



4K HDMI PCIe CAPTURE CARD VC12-4K

- | 1-channel HDMI 2.0 input loop-out
- | Input and capture support up to 4K60 with bit rates up to 800Mbps
- | Support YUY2 uncompressed video
- | PCIE GEN2 x4, 2.5GB/S transfer bandwidth
- | Compatible with Windows 7 and above, Linux 18.04 and above
- | Compatible with OBS/potplayer/XSplit and other live recording software
- | Stable operation, 24 hours non-stop work
- | Support one machine with multiple cards working simultaneously



HDMI 2.0 Capture

Support 1-channel HDMI 2.0 input loop-out, and capture, multiple PCIE capture cards can be installed on a single PC to work simultaneously and achieve simultaneous live streaming on multiple platforms.

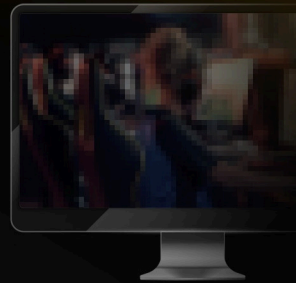


Built-in HDMI Loop-out

The PCIE card has a built-in HDMI loop-out, supports loop-out function which can transmit the images directly to another display, it allows users to play games and realize live broadcast and acquisition at the same time.

4K60 / 800Mbps

SD



HD



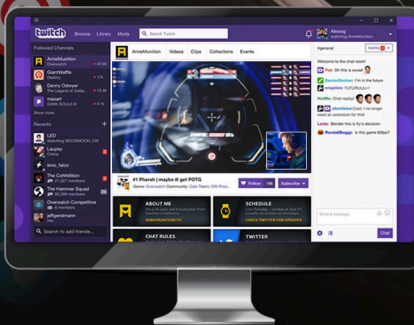
4K UHD Recording

The PCIE capture card provides more superior performance, single-channel input and capture up to 4K60 with bit rates up to 800Mbps, YUY2 lossless compression HD video capture, capture HD uncompressed video in real time, providing true picture quality to the extreme.

2.5 GB/s
Using PCIE GEN 2

High-bandwidth And Ultra-low Latency

Using PCIE GEN 2 interface with 2.5GB/s transmission bandwidth, it provides faster data transfer speed for gaming and live streaming, bringing uncompressed and ultra-low latency live streaming experience.



Complete Compatibility



Compatible with Windows 7 and above, Linux 18.04 and above operating systems, support streaming or recording application such as OBS, Teams, Twitch, etc. and users can use the PCIE capture card to broadcast the captured video to major live streaming platforms, such as YouTube, Facebook, Bilibili, etc. through the network.



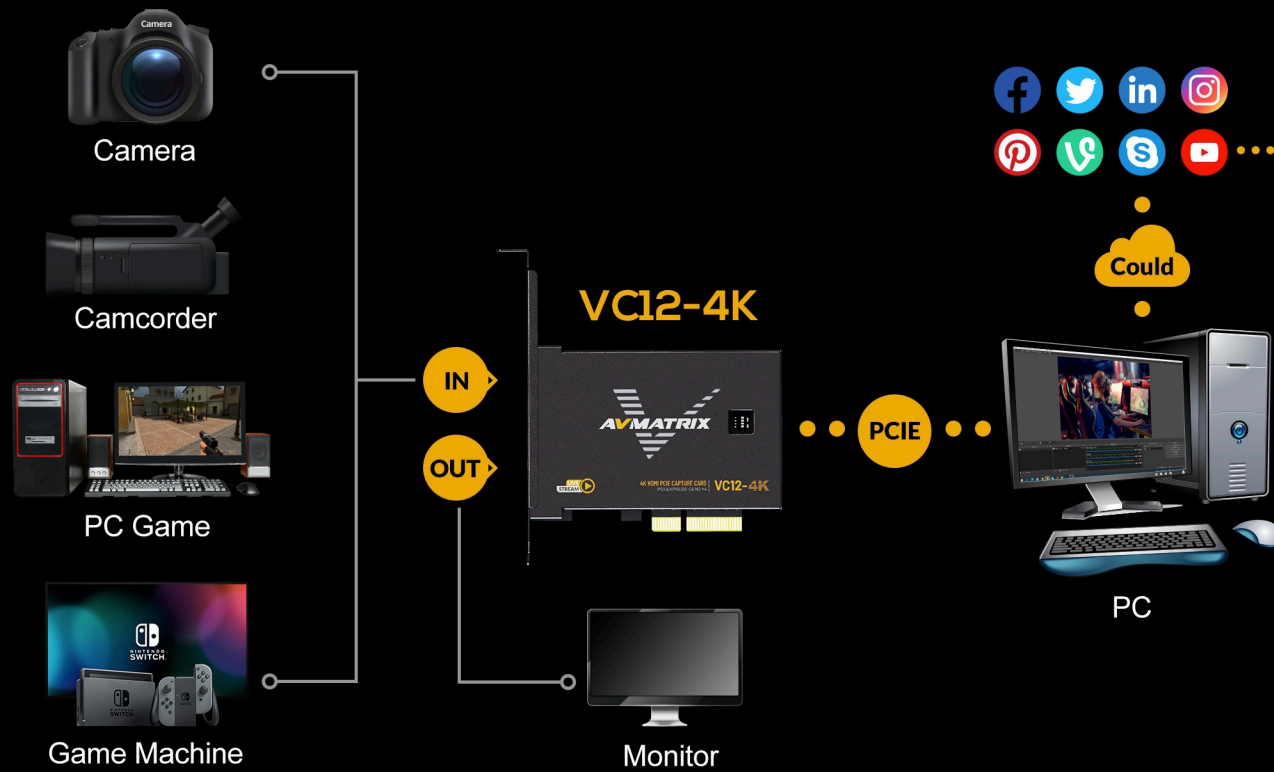
24 Hours Non-stop Work

The PCIE card has a thick gold-plated PCIE interface for more stable contact and transmission. Work continuously for ultra-long time.



Extensive Application

The PCIE Card can be widely used in various field, such as church, livesports, virtual studio, game live, education, health care and other live broadcast activities.



CONNECTIONS

Host Interface	PCIE2.0×4, 2.5GB/s transfer bandwidth	
Video Interfaces	1×HDMI2.0 input, 1×HDMI2.0 loopout	
HDMI Input Format	Up to 4K60hz, 1440p144hz, 1080p240hz	
Capture Format	4096×2160, 3840×2160, 3440×1440, 2560×2048, 2560×1920, 2560×1440, 2560×1080, 1920×1200, 1920×1080, 1600×1200, 1440×900, 1280×1024, 1280×800, 1280×720, 1024×768, 800×600, 720×576, 720×480	60fps
	4096×2160, 3840×2160, 2560×1440, 1920×1080, 1280×720	50fps
	4096×2160, 3840×2160, 2560×1440, 1920×1080, 1280×720, 800×600, 720×576, 720×480	30fps
	4096×2160, 3840×2160, 2560×1440, 1920×1080, 1280×720	25fps
	2560×1440, 1920×1080, 1280×720	144fps
Capture Color Space	2560×1440, 1920×1080, 1280×720	120fps
	1920×1080, 1280×720	240fps
	1920×1080, 1280×720	59.94fps
	YUY2, uncompressed	
	1×HDMI embedded audio capture	
Audio Codec	16 bit PCM, 48kHz, 1536kbps	
Other Features	Support 1080i hardware de-interlacing, 3D noise reduction algorithm	

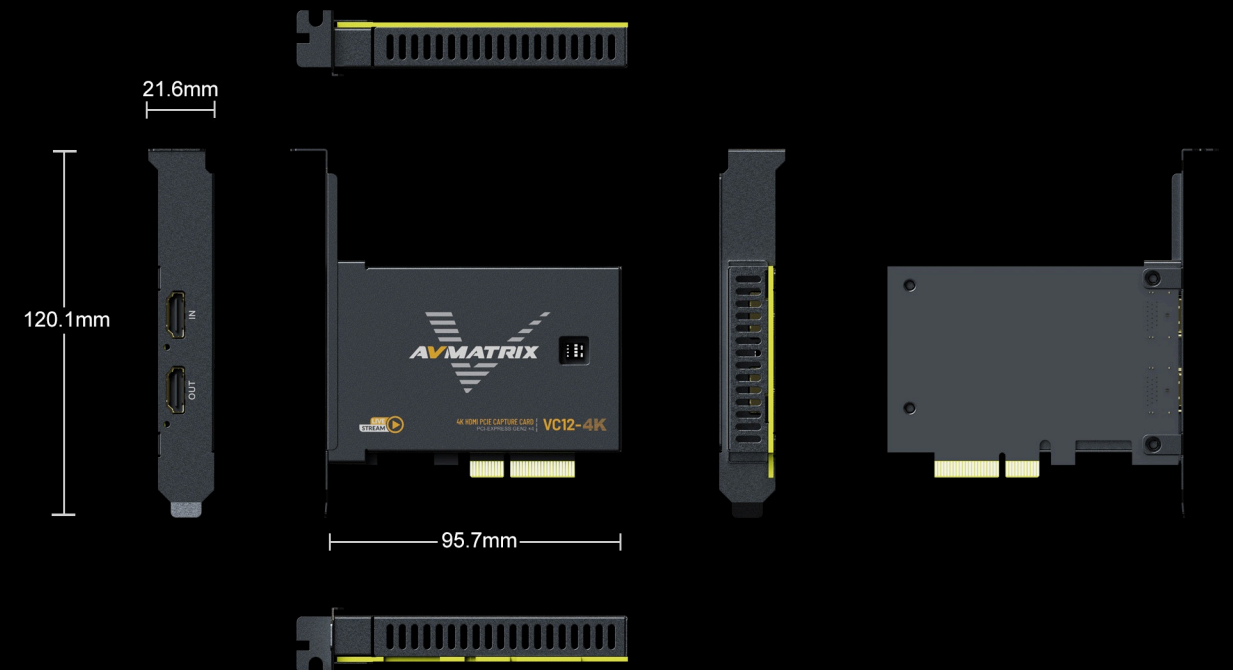
STANDARDS

SUPPORTS

Device Support	Support XBOX, PS4, SWITCH, Video palyer, TV box and media box, etc.
OS Support	Windows 7 and above, Linux 18.04 and above
Software Compatible	OBS, XSplit, VLC, VirtualDub, VMix, VidBlaster, Wirecast, Microsoft Media Encoder, Adobe Flash Media Encoder, Any other DirectShow/V4L2/AVCaptureSession encoding/streaming software
APIs Support	Windows(DirectShow, DirectSound/WASAPI), Linux(V4L2, ALSA)

OTHERS

Power consumption	≤2.0W
Temperature	Operating temperature: 0°C~60°C, Storage Temperature: -20°C~70°C Relative Humidity: 5%~90% non-condensing
Dimension	120.1 × 95.7 × 21.6mm
Weight	Net weight: 100g, Gross Weight: 145g



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