

High-Definition PCIe Capture Card - HDMI VGA DVI & Component - 1080P

StarTech ID: PEXHDCAP2



This all-in-one PCI Express capture card lets you record 1080p HD video and stereo audio to your computer system. With multiple video inputs including HDMI, DVI, VGA and component, the capture card can record original content from various sources such as computers, camcorders, security systems, POS terminals, and servers. With H.264 encoding, this is the perfect solution for capturing high-definition video for editing, compiling, and archiving.

You can install the card into any low-profile or full-profile PCIe slot, including fixed workstations such as 2U or 4U rack-mounted servers or media centers. Installing your capture device internally through PCIe ensures a secure and reliable way to capture video.

Capture video in 1080p HD

You can capture the same quality delivered by your video source, by recording video in high-definition 1080p at 30 frames per second. Unlike some capture devices that can only record at low-resolution 480p, this capture card matches the output of most consumer A/V equipment.

Now, you can capture the output from your computer, server, or POS station when creating software training and tutorial videos, without having to put up with inferior video quality.

H.264 encoding for wide device compatibility

The software that's included with the capture card encodes in H.264 -- the most widely adopted video codec in the world. Although the card is designed specifically for Windows® computers, H.264 encoding ensures the video files you save will be compatible with almost any video player such as such the media software on your PC, Mac, iOS and Android™ devices, with no editing or converting required.

H.264 is also widely supported by most software titles including Adobe Premiere® and Windows Media® Encoder. Plus, the software not only lets you capture and export videos, but it also lets you take

screenshots, schedule recordings and instantly stream your video source over the Internet using online services such as Twitch®.

Flexible input solutions for convenient compatibility

With multiple A/V input options, the capture card lets you record video from a wide variety of sources including HDMI, DVI, VGA, and component. You can also use this capture card with A/V adapters to record other video sources such as SDI using our [SDI to HDMI converter](#)(SDI2HD). Support for a variety of A/V devices is ideal for archiving analog video footage into a digital database.

The device also includes easy-to-use software that's compatible with NTSC and PAL systems, making it a must for professional video archiving applications where source media can change from project to project.

The PEXHDCAP2 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Note: This capture card will not record digitally encrypted content.

Computer System Requirements:

- Operating system: Microsoft® Windows® Vista / 7 / 8 / 8.1 (32/64-bit)
- CPU: i3 dual core 2.8GHz or higher
- Memory: 2 GB
- An available PCI Express slot

Applications

- Record video for training and tutorial purposes from a variety of video output technologies
- Stream live video feeds online, with streaming services such as Twitch.tv
- Capture HD video game play at 30 frames per second, while playing on a different display using the ST122HDMILE HDMI splitter
- Convert analog video to digital, in professional video archiving applications

Features

- Support for HDMI, DVI, VGA, and component input sources, lets you record from virtually any device
- H.264 encoding ensures wide device compatibility with exported video files
- Brilliant picture quality with support for capturing resolutions up to 1080p at 30 frames per second
- Dual profile card with low-profile and full-profile brackets included
- NTSC and PAL systems supported
- Supports 16:9 and 4:3 aspect ratio
- Supports 2-channel stereo audio (HDMI / RCA)

Technical Specifications

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| Warranty | 2 Years |
| Audio | Yes |
| Converter Type | Format Converter |
| Industry Standards | NTSC, PAL-M, PAL-60, PAL Video Encoding: MPEG4/H.264 |
| Audio Specifications | 16-Bit 48000Hz, HDMI 2Ch Audio or RCA Stereo input |
| Maximum Digital Resolutions | 1080p30 |
| Supported Resolutions | TV: 1080i/p, 720p, 576i/p, 480i/p PC: 1920x1080, 1440x900, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600 |
| Connector A | 1 - PCI Express x1 Male Output |
| Connector B | 1 - DVI-I (29 pin) Female Input |
| OS Compatibility | Windows® 10 (32/64), 8/8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64) |
| Humidity | 20~80% (non-condensing) |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -5°C to 40°C (23°F to 104°F) |
| Product Height | 0.8 in [20 mm] |
| Product Length | 4.7 in [120 mm] |
| Product Weight | 2 oz [58 g] |
| Product Width | 4.7 in [120 mm] |
| Shipping (Package) Weight | 11.4 oz [322 g] |
| Included in Package | 1 - PCIe video capture card |
| Included in Package | 1 - DVI-D to HDMI adapter |
| Included in Package | 1 - DVI-I to VGA adapter |
| Included in Package | 1 - DVI-I breakout cable |
| Included in Package | 1 - low profile bracket |
| Included in Package | 1 - quick install guide |

Certifications, Reports and Compatibility

