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Link do produktu: https://www.wamm.pl/magewell-usb-capture-dvi-plus-jednokanalowe-urzadzenie-usb-do-przechwytu-2k-p-2212.html



Magewell USB Capture DVI Plus | Jednokanałowe urządzenie USB do przechwytu 2K

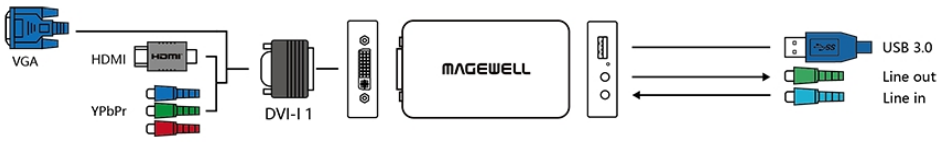
Cena brutto	**2 175 zł**
Cena netto	**1 769 zł**
Dostępność	**Zapytaj o dostępność**
Kod producenta	**32080**
Producent	**Magewell**

Opis produktu

Magewell USB Capture DVI Plus

Jednokanałowe urządzenie USB do przechwytu 2K

Magewell USB Capture DVI Plus to urządzenie do przechwytywania, które konwertuje sygnały wideo DVI z osadzonym dźwiękiem na USB 3.0. Użytkownicy mogą przesyłać sygnały wideo o rozdzielczości do 2048x2160 do dowolnego komputera w celu nagrywania lub streamowania. Oprogramowanie Magewell USB Capture Utility umożliwia użytkownikom ustawienie własnych parametrów przechwytywania, takich jak rozdzielczość, przestrzeń barwna, liczba klatek na sekundę (i wiele więcej). Posiada wejście DVI (oraz adapter VGA, HDMI + Component), które jest szeroko stosowane w przemyśle, systemach zabezpieczeń i obrazowaniu medycznym. Interfejs DVI zdobył reputację w branży medycznej i zabezpieczeń dzięki swojej niezawodności i zgodności. Urządzenie to stanowi idealne rozwiązanie do nagrywania lub streamowania wideo z osadzonym dźwiękiem i jest kompatybilne z Zoom Rooms, Microsoft Teams Rooms, Skype for Business, Google Hangouts, GoToMeeting, VLC, OBS Studio, XSplit itp.



Główne cechy:

- **Wsparcie dla DVI:** Przechwytywanie sygnałów wideo z urządzeń DVI (z adapterem do HDMI, VGA, i Component).
- **Automatyczne wykrywanie i konwersja:** Ułatwiające konfigurację i użytkowanie.
- **Obsługa rozdzielczości:** Do 1080p60, gwarantując wysoką jakość obrazu.
- **Wsparcie dla dźwięku:** Przechwytywanie audio z osadzonego HDMI lub zewnętrznego źródła analogowego.
- **Plug-and-play:** Bez konieczności instalacji sterowników na większości systemów operacyjnych (Windows, macOS, Linux).
- **Wymiary:** 98mm x 57mm x 17mm, waga: 125g

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
- Chrome OS

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
  - Wave API/DirectSound/WASAPI
- Linux
  - V4L2
  - ALSA
- OS X/macOS
  - QuickTime
  - AV Foundation

Supported Software

- VLC
- VirtualDub
- OBS
- XSplit
- vMix
- VidBlaster
- Wirecast
- Microsoft Media Encoder
- Adobe Flash Media Encoder
- Any other DirectShow, V4L2, QuickTime,AV Foundation based encoding or streaming software

Input Interfaces

- DVI-I
  - DVI 1.0
  - HDMI 1.4a (via breakout cable)
  - VGA (via DVI-to-VGA convertor)
  - Component (via breakout cable)
- 3.5mm audio jack
  - unbalanced Line In interface

Host Interfaces	• USB 3.0 ◦ compatible with USB 2.0 ◦ compatible with USB 3.1 Gen 1
Output Interfaces	• 3.5mm audio jack ◦ unbalanced Line Out interface
Input Features	• Auto scan of video input sources when there is no signal input to the currently selected input source • Manual selection of video input source • Auto selection of linked (embedded) audio input source when the video input source changes • Manual selection of audio input source • Support for input video resolutions up to 2048×2160
VGA& Component Specific Features	• 12-bitADC • Support for RGB & YCbCr (YUV) color formats • Support for ‘Seperated sync’, ‘Composite sync’, ‘Sync-on-green’ (SOG), ‘Sync-on-luminance’ (SOY) • Support for DMT, CEA, CVT, GTF video timings • Input signals up to 165MHz pixel rate are digitized with 1:1 sampling • Input signals over 165MHz pixel rate can be digitized with horizontal sub-sampling (resulting in some image quality loss – NOT recommended) • Auto detection of RGB & YCbCr color formats • Auto or manual sampling phase adjustment • Auto horizontal alignment • Support for customized video timings • Support for customized video resolutions for CVT/GTF timings
HDMI Specific Features	• 225MHz HDMIreceiver • Adaptive HDMI equalizer support for cables lengths up to 30M • Support for customized EDID • Support for extraction ofAVI/Audio/SPD/MS/VS/ACP/ISRC1/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 2-channel IEC60958 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 Side-by-Side Half, Top-and-Bottom, Frame Packing 3D mode.
Analog Audio Features	

- Extraction of stereo embedded HDMI audio for recording and output via 3.5mm stereo mini-jack Line Out
- Capture of stereo analog audio from Line In (3.5 mm stereo mini-jack socket)

Video Capture format

- Support for capture resolutions up to 2048×2160
- Support for capture frame rates up to 120fps (Actual capture frame rate can be limited by the USB bandwidth and internal working frequency. Typical capture frame rates on the Intel USB 3.0 controller are as follows.)
    - 1920×1080 YUY2 (up to 75fps)
    - 1920×1080 RGB24 (up to 60fps)
- Support for YUY2 & UYVY4:2:2 8-bit
- Support for RGB24 & RGB32 4:4:4 8-bit
- The default capture format is YUY2. More capture format can be set using USB Capture Utility.

Video Processing Features

- Video processing pipelines with 160 Mpixels/s processing bandwidth
- 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 color formats
    - Support for Limited or Full quantization range
    - Support for Limited, Full & ‘Extended gamut’ saturation range
- Video frame rate conversion
- Vertical flip and mirror

Multiple devices on one computer

- Support for connecting multiple USB devices to one system
- Support for setting the device serial number as the device name shown in the system using USB Capture Utility

SDK

- The USB Capture SDK provide functions including signal status extraction, capture configuration, etc.

Firmware Upgrade	• Multiple devices in one system can be upgraded simultaneously
LED Indicator	• Status LEDs indicate the working state of each channel: idle, input signal locked, memory failed or FPGA configuration failed.
Form Factor	• 101.5mm (L) x 56.8mm (W) x 17mm (H)
Accessories	• USB 3.0 cable • DVI to VGA connector • DVI-I to HDMI + Component breakout • DB9 to YC + Composite + Analog Audio + Componentbreakout
Power Consumption	• 5V max current: 600mA • max power consumption~3W
Working Environment	• Operating temperature: 0 to 50 deg C • Storage temperature: –20 to 70 deg C • Relative Humidity: 5% to 90% non-condensing