

MobileCap 124 Installation Manual

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1 Introduction

This document describes how to install the **WinCan MobileCap 124 device** on a Windows computer.



2 System Requirements

- Laptop/PC with at least 3 USB ports
- Windows XP Pro, SP3 (32 OR 64 bit); Windows 7 Pro, SP1 (32 OR 64 bit); Windows 8 Pro (32 OR 64 bit) with all the official updates from Microsoft installed.
- Windows Media Player 11
- DirectX, version 9c or higher
- WinCan8 (version 8.30.0.1700 or higher)
- License for MPEG recording (MPEG1, MPEG2 or MPEG4)

3 Preparing the Installation

Mind the following issues prior to the installation:

- Make sure that you are logged in as system administrator (see documentation WinCan8_Download_Installation, p. 3)!
- The MobileCap124 device must NOT yet been connected to the Laptop/PC.
- Old driver versions have to be uninstalled before installing a new one: open the Control Panel, check the following entries, remove them and restart your PC:



- The screen saver must be switched off
- All the power options must be switch off via the **Control Panel**; set the entries for the two items *Turn off monitor/hard disk* and *system standby* to NEVER!

4 Driver Installation

Make sure that the MobileCap124 device is NOT connected to your PC. Doubleclick on the installation file *WinCanMobileCap124_x32_x64_Setup.exe*:



WinCanMobileCap124_x32_x64_Setup.exe Application ...must be downloaded from <u>www.win-</u> <u>can.com/support</u> (link *Downloads*)

Follow the steps given by the wizard and click on the button NEXT:





Enter your *User Name* as well as the *Name* of your *Company* and click on the button NEXT to confirm your entries:

WinCan MobileCap124 (32 an	d 64 bit) - InstallShi	eld Wizard		
Customer Information Please enter your information.				always ahead
10	Please enter your nam	e and the name of the	company for which you w	ork.
	<u>U</u> ser Name:			
	support			
	<u>C</u> ompany Name:			
	cdlab			
CUX5				
Para la compañía de				
\ge n				
InstallShield		< <u>B</u> ack	<u>N</u> ext >	Cancel

The installation folder C: Program Files is suggested per default. You may just accept this setting:

WinCan MobileCap124 (32 and 64 bit)	- InstallShield Wizard	
Choose Destination Location Select folder where setup will install files.		always ahead
	Install WinCan MobileCap124 (32 and 64 bit) to: C:\Program Files\	<u>C</u> hange
	< Back	Cancel

Finally click on the button NEXT...

... and the installation process starts immediately:



The driver installation is automatically followed by the installation of the *FDDShow* filter after a few seconds:

4.1 FFDShow installation

The FFDShow - Decoder allows the video data recorded with the MobileCap device to be displayed. Select the language and click OK:



Click on the button NEXT to set all the parameters needed for the FFDShow installation:



Accept the destination folder automatically suggested by the wizard and click on the button NEXT to continue:

🕼 Setup - ffdshow
Select Destination Location Where should ffdshow be installed?
Setup will install ffdshow into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\ffdshow Browse
At least 12.1 MR of free disk group is you incl
At least 13.1 MB of free disk space is required.
< <u>Back</u> <u>Next</u> Cancel

Accept the settings in the dialogue box below and click on the button NEXT:

1 Setup - ffdshow		
Select Components Which components should be installed?	Q	
Select the components you want to install; clear the components you do n install. Click Next when you are ready to continue.	ot want to	
Ifdshow DirectShow filter	12.0 MB	
	0.1 MB	
- AviSynth scripts serving	0.2 MB	
Application plugins:		
- AviSynth	0.1 MB	
VirtualDub	0.1 MB	
See DScaler	0.1 MB	
]
Current selection requires at least 13.1 MB of disk space.	7	
< <u>B</u> ack <u>N</u> ext >	Canc	el

Accept the settings in the dialogue box below and click on the button NEXT

👘 Setup - ffdshow 📃	
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the following Start Menu folder.	
To continue, click Next. If you would like to select a different folder, click Browse.)
🗌 Don't create a Start Menu folder	
	:el

The following step is the **most important** one. MPEG1 and MPEG2 must be activated **manually** as shown below before you hit the button NEXT:



All the parameters are set now and FFD-show can finally be installed:

18 Setup - ffdshow	
Ready to Install Setup is now ready to begin installing ffdshow on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: C:\Program Files\ffdshow Setup type: Normal Selected components: ffdshow DirectShow filter VFW interface Start Menu folder: ffdshow	
< <u>Back</u> Instal	Cancel

Wait until the installation has been completed:



Click on the button FINISH to to terminate the FFDShow installation process:



Finally click on the button FINISH to terminate the MobileCap installation process:



5 Driver Configuration (Windows XP)

Now connect the MobileCap124 device to your PC/notebook choosing a free USB port:



IMPORTANT:

When **reinstalling** the driver always plug the MobileCap124 into a **new** USB port that has not yet been used by the device before!

Select the option *No, not this time* and 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). <u>Read our privacy policy</u>			
	Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and <u>e</u> very time I connect a device No, not this time			
	Click Next to continue.			

The name of the 1st driver component is displayed in the dialogue below:

Found New Hardware Wize	ard	
	This wizard helps you install software for: Sensoray 2250 EZLOADER 2 If your hardware came with an installation CD or floppy disk, insert it now.	
	Install the software automatically (Recommended) Install from a list or specific location (Advanced)	You must select this option!
	Click Next to continue.	

Browse for the corresponding driver directory as shown below and click OK



Wait for the next step of the driver installation. Select the option *No, not this time* and then click *Next:*



The name of the 2nd driver component is displayed in the dialogue below:

Found New Hardware Wize	ard	
	This wizard helps you install software for: Sensoray 2250 A/V Capture	
	If your hardware came with an installation CD or floppy disk, insert it now.	
	What do you want the wizard to do?	
	 Install the software automatically (Recommended) Install from a list or specific location (Advanced) 	You must select this option!
	Click Next to continue.	
	< <u>B</u> ack <u>N</u> ext Cancel	

Browse for the corresponding driver directory as shown below and click OK



Click on the button FINISH and restart your PC.

6 Driver Configuration (Windows 7, Windows 8)

Windows 7 and **Windows 8** do NOT automatically recognize the device. So open the device manager, right click on the entry **Unknown device** and select the command *Update Driver Software*:



Click on the button *Browse* to indicate the folder path the configuration files must be taken from: *C*:*Program Files**MobileCap124**Driver_X32_X64**X32 (or ...**X64 for 64bit operating systems!*):

G	Update Driver Software - Unknown Device
	Browse for driver software on your computer
	Search for driver software in this location: C:\Program Files\MobileCap124\Driver\XP_VISTA_32 Browse Image: The subfolders
	Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
	Next Cancel

🔞 Wi	ndows Security		
\bigotimes	Windows can't verify the	publisher of this driver software	
	Don't install this driv. You should check your ma for your device.	er software nufacturer's website for updated driver software	
	 Install this driver soft Only install driver software disc. Unsigned software fro 	ware anyway obtained from your manufacturer's website or m other sources may harm your computer or steal	
	information.		
01	Update Driver Software - Sensoray 2250 EZLO	ADER 2	
W	/indows has successfully updated y	our driver software	
w	indows has finished installing the driver softw	re for this device:	
4	Sensoray 2250 EZLOADER 2	1st driver component	

Repeat the steps above until both driver components have been installed:



Click on the button FINISH and restart your PC.

Open the device manager and check if the device has been registered correctly as **Sensoray 2250 A/V Capture** in the category *Sound, Video and Game Controllers* as shown below:



7 Test of the MobileCap device

Restart your PC immediately after installation and run the test application provided by SENSORAY to test the functionality of the MobileCap device (i.e. displaying and recording) The application named as *app-2250-demo* is put directly on your desktop during the installation:



To get a picture displayed on the screen of the testing application select the menu command *Tools*, *Options* and check the video settings that are highlighted below:



Click on the icon **I** in the symbol bar to display the LiveVideo image.

S Untitled - app-2250-demo	_ _ X
Session Actions Tools View Help	
🖸 🖙 🖬 🐰 🗈 📾 😵 🜗 🔳 🕨 💷 Board 0	

8 Configuration in WinCan8

Start WinCan8 and open a new or an existing project. Open the *Video Settings* dialogue in WinCan8:



s	
VVinCan Mobile	Select Device Type and Device
WinCan Mobile Cap 124	Name as shown here.
Composite	
n/a 📉	
PAL	
720 × 576 •	
n/a 🗾	ET
[]]	
[25]	
[355]	
🔽 Has Audio	
MPEG1	
High	
n/a 💌	
JPG 👻	
200	
1.13	
- Automatically start live	
video	
Show Clip After Record	
	VWinCan Mobile WinCan Mobile Cap 124 Composite \/a PAL. 720 x 576 n/a PAL. 720 x 576 n/a WinCan Mobile Cap 124 Image: Composite n/a Image: Composite Image: Compo

9 Troubleshooting

In case of any error messages (specifically referring to the device) that can appear during device selection OR displaying and recording of the LiveVideo stream you may strike the RESET button in the *Video Settings* panel (p. 17).

Follow the steps described below if the problem still persists:

- Make sure that you are logged in as **system administrator** when working on PCs running with **Windows 7 or Windows 8**!
- Uninstall the WinCan MobileCap124 in the **device manager.**
- Unplug the device from the USB Port.
- Uninstall FFDShow (START, Control Panel, Add/Remove Software).
- Uninstall WinCanMobileCap124 (START, Control Panel, Add/Remove Software).
- REBOOT your PC.
- REINSTALL the MobileCap driver (pages 4-19).
- Plug the MobileCap into a NEW USB port (IMPORTANT: Never use the same USB Port as before!!!).
- Continue the driver installation via the hardware wizard (pages 10-13).
- Reboot the PC and check the functionality of the device with the test application *app-2250-demo* (p. 16).

9.1 Freezing live video signal

Modify the energy options in the Windows Control Panel as shown below to prevent frequent freezing of the live video signal in WinCan:

	🦻 Power Options	? ×
Control Panel All Control Panel Items Power Options Edit Plan Settings	Advanced settings Select the power plan that you want to customize, an then choose settings that reflect how you want your computer to manage power.	d
Change settings for the plan: High performance	High performance [Active]	
Choose the sleep and display settings that you want your computer to use.	 Desktop background settings Wireless Adapter Settings 	
Iurn off the display: Never	H Sleep USB settings	
Put the computer to sleep: Never	USB selective suspend setting Setting: Disabled	
N	PCI Express	
Changes advanced service actificate	Processor power management	
Restore default settings for this plan	Multimedia settings	<u> </u>
	<u>R</u> estore plan defaults	
	OK Cancel A	oply

9.2 Different user profiles

When using different user profiles on the same computer you will have to uninstall (p. 3) and reinstall (p. 6-9) the filter **FFDShow for each user**.

As you have already installed the driver you are able to run the FFDShow installation package directly from the folder *C*:*Program Files**MobileCap124**DemoApp*\:

