

314 Quick Start for Windows XP

## **314 Quick Start for Windows XP**

- 1) Download or copy the SDK-314-WIN-MmYyyy.zip to a folder you desire.
- 2) Keep the Model 314 physically not installed in your stack.
- 3) From the extracted SDK-314-WIN-MmYyyy.zip directory, select the executable program ".\cd\314Setup.exe".



4) Follow the instructions to install the SDK and FFdshow.

5) Once the SDK-314-WIN installation is complete, shutdown the XP and turn the stack power off.

6) Plug the 314 module into your stack and power the stack on. **Note:** before plugging the 314 module into the stack, make sure that the jumper settings (SW1 and SW2) of the 314 are correct. Refer to the "Model 314 Manual" for the instructions on how to set the SW1/SW2 jumpers and select proper slot# and INT#.

7) When the "Found New Hardware Wizard" comes up, choose "No, not this time"; Then, click "Next".

Found New Hardware Wizard				
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software?			
	<ul> <li>Yes, now and givery time I connect a device</li> <li>No. not this time</li> </ul>			
	< Back Next > Cancel			

8) Choose "Install from a list or specific location (Advanced)" and then click "Next".



9) Choose "Don't search, I'll choose the driver to install". Then click "Next".

Found New Hardware Wizard
Please choose your search and installation options.
O 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:\ 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.
< <u>B</u> ack <u>N</u> ext > Cancel

10) Leave default highlighted "Show All Devices" and then click "Next".

Found New Hardware Wizard	
Hardware Type.	
Select a hardware type, and then click Next. Common <u>hardware types:</u>	
Show All Devices Show All Devices Show All Device Device Show All Device Class AVC Device Class Shuetooth Radios Shuetooth Radios Computer Shuetooth Radios Disk drives Disk drives Disk drives	
< <u>B</u> ack <u>N</u> ext >	Cancel

11) Choose "Have Disk".

Found New Hardware Wizard	
Select the device driver you	want to install for this hardware.
Select the manufacturer and have a disk that contains the	d model of your hardware device and then click Next. If you e driver you want to install, click Have Disk.
Manufacturer (Standard CD-ROM drives) (Standard IDE ATA/ATAPI cor (Standard keyboards) (Standard system devices) This driver is digitally signed. Tell me why driver signing is imp	Model CD-ROM Drive (force CDDA accurate) CD-ROM Drive (force CDDA inaccurate) CD-ROM Drive (force IMAPI disable) CD-ROM Drive (IMAPI settings 0,1) Lave Disk <u>Have Disk</u>
	< <u>B</u> ack <u>N</u> ext > Cancel

12) The "Install From Disk" window pops up.

Install F	rom Disk
J	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.
	Copy manufacturer's files from:           Image: Second sec

13) "Browse" from "C:\Program Files\Sensoray\314\driver"; select the "s314.inf" to install the 314 Windows driver. Then, click "Open".

Locate File						? 🛛
Look jn: My Recent Documents Desktop My Documents	Control driver My Recent Doc Desktop My Documeni My Computer Control Disk Control D	suments ts (C:) Files ay /er D:) D:) cuments ents Places	3		୭	
My Network	File <u>n</u> ame: Files of <u>type</u> :	s314.inf Setup Information (*.inf)		•	<b>*</b>	 Cancel

14) Click "OK".

Install F	rom Disk	
-	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from: C:\Program Files\Sensoray\314\driver	Browse

15) "Sensoray 314 A/V Capture" compatible hardware shows up with highlight; Click "Next".

Found New Hardware Wizard			
Select the device driver you want to inst	all for this hardware.		
Select the manufacturer and model of you have a disk that contains the driver you w	r hardware device and then click Next. If you ant to install, click Have Disk.		
Model			
Sensoray 314 A/V Capture			
This driver is not digitally signed! Tell me why driver signing is important	<u>H</u> ave Disk		
	< <u>B</u> ack Next > Cancel		

16) Click "Continue Anyway".

Hardwar	re Installation
<u>.</u>	The software you are installing for this hardware: Sensoray 314 A/V Capture 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 STOP Installation

17 When the driver installation is finished, click "Finish" to close the Wizard.

Found New Hardware Wizard			
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: Sensoray 314 A/V Capture		
	< <u>B</u> ack <b>Finish</b> Cancel		

- 18) You will see "Your new hardware is installed and ready to use".
- 19) Navigate from the "Start | Control Panel | Systems".

System Properties	? 🛛
System Restore Automatic Updates General Computer Name Hardware	Remote Advanced
Device Manager           The Device Manager lists all the hardware devices on your computer. Use the Device Manager to chaproperties of any device.           Device Marager	s installed ange the nager
Drivers Driver Signing lets you make sure that installed driv compatible with Windows. Windows Update lets you how Windows connects to Windows Update for dr Driver Signing Windows Up	vers are ou set up rivers. pdate
Hardware Profiles Hardware profiles provide a way for you to set up a different hardware configurations.	and store
Hardware P	rofiles
OK Cancel	Apply

20) Open the "Device Manager" from the "Hardware" tab; Expand "Sound, video and game controllers", you should see "Sensoray 314 A/V Capture" is in this category.



21) Close all windows.

22) Run the "314 Demo Application" from "Start | All Programs | Sensoray 314 SDK | 314 Demo Application". The following window will open:

🖧 314 Demo Application		
Compression Settings       Input       Resolution         Bitrate       2000000       C       D1         C       MPEG1       C       MPEG2       C       PAL       C       NTSC         C       MPEG4       C       MJPEG       Status       Stopped         Board       Number       D       Imput       Status       Stopped	CIF C QCIF SIF SIF Render Settings mute audio(pc) display video raw preview RGB	Levels Brightness Contrast Saturation Hue Audio Settings
Preview           Start         Stop           Record         Start         Stop		Playback Video <u>Stop</u> Slow FFWD 1x Select File
Select File c:\test.avi		C:\test.avi
Start     Stop       YUV(YUY2)     RGB32       Snapshots       Enable Snapshots       Snapshot File       c:\testsnapshot	Motion Detection MD Stopped Show Regions I Show Map	Overlay Test Start Stop Region Stats Reset 1 0
GetMpeg	Start Stop Configure	2 0 3 0 <u>E</u> xit

23) You can change parameters or settings in the window, or stay with the default parameters and settings.

24) Click "Start" from the "Preview" section, to preview the live-video from your video source. The video is based on raw video capture.



25) Click "Stop" in the "Preview" section, to stop the raw-live-video preview.

26) Click "Select File" in the "Record" section, to specify a file name in a desired location; then click "Start" in the "Record" section to start recording/capturing compressed MPEG video.



27) Click "Stop" in the "Record" section, to stop the recording.

🐝 314 Demo Application	
Compression Settings       Input       Resolution       Render Settings         Bitrate 2000000       Source Composite 0        O D1 C CIF C QCIF       Imput output	Levels       Brightness       Contrast       Saturation       Hue       Audio Settings       Image: Setting setti
Number     O       Preview       Start       Start       Stop	Playback Video <u>Start</u> Pause Stop Slow FFWD 1x Refresh
Start Stop Select File c:\test.avi	Select File c:\test.avi
Snapshot Stream       Start       Start       Stop	314 On Demo On Update Clear
Snapshots       Image: Enable Snapshots       Snapshot File       C:\testsnapshot       Video Frame Buffer( partial first 5 lines)	Start     Stop       Region Stats     Reset       1     0
GetBuffer Start Stop Configure	2 0 3 0 <u>E</u> xit

28) Browse in the folder to find your recorded file. For example, c:\test.avi, the default used in demo. Open the file using Windows Media Player, to play back the recorded MPEG video.

29) Or, go back to the "314 Demo Application" window. From "Select File" in the "Playback video" section, to retrieve the recorded MPEG video file (for example, c:\test.avi), then click "Start" in the "Playback video" section to play back the MPEG video you just recorded.



- 30) Click "Stop" in the "Playback video" section, to stop the playback.
- 31) Select "Exit" to close the "314 Demo Application" program.