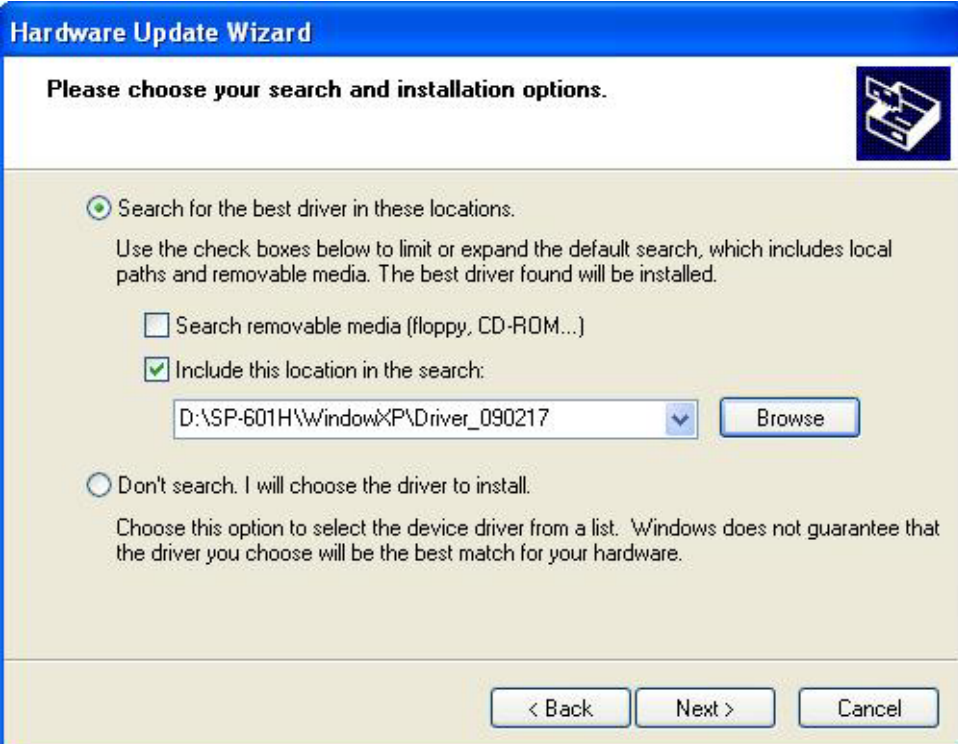


3. Please choose **Multimedia Controller** then press **advanced**



4. Please select file location

**D:\SP-601H\WindowXP
\Driver_090217**



The image shows a Windows XP-style dialog box titled "Hardware Update Wizard". The title bar is blue with white text. The main area has a light beige background. At the top, there's a blue header bar with the title "Hardware Update Wizard" in white. Below the header, the text "Please choose your search and installation options." is displayed in bold. To the right of this text is a small icon of a computer with a floppy disk. Below the text, there are two radio button options. The first option is selected, with a green arrow pointing to it. It says "Search for the best driver in these locations." followed by a paragraph: "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." Below this paragraph are two checkboxes. The first checkbox is unchecked and says "Search removable media (floppy, CD-ROM...)". The second checkbox is checked and says "Include this location in the search:". Below the second checkbox is a text box containing the path "D:\SP-601H\WindowXP\Driver_090217" and a dropdown arrow. To the right of the text box is a "Browse" button. Below the radio button options, the second option is "Don't search. I will choose the driver to install." followed by a paragraph: "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." At the bottom of the dialog box are three buttons: "< Back", "Next >", and "Cancel".

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:

D:\SP-601H\WindowXP\Driver_090217

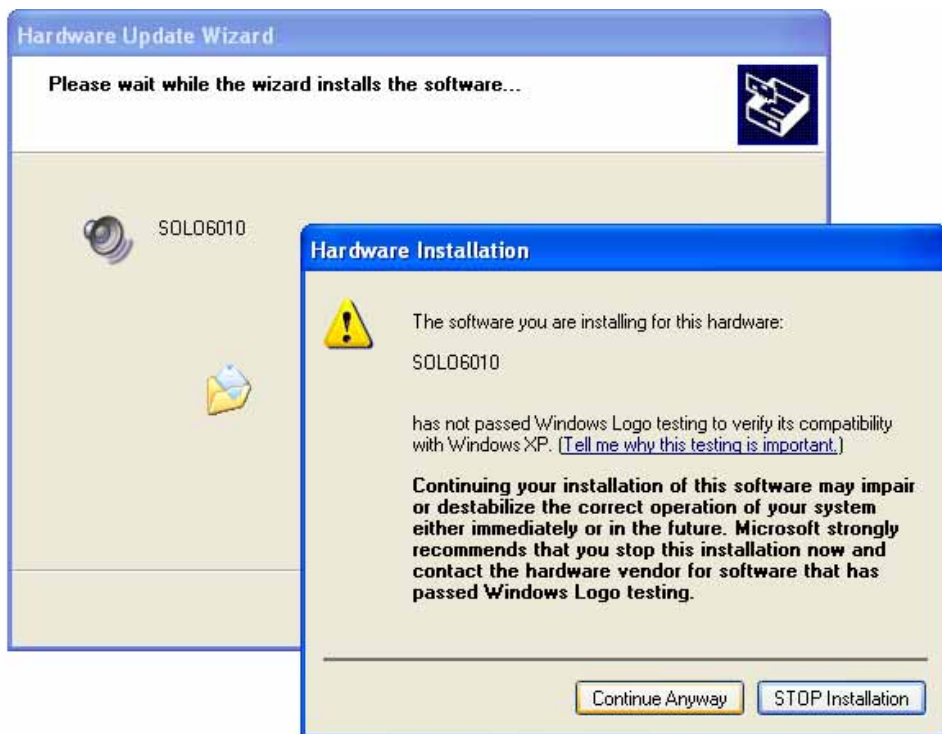
Browse

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

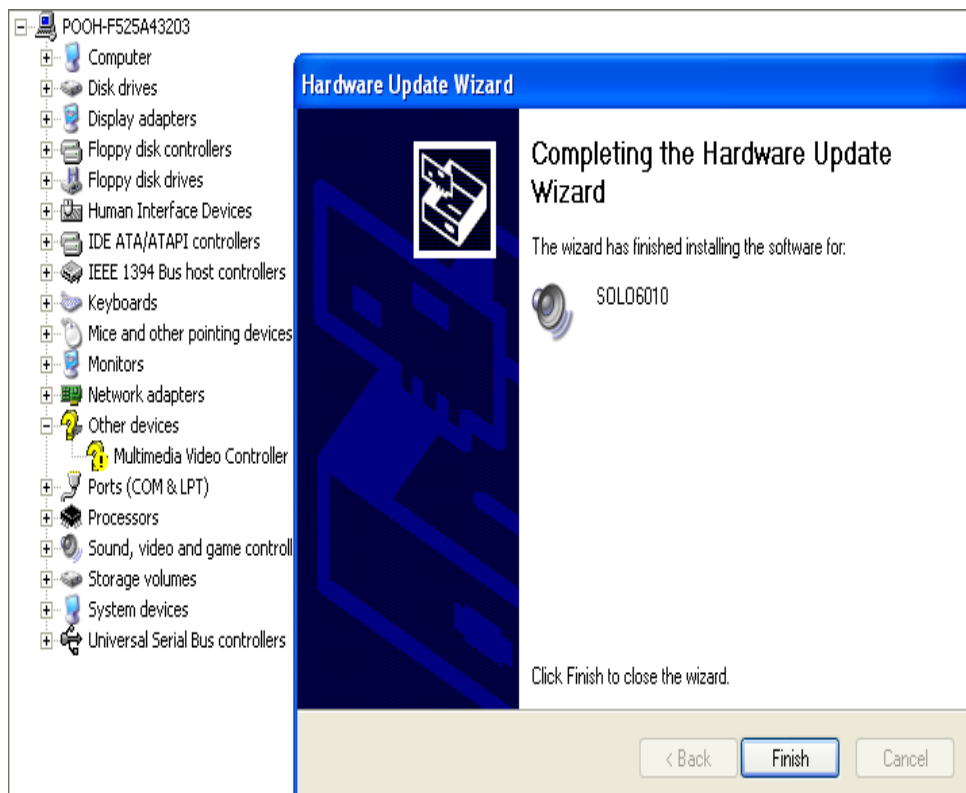
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

< Back Next > Cancel

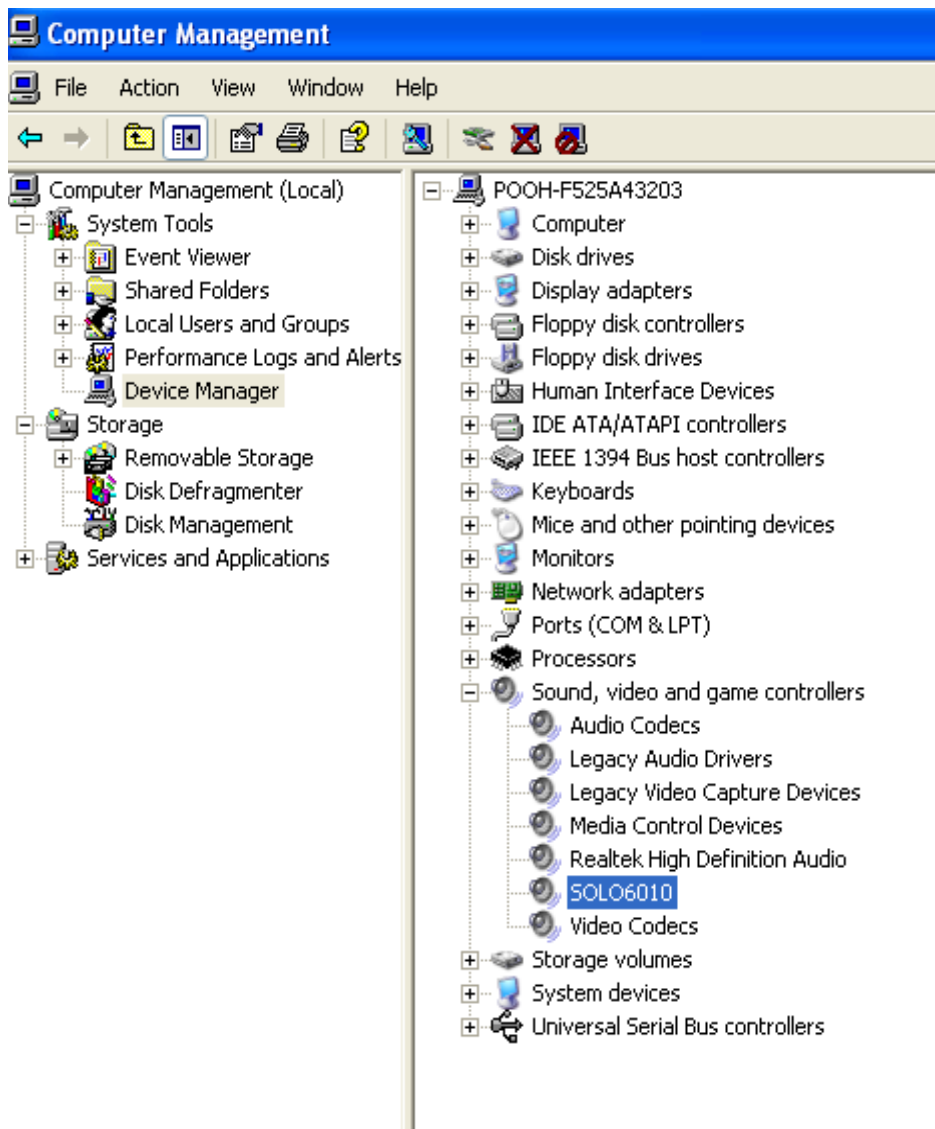
5. Please press **continue anyway**



6. Press Finish



7. Driver install succeed

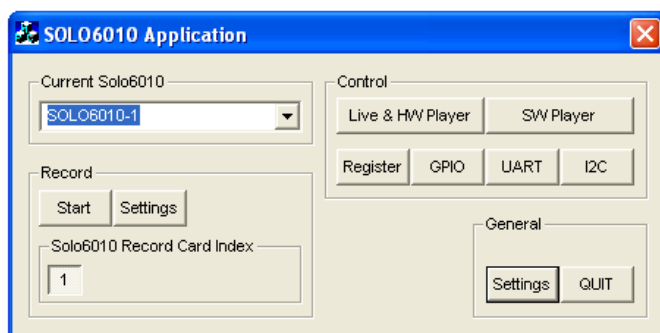
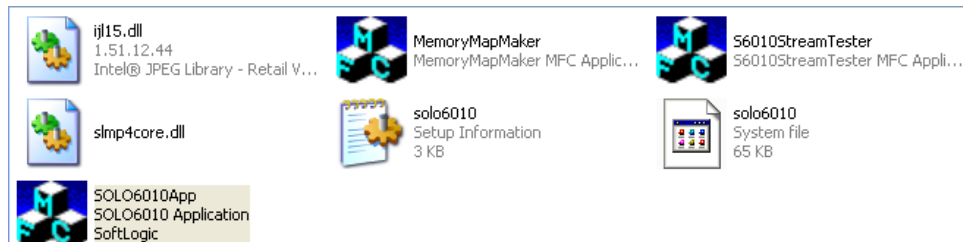


1.5 <Application Setting & Functions>

1. Please select SDK location

D:\SP-601H\WindowXP\SDK\bin

then press SOLO6010App



2. Press General Setting

Live Display Mode select

5. Memory to Overlay , 60 field/sec or

6. Memory to Overlay , 30 frame/sec

VGA Card select Intel Onboard VGA



3.Main Function

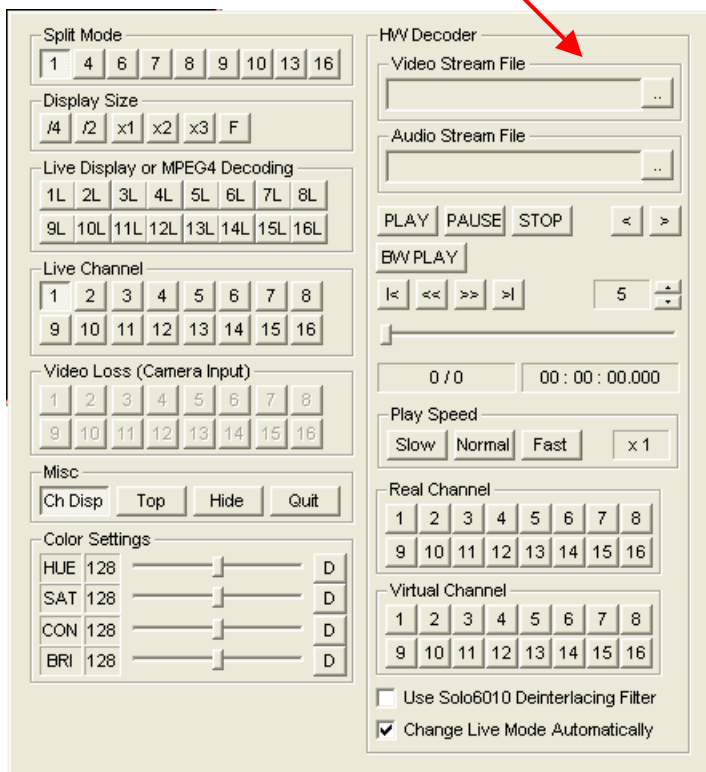
1. Live & HW player

The live display and hardware player can be tested using this function

Load file

video → xxx.MR4

audio → xxx.RG7

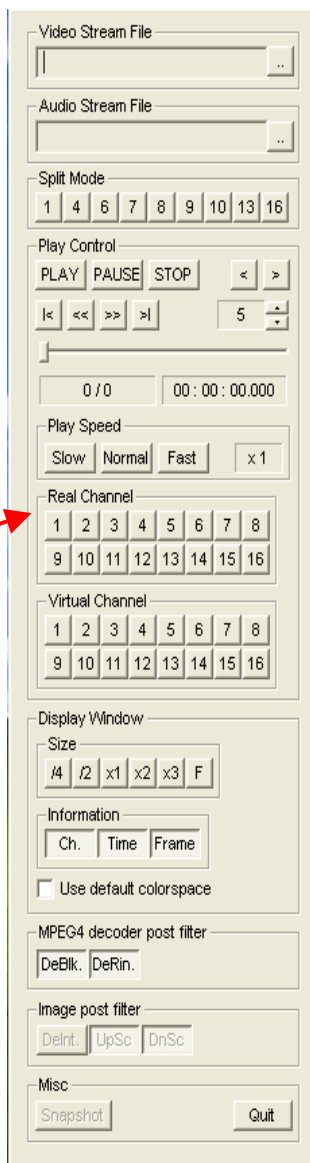


2. SW player

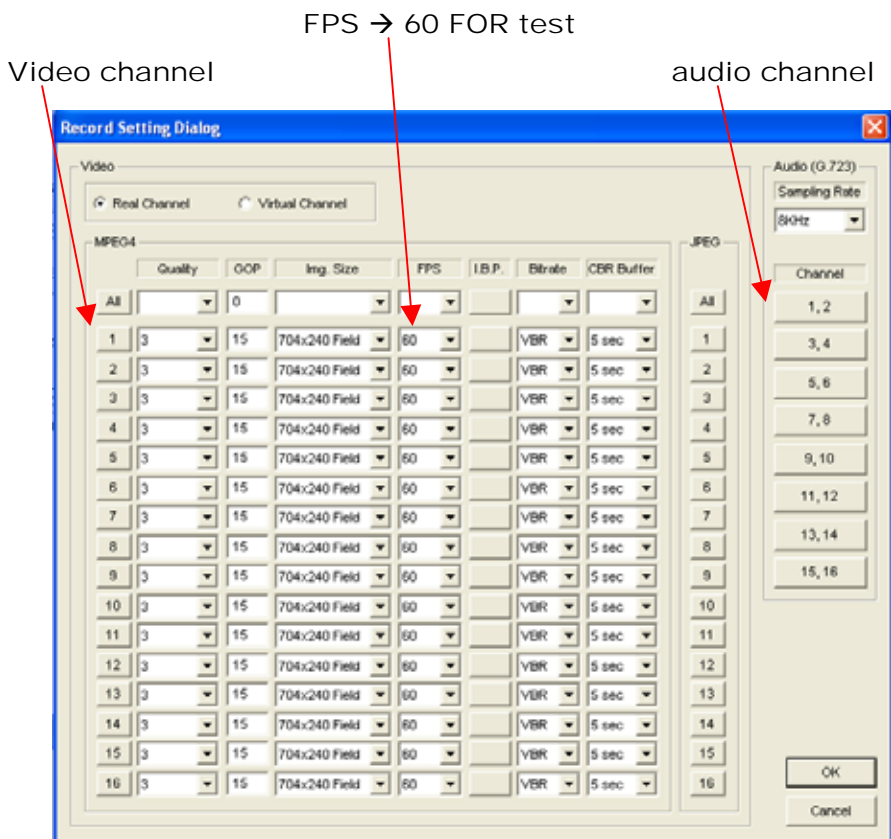
The recorded MPEG4 file can be played back using this function

Select audio channel

The audio played back only one channel



Record setting



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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