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Data Sheet

USB 3.0 Video Capture Device - HDMI / DVI / VGA / Component HD Video Recorder - 1080p 60fps

Product ID: USB3HDCAP



This USB 3.0 external video capture device 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.

Seamless picture quality at 60 FPS

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 USB capture 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 USB3HDCAP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Notes:

- A computer that supports USB 3.0 or higher is required. This product will not work with USB 2.0 or 1.1 controllers.
- Will not record digitally encrypted content.
- Not compatible with ASmedia, or Etron USB 3.0 host controllers. If your system has one of these non-supported controllers you can alternatively add a PCI-express USB 3.0 controller card such as the StarTech.com PEXUSB3S4V, PEXUSB3S400 or PEXUSB3S4.

Computer System Requirements:

- Operating System: Microsoft® Windows® Vista / 7 / 8 / 8.1 / 10 (32/64-bit)
- CPU: i3 Dual Core 2.8GHz or higher
- Memory: 2 GB
- USB 3.0 host controller (Confirmed support with: Intel, Renesas (NEC), VIA, AMD, Fresco FL1100)

Certifications, Reports and Compatibility

RoHS & REACH DOWNLOAD DECLARATION

TAA COMPLIANT

Applications

- Record video for training and tutorial purposes from varying video output technologies
- Stream live video feeds online with streaming services such as twitch
- Use with ST122HDMILE HDMI splitter to capture HD video game play at 60 frames per second, while playing on a different display
- Convert analog video to digital in professional video archiving applications

Features

- Seamless picture quality with USB 3.0 bandwidth enabling you to capture 1080p video at 60fps
- Record from virtually any device, with support for HDMI, DVI, VGA, and Component video input sources
- Supports 2-channel stereo audio (HDMI / RCA)
- NTSC and PAL systems supported
- Supports 16:9 and 4:3 aspect ratio

	Warranty	2 Years
Hardware	Audio	Yes
	AV Input	HDMI
		DVI
		Component
		VGA
	AV Output	USB
	Chipset ID	Mstar - MST3363CNK-170
	Industry Standards	NTSC, PAL-M, PAL-60, PA
		Video Encoding: MPEG4/H.264
		DirectShow Compatible
Performance	Audio Specifications	HDMI or Component RCA Stereo
	General Specifications	This product is not compatible with Etron USB controllers, or ASMedia 1042 / 1042A USB controllers.
	Maximum Analog Resolutions	1920x1080 (1080p/30/50/60)
	Maximum Digital Resolutions	Video input: 1920x1080 (1080p/30/50/60) Video Output: 1920x1080 (1080p/60)
	MTBF	2,242,857 Hours
	Supported Resolutions	1080i/p, 720p, 576i/p, 480i/p
	Wide Screen Supported	Yes
Connector(s)	Connector B	1 - USB Type-B (9 pin) USB 3.0 Female Output
		1 - HDMI (19 pin) Female Input
		1 - DVI-I (29 pin) Female Input
		1 - Stereo Audio (2 x RCA) Female Input
		1 - Component Video (3 x RCA) Female Input
		1 - Composite Video (1 x RCA) Female Input
		1 - VGA (15 pin, High Density D-Sub) Female Input
		1 - S-Video (4 pin, Mini-DIN) Female Input
Software	OS Compatibility	Windows® 10 (32/64), 8/8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64)
Special Notes / Requirements	**Note**	**Confirmed compatible USB 3.0 host controllers:** Intel, Renesas (NEC), VIA, AMD, Fresco FL1100
		Incompatible USB 3.0 host controllers: ASmedia, Etron

		A computer that supports USB 3.0 or higher is required. This product will not work with USB 2.0 or 1.1 controllers. Will not record digitally encrypted content.
Environmental	Humidity	20-80% RH Non-Condensing
	Operating Temperature	0°C to 35°C (32°F to 95°F)
	Storage Temperature	-5°C to 40°C (23°F to 1604°F)
Physical Characteristics	Product Height	2.5 cm [1 in]
	Product Length	11.4 cm [4.5 in]
	Product Width	75.5 mm [3 in]
	Weight of Product	104 g [3.7 oz]
Packaging Information	Package Height	53 mm [2.1 in]
	Package Length	21.5 cm [8.5 in]
	Package Width	15 cm [5.9 in]
	Shipping (Package) Weight	412 g [14.5 oz]
What's in the Box	Included in Package	1 - USB 3.0 HD Video Capture Device 1 - A/V breakout cable 1 - DVI to VGA adapter 1 - USB 3.0 Cable 1 - Instruction manual

Product appearance and specifications are subject to change without notice.