Magewell Pro Convert SDI TX

Cena brutto	**2 314 zł**
Cena netto	**1 881 zł**
Dostępność	**Zapytaj o dostępność**
Numer katalogowy	**64060**
Producent	**Magewell**

Opis produktu

Magewell Pro Convert SDI TX

One-channel HD Signal Converter

- Convert one channel of SDI signal with embedded audio to NDI® stream

Tech Specs

Supported Web Browser

- Microsoft Internet Explorer 11
- Microsoft Edge
- Mozilla Firefox version 61 and above
- Google Chrome version 49 and above
- Apple Safari 11.1 and above
- Opera 55.0.2994.44 and above

Supported Software

- OBS
- XSplit
- vMix
- VidBlasterX
- Wirecast
- streamstar SW
- mimoLive
- Any other NewTek NDI-enabled encoding or streaming software

Input Interface

- BNC
    - SD/HD/3G SDI

Storage Interface

- SD Card (functions to be developed)

PTZ + TALLY Control

- Mini-DIN–8 jack

Mounting Hole

- ¼–20 mounting hole

Network Interface

- 10/100/1000Mbps Ethernet
- IEEE 802.3af PoE

USB Interface

- USB2.0 Type B
- 5V/2.1A power supply

- USB RNDIS/ECM

Input Feature

- Support input resolution at up to 2048x1080 60fps

SDI Specific Features

- Integrated cable equalizer supporting cable lengths up to 180M for 3G-SDI signals
- Support for SD/HD/3Ga/3Gb/3Ga-DL/3Gb-DS (SMPTE 2081) standards
- Support for 2K (2048x1080) mode
- Support for RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 color sampling
- Support for 8/10/12-bit color depth
- Support for extraction of SMPTE 352 payload identifier
- Support for up to 16 (mono) input and 16 output audio channels
- Support for extraction of audio formation information & channel status data
- Limited support for capture of one 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

NDI® Output Format

- Support for 4:2:2 8-bit output
- Support for up to 2048x1080 60fps output resolution
- Support for NDI 3.x

Video Processing Features

- Support capture resolutions up to 2048x1080
- Video brightness, contrast, saturation, hue adjustment
- Video de-interlacing
    - Top field only
    - Bottom field only
- Video aspect ratio conversion
    - Auto or manual selection of output aspect ratio
- Video color format conversion
    - Auto or manual selection of input color format & quantization range
    - Auto or manual selection of output color format, quantization range & saturation range
    - Support for RGB, YUV BT.601, YUV BT.709, YUV BT.2020 input color formats
    - Support for YUV BT.601, YUV BT.709, YUV BT.2020 output color formats
    - Support for Limited or Full quantization range
    - Support for Limited, Full & 'Extended gamut' saturation range
- Video frame rate conversion
- Video mirror flip

NDI[®] **Source Name**

- Support for setting the device name shown in the system using Web UI. By default, the device name is 'Pro Convert'.
- Support for setting the source name shown in the system using Web UI. By default, the source name is 'board-index + serial number'.
- Support for setting board-index, from 0 to F, using the on-board rotary switch

Firmware Upgrade

- Support for manual update using Web UI

LED Indicator

- Status LEDs indicate the working status of the device:
    - Power supply: on/off
    - Input signal: locked/unlocked

Form Factor

- 100.9mm (L) x 60.2mm (W) x 23.3mm (H)

Accessories

- USB 2.0 A to B Cable
- 5V/2.1A power adaptor
- Mini-DIN–8 (PTZ + TALLY) to RS232 (PTZ) + Mini-DIN–8 (TALLY)
- Tally lights
- L-bracket
- LED matrix panel (optional)

Power Consumption

- 5V max current: ~1.5A
- Max power consumption: ~6W

Working Environment

- Operating temperature: 0 to 45 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.