

ACASIS

QUAD HDMI PCIE VIDEO CAPTURE CARD



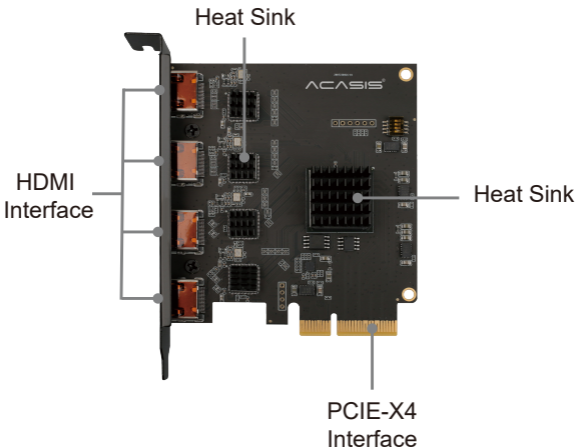
Installation Guide



AC-4HDMI
User Manual

Product Features

- 4-channel HDMI video signal input.
- Support 1080p input video signal (compatible with resolutions below 1080p).
- Capture Resolution is up to 1080p@60fps
- Host Interface: PCIe 2.0 X4, 20Gb/s
- Conform to DirectShow DirectSound , PCM 48K stereo.
- Video processing is completed by the capture card, which does not occupy CPU of the host computer.
- Automatically detect the input video format.
- Support one machine with multiple capture cards and set channel numbers dynamically.
- Support Windows and Linux operating system.










Product Installation

Note: When devices are added to or removed from the system, ensure that the computer is turned off. If possible, disconnect all power cables from the computer before you add a device.

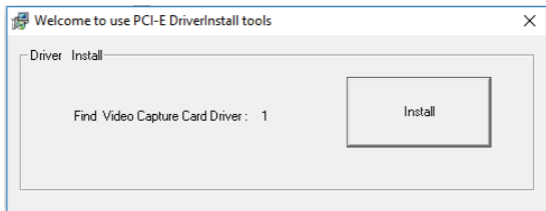
- Insert the PCIe capture card into the PCIe-X4 Gen2 slot of your host computer (compatible with the interface above PCIe-X4), and make sure it is firmly seated.
- Connect the signal source (HDMI interface device) to PCIe card interface. It can connect four HDMI interface devices at the same time.
- Reconnect all the power cables to start up the computer, then install ACASIS PCIe capture card driver.

Driver Installation

- Supported Operating Systems: Windows XP/7/8.1/10, Linux
1. Please download the driver from ACASIS website.
<http://www.acasis.com>
 2. As for windows, open the driver installations source folder and double click "DrvInstall_X64.exe" for 64 bit windows system or "DrvInstall.exe" for 32 bit.

 amd64	3/29/2021 2:53 PM	File folder	
 i386	3/29/2021 2:53 PM	File folder	
 DrvInstall_X64	1/12/2021 2:32 PM	Application	2,275 KB
 DrvInstall	1/12/2021 2:33 PM	Application	1,665 KB
 lt8581_uhdx64	2/2/2021 2:42 AM	Security Catalog	11 KB
 lt8581_uhdx86	2/2/2021 2:42 AM	Security Catalog	11 KB
 LT8581_uhd	2/2/2021 6:26 PM	Setup Information	8 KB

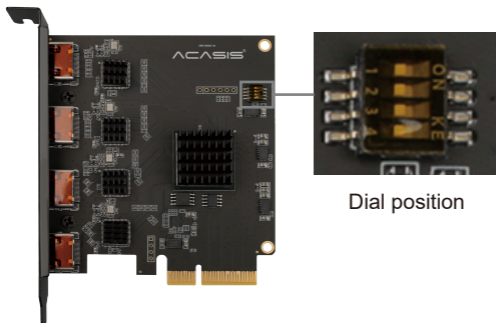
3. The pop-up window will show "Find Video Capture Card Driver: 1", indicating that one capture card has been recognized(as shown in the figure below).



4. Click "Install" . After the installation has finished, a notification will appear to show if the installation is successful, and click "OK" to finish the installation .

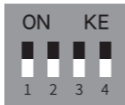
One Machine With Multiple Capture Cards :

Multiple PCIe capture cards can be installed on one computer and work at the same time to realize multi-channel live broadcast and acquisition. When using more than one PCIe capture card and working at the same time, it is necessary to adjust the dial switches on the PCIe card.



(1) First card (The white part is the switch position)

Dialing code: Switch 1 / 2 / 3 / 4 downward



(2) Second card

Dialing code: switch 1 upward, switch 2 / 3 / 4 downward



(3) Third card

Dialing code: switch 2 upward, switch 1 / 3 / 4 downward



(4) Fourth card

Dialing code: switch 3 upward, switch 1 / 2 / 4 downward



Product Specifications:

Host interface	PCI-E 2.0 X4 20GB / s transmission bandwidth
Video input interface	4-channel HDMI input
Audio acquisition	4-channel LPCM audio signal
Input format	HDMI 1.4
Output color space	YUY2
Input resolution	Any resolutions within 1080p
Capture resolution	Up to 1080p@60fps
Hardware de-interlacing	Support 1080i hardware de-interlacing, 3D noise reduction algorithm, clearer images
Operating system support	Windows XP/7/8.1/10 32bit/64bit, Linux
Compatible software	Windows Media Encoder, Adobe Flash Media Live Encoder, Real Producer Plus, VLC, Wirecast VMIX, etc
Compatible live broadcast platform	OBS open-source live broadcast software, XSplit, YouTube, and other live broadcast platforms
Compatible development interface	DirectShow (Windows) standard interface
Power dissipation	< 3.0 W
Operating temperature range	0-85 ° C (32°F-185°F)

Website: <https://www.acasis.com>

Email: support@acasis.com

Facebook Page: <https://www.facebook.com/Acasis.support>

Acasis Club: <https://www.facebook.com/groups/acasis>

