

Link do produktu: <https://www.wamm.pl/magewell-usb-capture-hdmi-plus-p-2210.html>



Magewell USB Capture HDMI Plus

Cena brutto	1 975 zł
Cena netto	1 605 zł
Dostępność	Zapytaj o dostępność
Kod producenta	32040
Producent	Magewell

Opis produktu

USB Capture HDMI Plus

One channel 2K capture device

- Capture HDMI + embedded audio
- Loop-through HDMI signal
- Audio input via mic
- Extract HDMI embedded audio output via headphones
- **Support 4Kp60 4:2:0 input. Capture from the newest game consoles such as PS4 Pro and XBOX One S. Automatically down scale to 2K for recording or streaming**

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

- HDMI
 - DVI-D 1.0
 - HDMI 1.4
- 3.5mm audio jack

- Microphone interface

Host Interfaces

- USB 3.0
 - compatible with USB 2.0
 - compatible with USB 3.1 Gen 1

Output Interface

- 3.5mm audio jack
 - headphones interface

Loop-through Interface

- HDMI
 - HDMI loop-through interface

Input Features

- Support for input video resolutions up to 4096×2160

HDMI Specific Features

- 297MHz 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/ISRC1/ISRC2/Gamut InfoFrames
- Full colorimetry support
- Support for up to 4096×2160 4:4:4/4:2:2 30fps or 4096×2160 4:2:0 60fps input signals
- For 4:2:0 input signals, the horizontal and vertical resolution will be reduced to 1/2 for capturing
- For 4:4:4/4:2:2 input signal at more than 170MHz, the horizontal resolution will be reduced to 1/2 for capturing
- Support for 2 channel ISC60958 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 analog audio via 3.5 mm microphone interface
- Integrate the functions of a USB audio card. Playback audio via 3.5 mm headphones interface. Support for recording the playback audio of the computer.

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 70fps)
- 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, YCbCr 2020 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

- 98.1mm (L) x 56.8mm (W) x 17mm (H)

Power Consumption

- 5V max current: 900mA
- max power consumption ~4.5W

Working Environment

- Operating temperature: 0 to 50 deg C
- Storage temperature: -20 to 70 deg C
- Relative Humidity: 5% to 90% non-condensing

Magewell

Magewell was founded in 2011 as an R&D center and manufacturer of video capture devices. We have been breaking boundaries ever since, expanding our technologies to live streaming, encoding and playout as well as embedded systems for video processing. Our solutions are widely deployed around the world for applications including live streaming, broadcast production, video conferencing, lecture capture, medical imaging, security, machine vision, gaming, virtual reality production and many more.

In addition to empowering end-users, our products are also incorporated into a wide range of third-party solutions on an OEM basis by other industry-leading manufacturers. Our products are available globally through our valued channel partners including distributors, resellers and systems integrators.