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Link do produktu: https://www.wamm.pl/magewell-pro-capture-mini-sdi-jednokanalowa-karta-przechwytujaca-hd-p-2190.html



Magewell Pro Capture Mini SDI | Jednokanałowa karta przechwytująca HD

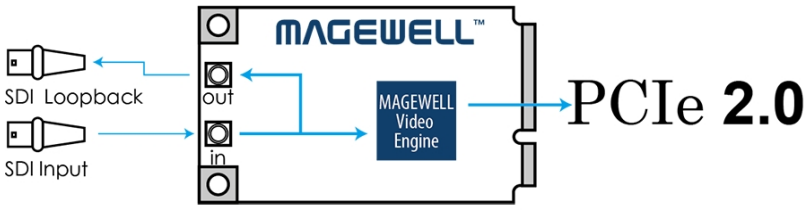
Cena brutto	**1 298 zł**
Cena netto	**1 055 zł**
Dostępność	**Zapytaj o dostępność**
Kod producenta	**11130**
Producent	**Magewell**

Opis produktu

Magewell Pro Capture Mini SDI

Jednokanałowa karta przechwytująca HD

Magewell Pro Capture Mini SDI to doskonałe rozwiązanie dla profesjonalistów, którzy potrzebują kompaktowego, ale wydajnego narzędzia do przechwytywania sygnałów SD/HD/3G/2K SDI z osadzonym dźwiękiem.
Ta jednokanałowa karta HD przechwytuje sygnały SDI do rozdzielczości 1920x1200 pikseli dodatkowo posiada wyjście SD/HD/3G/2K SDI



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	• MMCX ◦ SD/HD/3G SDI
Host Interfaces	• Mini PCIe Gen2 x1
Loop-through Interface	• MMCX (SDI loop-through)
Input Features	• Support for input video resolutions up to 2048×1080 pixels
SDI Specific Features	• Integrated cable equalizer supporting cable lengths up

to 230M for HD signals
- Support for SD/HD/3Ga/3Gb/3Ga-DL/3Gb-DS standards
- Support for 2K (2048×1080) mode
- Support for RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 color sampling
- Support for 10/12-bit color depth
- Support for extraction of SMPTE 352 payload identifier
- Support for up to 8 (mono) audio channels at 48KHz (channels 1–8 from the 16 available in the SDI spec)
- Support for extraction of audio formation information & channel status data
- Limited support of 3Gb-DS: only the first stream can be captured
- Limited support for capture of the first link of dual link interfaces:
    - YCbCr 4:2:2 10-bit 1080p 50/59.94/60: captured as 1080i 50/59.94/60
    - YCbCr 4:4:4 10-bit: captured as 4:2:2
    - RGB 4:4:4: R/B sub-sampled

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.
LED Indicator	• Status LEDs indicate the working state of each channel: idle, input signal locked, memory failed or FPGA configuration failed.
Form Factor	• Mini PCIe Add-on Card • 30mm x 51mm
Accessories	• 2 x MMCX to BNC cables
Power Consumption	• High Performance Firmware ◦ Max current at 3.3V: ~ 1.1A ◦ Max power consumption: ~ 3.62 W • Low Power Consumption Firmware ◦ Max current at 3.3V: ~ 0.95A ◦ Max power consumption: ~ 3.19 W
Working Environment	• Operating temperature: 0 to 40 deg C • Storage temperature: –20 to 70 deg C • Relative Humidity: 5% to 90% non-condensing