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Link do produktu: https://www.wamm.pl/magewell-pro-capture-mini-hdmi-jednokanalowa-karta-przechwytujaca-hd-p-2189.html



Magewell Pro Capture Mini HDMI | Jednokanałowa karta przechwytująca HD

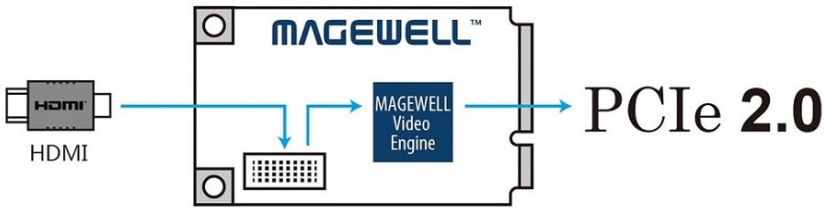
Cena brutto	**1 352 zł**
Cena netto	**1 099 zł**
Dostępność	**Zapytaj o dostępność**
Kod producenta	**11110**
Producent	**Magewell**

Opis produktu

Magewell Pro Capture Mini HDMI

Jednokanałowa karta przechwytująca HD

Magewell Pro Capture Mini HDMI to doskonałe rozwiązanie dla profesjonalistów, którzy potrzebują kompaktowego, ale wydajnego narzędzia do przechwytywania sygnałów HDMI.
Ta jednokanałowa karta HD przechwytuje sygnały HDMI do rozdzielczości 1920x1200 pikseli, w tym również sygnały HDCP, oraz osadzony dźwięk.



Tech Specs

Supported OS

- Windows
  - Windows 7/8/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2016 (x86 & x64)
- Linux (support x86, x64 & ARM architecture)
  - Ubuntu 12.04/14.04/16.04/17.04/17.10 (x86 & x64)
  - CentOS 6.5/7 (x86 & x64)
  - Fedora 25/26/27 (x86 & x64)
  - Red hat 6.5 and above (x86 & x64)
  - Other Linux OS with kernel version 2.6.35 and above
- Mac
  - OS X 10.9/10.10/10.11
  - macOS 10.12/10.13

Recommended OS (tested)	• Windows
	  ◦ Windows 7 Ultimate/8.1 Enterprise/10 Enterprise/Server 2008 R2 DataCenter/Server 2012 R2 DataCenter/Server 2016 R2 DataCenter (x86 & x64)
	• Linux
	  ◦ Ubuntu 12.04/14.04/16.04 (x86 & x64)
	  ◦ Ubuntu 17.04/17.10 (x64)
	  ◦ CentOS 6.5/7.2 (x86 & x64)
	  ◦ Fedora 25/26 (x64)
	  ◦ Red hat 6.5 (x86 & x64)
	• Mac
	  ◦ OS X 10.9.5/10.10/10.11.2/10.11.3/10.11.4
	  ◦ macOS 10.12/10.13.2/10.13.3

Supported APIs	• Windows
	  ◦ DirectShow
	  ◦ DirectKS
	  ◦ Wave API/DirectSound/WASAPI
	• Linux
	  ◦ V4L2
	  ◦ ALSA

Supported Software	• VLC • VirtualDub • OBS • xSplit • vMix • VidBlaster • Wirecast • Microsoft Media Encoder • Adobe Flash Media Encoder • Any other DirectShow/V4L2 encoding/streaming software

Input Interfaces	• JST SHD 20pin connector
	  ◦ DVI 1.0
	  ◦ HDMI 1.4a

Host Interfaces	• Mini PCIe Gen2 x1
Input Features	• Support for input video resolutions up to 2048×2160 pixels
HDMI Specific Features	• 225MHz HDMI receiver • Adaptive HDMI equalizer support for cables lengths up to 30M • Support for customized EDID • Support for extraction of

	AVI/Audio/SPD/MS/VS/ACP/IRSC1/ISRC2/Gamut InfoFrames • Full colorimetry support • Support for 8/10/12-bit color depths • Support for RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 color sampling • Support for up to 8-channel IEC60958/IEC61937 audio streams • Support for extraction of audio formation information & channel status data • Support for extraction of video timing information • Support for extraction of 3D format information • Support for extraction of Sony/Canon DSLR time code • Support for Side-by-Side Half, Top-and-Bottom, Frame Packing 3D mode.
Video Capture Formats	
	• Support for capture image resolutions up to 2048×2160 pixels • Support for capture frame rates up to 144fps. (Actual capture frame rate can be limited by PCIe bandwidth, and at higher image resolutions – above 1280×1024 – by the pixel clock of the on-board video processing hardware. eg. Max frame rate at 1920×1080 = ~80fps.) • Support for 4:2:0 8-bit capture formats: NV12, I420, YV12 • Support for 4:2:2 8-bit capture formats: YUY2, YUYV, UYVY • Support for 4:4:4 8-bit capture formats: V308, IYU2, V408, BGR24, BGR32 • Support for 4:4:4 10-bit capture formats: V410, Y410 • More capture formats are supported via Pro Capture SDK for DirectKS
Video Processing Features	

	• Two video processing pipelines with ~180Mpixels/s processing bandwidth for each one
	• Full 10-bit video processing
	• Video cropping
	• Video scaling
	• Video de-interlacing
	  ◦ Weave
	  ◦ Blend top & bottom field
	  ◦ Top field only
	  ◦ Bottom field only
	• Video aspect ratio conversion
	  ◦ Auto or manual selection of input aspect ratio
	  ◦ Auto or manual selection of capture aspect ratio
	  ◦ Three aspect ratio conversion modes: Ignore (Anamorphic), Cropping or Padding (Letterbox or Pillarbox)
	• Video color format conversion
	  ◦ Auto or manual selection of input color format & quantization range
	  ◦ Auto or manual selection of capture color format, quantization range & saturation range
	  ◦ Support for RGB, YCbCr 601, YCbCr 709, YCbCr 2020 color formats
	  ◦ Support for Limited or Full quantization range
	  ◦ Support for Limited, Full & ‘Extended gamut’ saturation range
	• Video frame rate conversion
	• Video OSD composition

	◦ Support for PNG OSD image (up to 2048×2160) ◦ Support for dynamic loading of RGBA OSD image via SDK
Multiple Cards per System	
	• Support for multiple cards plugged to one system
Multiple Capture Streams	
	• Unlimited capture streams for any one input channel • Independent cropping, aspect ratio, color format, resolution, frame rate, de-interlacing and color adjustment settings for each individual stream
Ultra Low Latency Support	
	• Latency of 64 video lines • Partial notification mode in SDK
Timestamp & A/V Synchronization	
	• Hardware based 100ns high resolution clock • Audio frames (192 audio samples) & video frames are stamped with hardware clock • Hardware clock can be synchronized across cards (via SDK)
Video Capture SG-DMA	
	• ~400MB/s per channel DMA bandwidth in PCIe 2.0 system • ~200MB/s per channel DMA bandwidth in PCIe 1.0 system • Support for auto detection of Intel tiled GPU surface • Support for DirectGMA for AMD video adapter chipsets • Support for GPUDirect for Nvidia video adapter chipsets
SDK	
	• Pro Capture SDK for DirectShow for easy integration (Windows) • Pro Capture SDK for DirectKS for maximum flexibility & performance (Windows)
Windows Driver Tweaks	
	• All options can be controled by three levels of registry key: global level, product level and device level • Video, Audio, Crossbar filter names can be customized via registry keys
Firmware Upgrade	
	• Multiple cards in one system can be upgraded simultaneously • Cards can be upgraded without a system power shutdown when it is not in use • Safe upgrade. If power off or system break down occur when the firmware is being upgraded, it will automatically restore to the initial version. This

	function is only available for firmware version 1.21 and above.
Form Factor	• Mini PCIe Add-on Card • 30mm x 51mm
Accessories	• SHD to HDMI type A breakout

Power Consumption	• High Performance Firmware
	  ◦ Max current at 3.3V: ~ 0.99 A
	  ◦ Max power consumption: ~ 3.24 W
	• Low Power Consumption Firmware
	  ◦ Max current at 3.3V: ~ 0.83 A
	  ◦ Max power consumption: ~ 2.7 W

Working Environment	• Operating temperature: 0 to 40 deg C • Storage temperature: –20 to 70 deg C • Relative Humidity: 5% to 90% non-condensing