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Link do produktu: <https://winmar.pl/magewell-usb-capture-sdi-4k-plus-grabber-p-174038.html>



Magewell USB Capture SDI 4K Plus - Grabber

Cena brutto	2 596,00 zł
Cena netto	2 110,57 zł
Dostępność	Dostępny w sprzedaży

Opis produktu

Magewell USB Capture SDI 4K Plus - Grabber

USB Capture SDI 4K Plus

One channel 4K capture device

- Capture SD/HD/3G/2K/6G SDI + embedded audio
- Loop-through SD/HD/3G/2K/6G SDI
- Audio input via Line in
- Extract SDI embedded audio and output via Line out

Specyfikacja

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
Recommended OS (tested)	• Mac ◦ OS X 10.9/10.10/10.11 ◦ macOS 10.12/10.13 • Chrome OS • 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	• BNC ◦ SD/HD/3G/6G SDI • 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 • 3.5mm audio jack ◦ unbalanced Line Out interface
Output Interfaces	• BNC ◦ SDI loop-through interface
Loop-through Interface	
Input Features	
SDI Specific Features	• Support for up to 4096×2160 input resolution • Integrated cable equalizer supporting cable lengths up to 150M for 3G-SDI signals • Support for SD/HD/3Ga/3Gb/3Ga-DL/3Gb-DS/6G (SMPTE 2081) standards • Support for 2K (2048×1080) & 4K (4096×2160) 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 • Support for extraction of audio formation information & channel status data • Limited support of 3Gb-DS: only the first stream can be

Analog Audio Features

Video Capture format

Video Processing Features

Multiple devices on one computer

SDK

Firmware Upgrade

LED Indicator

Form Factor

Accessories

Power Consumption

- 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
- Extract the embedded SDI audio and output via 3.5mm unbalanced Line out
- Capture analog audio via 3.5 mm unbalanced Line In interface
- Support for capture resolutions up to 4096×2160
- 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 90fps)
 - 3840×2160 NV12 (up to 30fps)
- Support for NV12 & I420 4:2:0 8-bit (up to 4096×2160)
- Support for YUY2 & UYVY4:2:2 8-bit (up to 4096×2160)
- Support for RGB24 & RGB32 4:4:4 8-bit (up to 2048×2160)
- The default capture formats are YUY2 & NV12. More capture format can be set using USB Capture Utility.
- Video processing pipelines with 640 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
- 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
- The USB Capture SDK provide functions including signal status extraction, capture configuration, etc.
- Multiple devices in one system can be upgraded simultaneously
- Status LEDs indicate the working state of each channel: idle, input signal locked, memory failed or FPGA configuration failed.
- 110.7mm (L) x 56.8mm (W) x 17mm (H)
- USB3.0 cable
- 5V max current: ~0.86A
- max power consumption □ ~4.3W

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 został założony w 2011 roku jako centrum badawczo-rozwojowe i producent urządzeń do przechwytywania wideo. Odtąd przekraczamy granice, rozszerzając nasze technologie na transmisję strumieniową na żywo, kodowanie i odtwarzanie, a także wbudowane systemy przetwarzania wideo. Nasze rozwiązania są szeroko stosowane na całym świecie w aplikacjach, takich jak transmisje strumieniowe na żywo, produkcja transmisji, wideokonferencje, przechwytywanie wykładów, obrazowanie medyczne, bezpieczeństwo, wizja maszynowa, gry, produkcja rzeczywistości wirtualnej i wiele innych. Oprócz wzmocnienia pozycji użytkowników końcowych, nasze produkty są również włączane do szerokiej gamy rozwiązań innych firm na zasadzie OEM przez innych wiodących producentów. Nasze produkty są dostępne na całym świecie za pośrednictwem naszych cenionych partnerów handlowych, w tym dystrybutorów, dystrybutorów i integratorów systemów.