Multiformat Video to USB HD Capture Box - ID# 15200



Operation Manual



Introduction	The Multi Format Video to USB HD Capture Box is High Definition capture box supports HDMI 1080p video/component/SV/CVinput and record to H.264 video format. Its low power consumption and superior video processing capabilities make it ideal for integration into high- end portable and desk top PC products
System Requirement	 In order to run the application smoothly, please refer to the following hardware recommendation. System Hardware Requirements: 2.4 GHz single core CPU with at least 1GB RAM for optimal performance
	 Operating Systems: Windows 2K SP4 Windows XP Home or Professional 32 bits SP2 Windows Vista 32 bits Windows 7 32 bits USB Port Extension: An available USB 2.0 port with USB to mini USB cable
Features	 FullHD capture HDMI/COMP/SV/CV to USB H.264/MPEG4-AVC High Definition encoder Video input supports: 1920 x 1080i/p, 1280 x 720p, 576i/p, 720 x 480i/p Supports MPEG-4 Advanced Audio Coding (AAC) 48 KHz audio sampling frequencies It use USB bus power for low power consumption
Applications	 Displaying HD signal on PC or NB's monitor



Operation Controls and Functions **Front Panel**



1. COMP/SV/CV IN

This slot is to connect with Composite video/S-Video/Component video input source equipment such as Set-Top-Box or DVD with 8 pins cable.

2. HDMI IN

This slot is where you plug your input source equipment with HDMI cable for input signal sending.

3. AUDIO IN

This slot is to connect with audio input source equipment such as DVD with 3.5mm audio cable



Back Panel

1. **USB**

This slot is where you plug the mini USB cable and connect it to the PC/NB for data upstream and power.

2. Power LED

This LED will illuminate when the device is connected.

Installation

The following sections list the procedures to follow when installing the HDMI/COMP/SV/CV to USB Full HD Capture. Please follow the step accordingly to launch the installation successfully.



Hardware Installation

Connect the HDMI to USB Full HD Capture to NB/PC with mini USB to USB type A cable and the LED will illuminate in green with a Found New Hardware message from NB/PC desk screen



A Wizard dialogue will appear, click" Yes", and click "Next" to continue the installation

Found New Hardware Wiz	ard
	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 every time I connect a device No, not this time
	Click Next to continue.
	< Back Next > Cancel

Insert the CD driver included in the package now and tick on "Install the software automatically" then click "Next".





Another dialogue will appear as below. Tick "Search" and click on "Next" to continuing the installation.

ase choose your search and installation options.	2
 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	
O 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 to the driver you choose will be the best match for your hardware.	hat
< Back Next > Cancel	

Allowing the Wizard to search and find the proper installation file for a while and click "Finish" to complete the installation.



Software Installationon

Download "DivXInstaller.exe" from the website: <u>http://www.divx.com/</u>en/software/divx-plus and click on the "FREE DOWNLOAD" to install it. Run and click the "AUTORUN.EXE" in your CD root directory and click on PL 330 to install.



The setup dialogue of PL330 will appear, click "Next" to continue the setup.





Allowing the setup to process for few moments and select a destination location for saving the PL 330's folder. Users are free to set the destination location and it is recommended to save it under the easy finding place.



🗊 Setup - Cypress PL330
Select Destination Location Where should Cypress PL330 be installed?
Setup will install Cypress PL330 into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Cypress PL330 Browse
At least 18.9 MB of free disk space is required.
K K K K K K K K K K K K K K K K K K K

Click "Install" to confirm the installation.

😼 Setup - Cypress PL330	
Ready to Install Setup is now ready to begin installing Cypress PL330 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:\Cypress PL330	
Start Menu folder: Cypress PL330	
	~
< Back Install C	Cancel



Click "Finish" again to complete the PL330's installation.



Then click on Exit to finish the installation.



CypressPL330 H264_Codec Browse Exit

Cypress PL330's icon should appear on the desk



Double click on the Cypress PL330 to set the configuration of HDMI to USB FullHD Capture.





Select CUSB-603 and click on "OK".

🖀 TV Card Model Con	figuration			
Model Name	CUSB-603		•	ОК
Parameters	HKey Company Product Function Software DsSection DsTVAudio DsTVTuner DsCrossBar DsVideoSrc DefVSource	: PL330U : Sigma Designs : PL330USB : AV Only : WinAV Encoder CYPL330B : PL330USB : Sigma Designs USB TVAudiu : Sigma Designs USB TVTune : Sigma Designs USB Crossb : Sigma Designs USB Device : Nothing		Cancel Refresh
	AudioProcessor AgpioStart AgpioEnd	: 0000 1342 : 0000 1342 : 0000 0000	~	

Select your AV system of NTSC or PAL, language and Video type then click on "OK"

🔚 AV Capture Configurat	ion	
VideoFormat	(NTSC)	ОК
Language	English 💌	Cancel
Video	HDMI	

A DVR player will appear on the screen





DVR Panel's Functions



1 Power

Click this button to exit the application.

2 Minimize

Click this button to minimize the control panel.

3 Record

Click this button to save the video file.

4 Play

Click this button to play the video file from the recorded file.

5 Pause

Click this button to pause the video.

6 Vol up

Click this button to volume up the sound.

7 Vol down

Click this button to volume down the sound.

8 Source

Click this button to select the source input from the DVD/TV input connection. **9 Video Setup**

Click this button to set the video and audio's parameter. A dialogue will appear as below, please set the parameter accordingly



Video					
Source	HDMI				-
VideoFormat	1920×10	80/192	0×1080) H264.	FHD 🔻
Video Bitrate	8.00	-	8.00		MBPS
Audio Format	AAC				-
File					
🗆 Disk Reserved			100	D	MB
Enable Capture Time	Limit		0	: 30	: 0
C:\Cypress PL330\20110)902 1434	35.264	veas	JPEG	
204 C:\Cypress PL330\20110 BMP C:\Cypress PL330\20110	0902 1434 0902 1434	35.264	ive as . P	JPEG	
204 C:\Cypress PL330\20110 BMP C:\Cypress PL330\20110	0902 1434 0902 1434	35.264 □ Sa 119.BM	ive as . P dio —	JPEG	
C:\Cypress PL330\20110 BMP C:\Cypress PL330\20110 OSD Interface	0902 1434 0902 1434	35.264	ive as . P dio —	JPEG	
C:\Cypress PL330\20110 BMP C:\Cypress PL330\20110 OSD Interface Record On The Fly	0902 1434 0902 1434	35.264	ive as P dio	JPEG	
C:\Cypress PL330\20110 BMP C:\Cypress PL330\20110 C:\Cypress PL330\20110 Record On The Fly Play On The Fly Show Snapshot BMP	0902 1434 0902 1434	35.264	live as P dio	JPEG	
C:\Cypress PL330\20110 BMP C:\Cypress PL330\20110 C:\Cypress PL330\20110 Record On The Fly Play On The Fly Show Snapshot BMP	0902 1434 0902 1434	35.264	IVE as dio	JPEG	 ass

10 Save Clipboard

Click this button to copy the image for other DDE application. **11 Mute** Click this button to mute the audio. **12 Snapshot BMP** Click this button to save the still image as the BMP or JPEG file. **13 Help** Click this button to enable the online help tool.



Specifications

Input port Output port Power Supply Dimensions Weight Chassis Material Silkscreen Colour Power Consumption Operating Temperature Storage Temperature Relative Humidity 1x HDMI 1 x USB 5V/500m A DC USB bus 121 mm (W) × 21.6 mm (D) × 65.5 mm (H) 146g Aluminum Black 2.5 W 0 °C~40 °C / 32 °F~104 -20 °C~60 °C / -4 °F~140 20~90 % RH (non-condensing)

Connection



