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Data Sheet

High-definition PCIe Capture Card - HDMI VGA DVI & Component - 1080P at 60 FPS

Product ID: PEXHDCAP60L



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 a framerate of 60 FPS (frames per second) and H.264 encoding, this is the perfect solution for capturing high-definition video for editing, compiling, and archiving.

The card can be installed into any low-profile or full-profile PCIe slot, making it the ideal solution for fixed workstations such as 2U or 4U rack-mounted servers or media centers. Installing your capture device internally via PCIe ensures a secure and reliable solution for video capture.

Seamless picture quality at 60 frames per second

This capture card lets you record lossless video at 60 FPS ensuring every frame of content is saved, unlike 30-frame-per-second capture devices that only catch half the action. 60 FPS exactly matches the output of most computer video cards, which is great for recording the output from your PC, server, or POS station when creating software training and tutorial videos.

H.264 encoding for wide device compatibility

The included software encodes in H.264, the most widely adopted video codec in the world, ensuring your video captures will be compatible with almost any device platform such as PC, Mac®, iOS® and Android™ 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.

This card is capable of capturing lossless raw video making it compatible with Microsoft® DirectShow. With raw video capture you can record video using your preferred third party DirectShow software such as Open Broadcaster Software (OBS).

Flexible input solutions for convenient compatibility

With multiple A/V input options you can capture 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 PEXHDCAP60L is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Notes:

- 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
- Available PCI-express slot

Certifications, Reports and Compatibility

RoHS Compliant Available

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 60 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

- Seamless picture quality with 1080p video capture at 60fps
- 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
- Compatible with third party DirectShow software titles
- NTSC and PAL systems supported
- Supports 16:9 and 4:3 aspect ratio
- Supports 2-channel stereo audio (HDMI / RCA)

	Warranty	2 Years
Hardware	Audio	Yes
	Chipset ID	Mstar MST3367CMK-IF-170
	Converter Type	Format Converter
	Industry Standards	NTSC, PAL-M, PAL-60, PAL Video Encoding: MPEG4/H.264
Performance	Audio Specifications	HDMI or Component RCA Stereo
	Maximum Analog Resolutions	1920x1080 (1080p/30/50/60)
	Maximum Digital Resolutions	Video input: 1920x1080 (1080p/30/50/60) Video output: 1920x1080 (1080p/60)
	Supported Resolutions	1080i/p, 720p, 576i/p, 480i/p
	Wide Screen Supported	Yes
Connector(s)	Connector A	1 - PCI Express x1 Male
	Connector B	1 - DVI-I (29 pin) Female
		1 - HDMI (19 pin) Female
		1 - Component Video (3 x RCA) Female
		1 - VGA (15 pin, High Density D-Sub) Female
		1 - S-Video (4 pin, Mini-DIN) Female
Software	OS Compatibility	Windows® 10 (32/64), 8 / 8.1 (32/64) / Windows 7 (32/64) / Vista (32/64) / XP (32/64)
Environmental	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)
Physical Characteristics	Product Height	0.7 in [18 mm]
	Product Length	5.6 in [141 mm]
	Product Weight	2.5 oz [71 g]
	Product Width	4.7 in [120 mm]
Packaging Information	Shipping (Package) Weight	11.1 oz [315 g]
What's in the Box	Included in Package	1 - PCI Express Capture Card
		1 - HDMI to DVI adapter
		1 - VGA to DVI adapter

1 - Component breakout cable

1 - S-Video breakout cable

1 - Full-profile bracket (Attached)

1 - Low-profile bracket

1 - Software installation disc

1 - Instruction manual

Product appearance and specifications are subject to change without notice.