MP-60102

User's Manual

Edition 1.0 2010/03/23



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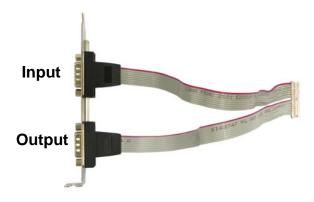
Packing List:

Hardware:

MP-60102 Mini-PCI Capture Card x1

Cable kit:

DF14 to dual D-SUB 9 Cable x 1 (OAL2DB9-H20)



4 Channel video and audio input Cable x 1 (OALDB9-BR4)



Video and Audio output Cable x 1 (OALAVE)

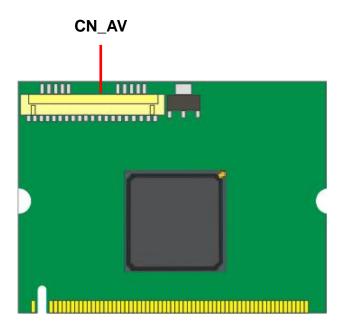


CD Content:

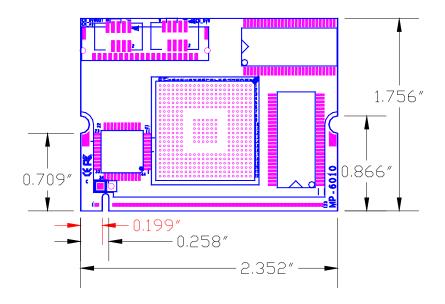
Drivers & User's Manual

.0 <product specification=""></product>									
General Specificati	General Specification								
Form Factor	Mini-PCI Type III B with 124-pin interface								
Video Decode Chipset	Softlogic solo6110-4								
Accessories	1 x DF14 to dual D-SUB 9 Cable								
	1 x 4 Channel video and audio input Cable								
	1 x video and audio output Cable								
Features	H.264 hardware compression Video Capture Card								
	4 Channel Video & Audio inputs								
	MAX resolution: NTSC at 704*480								
	PAL at 704*576								

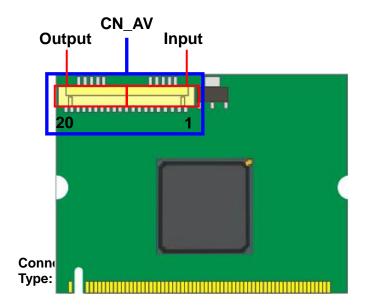
1.1 <Component Placement>



1.2 < Mechanical Drawing>



1.3 <Connector Reference>

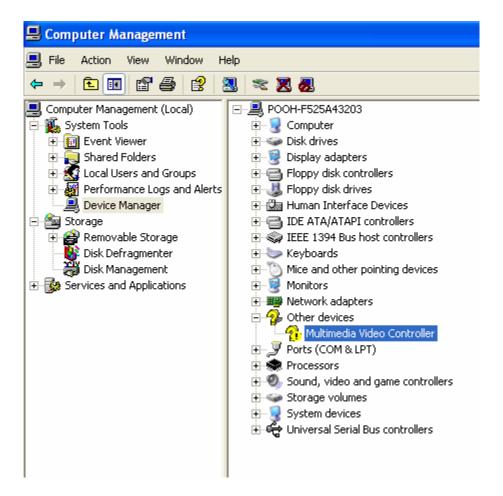


Pin	Description	Pin	Description
1	P_VI_CH1	11	OUTGND
2	P_VI_CH2	12	CVBS_OUTB
3	P_VI_CH3	13	OUTGND
4	P_VI_CH4	14	Y_OUTB
5	INGND	15	OUTGND
6	P_AI_CH1	16	C_OUTB
7	P_AI_CH2	17	OUTGND
8	P_AI_CH3	18	AUDIOL_OUT
9	P_AI_CH4	19	AUDIOR_OUT
10	INGND	20	OUTGND

1.4 <Driver Setting>

- 1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ ...
- 2. Please choose Device Manager

And then you can see other devices



3. Please choose Multimedia Controller and press advanced

Found New Hardware Wiza	ard
	This wizard helps you install software for: Multimedia Controller Multimedia Controller If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Multimedia Controller Multimedia Controller
	< Back Next > Cancel

4. Please select file location

D:\MP-60102\WindowXP\Driver

lardware 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 paths and removable media. The best driver found will be installed.	s local
Search removable media (floppy, CD-ROM)	
Include this location in the search:	
D:\MP-60102\windows XP\Driver V 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 gua the driver you choose will be the best match for your hardware.	arantee that
< Back Next >	Cancel

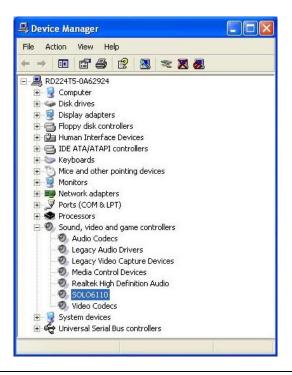
5. Please press continue anyway

Found New Hardware Wizard	
Please wait while the wizard installs the so	oftware
SOLOGIIO Hardwa	re Installation The software you are installing for this hardware: SOL06110 has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing. Continue Anyway

6. Press Finish

Found New Hardware Wiz	ard
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: SOL06110
	Click Finish to close the wizard.
	K Back Finish Cancel

7. Driver install succeed



1.5 < Application Setting & Functions>

1. Please select SDK location

D:\MP-60102\WindowXP\SDK

Then press SOLO6110App

Current SOLO6110 SOLO6110-1	Control	∿ Player	SW Player		
	Register	GPIO	UART	12C	
Record			General —	QUIT	

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

Split Mode	HW	Deco	der	2	_			
1 4 6 7 8 9 10 13 16	Vic	leo S	trea	m Fil	e —			
Display Size								k
14 12 x1 x2 x3 F	Au	dio S	trea	m Fil	e			
Live Display or H264 Decoding								
1L 2L 3L 4L 5L 6L 7L 8L								
9L 10L 11L 12L 13L 14L 15L 16L	PL,A	Y	PAU	SE	STC	P		<
Live Channel	<	<<	>>	>	1			5
	_				4			- 0
9 10 11 12 13 14 15 16	-							
3 10 11 12 13 14 13 10		0/	0		0	0:0	0:0	0.000
Video OSG	Pla	y Sp	eed	2				
ON OFF OSG Image Open	Slo	w	Nor	mal	Fa	st	[x 1
	Rea	al Ch	anne	el				
	1	2	3	4	5	6	7	8
	9	10	11	12	13	14	15	16
	Vir	tual (Chan	inel -				
Misc		tual (Chan 3	nel 4	5	6	7	8

3.Main Function

A. Live & HW player

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

	Load file
	video \rightarrow RH2_xxx.sl
	audio \rightarrow RG7_xxx.sl
	\sim
Split Mode	HW Decoder
1 4 6 7 8 9 10 13 16	Video Stream File
Display Size	
14 12 x1 x2 x3 F	Audio Stream File
Live Display or H264 Decoding	
1L 2L 3L 4L 5L 6L 7L 8L	PLAY PAUSE STOP < >
9L 10L 11L 12L 13L 14L 15L 16L	
Live Channel	
1 2 3 4 5 6 7 8	1
9 10 11 12 13 14 15 16	0/0 00:00:00.000
Video OSG	-Play Speed
ON OFF OSG Image Open	Slow Normal Fast × 1
	Real Channel
	1 2 3 4 5 6 7 8
	9 10 11 12 13 14 15 16
	Virtual Channel
Misc	1 2 3 4 5 6 7 8
Ch Disp Top Hide Quit	9 10 11 12 13 14 15 16

B. SW player

The recorded H.264 file can be played back using this function

	Video Stream File
	Audio Stream File
	Split Mode
	1 4 6 7 8 9 10 13 16
	Play Control
	PLAY PAUSE STOP < >
	K << >> > 5 ÷
	1
	0/0 00:00:00.000
	Play Speed
	Slow Normal Fast X1
	Real Channel
	12345678
Select audio channel	9 10 11 12 13 14 15 16
	Virtual Channel
The audio played back only one	1 2 3 4 5 6 7 8
ahannal	9 10 11 12 13 14 15 16
channel	
	Display Window
	Size
	14 12 x1 x2 x3 F
	Information
	Ch. Time Frame
	Misc
	Quit

Record setting

90 (chan	ne))									a	uaic) C	hanne
ord S	etting Dia	log													
ideo –														Hi.	Audio (G.72
🖗 Re	al Channel		сv	irtual Channel											Sampling R
H264											JPEG				8KHz
1	Quality		GOP	Img. Size	FP	s	Bitra	ate	CBR Bu	uffer		Qu	iality	1	Channe
All		•	0			-		•		•	All		•		1,2
1	10	•	15	704x480 Frame 💌	10	•	VBR	•	5 sec	•	1	2	•		3,4
2	10	•	15	704x480 Frame 🔻	10	•	VBR	•	5 sec	•	2	2	•		-
3	10	•	15	704x480 Frame 🔻	10	•	VBR	•	5 sec	•	3	2	•		5,6
4	10	-	15	704x480 Frame 🔻	10	-	VBR	•	5 sec	•	4	2	-		7,8
5	10	•	15	704x480 Frame 🔻	10	-	VBR	•	5 sec	•	5	2	•		9,10
6	10	•	15	704×480 Frame 🔻	10	•	VBR	•	5 sec	•	6	2	-		11,12
7	10	•	15	704×480 Frame 🔻	10	-	VBR	•	5 sec	•	7	2	•		
8	10	•	15	704x480 Frame 🔻	10	*	VBR	•	5 sec	•	8	2	•		13,14
9	10	•	15	704×480 Frame 🔻	10	-	VBR	•	5 sec	•	9	2	•		15, 16
10	10	-	15	704x480 Frame 🔻	10	•	VBR	•	5 sec	•	10	2	•		
11	10	•	15	704×480 Frame 🔻	10	•	VBR	•	5 sec	•	11	2	-		
12	10	•	15	704×480 Frame 🔻	10	•	VBR	•	5 sec	•	12	2	•		
13	10	•	15	704×480 Frame 🔻	10	•	VBR	•	5 sec	•	13	2	*		
14	10	•	15	704×480 Frame 💌	10	•	VBR	•	5 sec	•	14	2	•		
15	10	•	15	704×480 Frame 🔻	10	•	VBR	•	5 sec	•	15	2	•		
16	10	•	15	704×480 Frame 🔻	10	•	VBR	•	5 sec	-	16	2	•		ок

FPS \rightarrow 60 FOR test

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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