

# MAGEWELL

## Pro Convert H.26x to HDMI 4K Technical Specifications

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### Supported Web Browser (tested)

- 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

### Output Interfaces

- HDMI
  - HDMI 1.4
  - HDMI 2.0

### Storage Interface

- SD Card (functions to be developed)

### Screw Mounting Hole

- ¼-20 mounting hole

### Network Interfaces

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

### USB Interface

- USB2.0 Type B
  - 5V/2.1A power supply
  - USB RNDIS/ECM
- USB3.0 Type A
  - Support for connecting peripherals (keyboard and/or mouse) to customize the video and audio settings

### Control Buttons

- MENU: press to display the menu or select current parameter, or toggle the switch left and right to cycle through the options

### HDMI Output Features

- Support for up to 4:4:4 8 bit 4096x2160 60fps HDMI output
- Support for 96KHz 16bits 8-channel audio streams
- Support for delivering videos at the preferred video format according to the EDID of the connected

monitor

## Stream Decoding Features

- Support for decoding videos in H.264 and H.265 format
- Support for decoding AAC/MP3 audios
- Support for decoding streams of RTSP, HTTP, HLS, RTMP Pull/Push and MPEG-TS over UDP/SRT/RTP
- Support for up to 4096x2160 60fps signal decoding
- Support for modifying configurations using the Web UI or the Options menu
- Setting Video OSD composition, including
  - Source name & resolution
  - Audio meter
  - Audio meter scale
  - Center cross
  - Safe area
- Video scaling, frame rate and aspect ratio conversion
- Video color format conversion
  - Auto or manual selection of input color format
  - Support YUV BT.601, YUV BT.709 color formats
- Video vertical and mirror flip
- Setting audio gain, sample rate and channels

## Device 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 board-index, from 0 to F, through the on-board rotary switch

## Firmware Upgrade

- Support for manual update using Web UI

## LED Indicator

- Power LED status indicator
  - On: power connected
  - Off: power unconnected
- Decode LED status indicator
  - On: decoding in progress
  - Blinks: decoding error
  - Off: source unselected

## Form Factor

- 117.5mm (L) x 66.7mm (W) x 23.4mm (H)

## Accessories

- USB 2.0 A to B Cable
- 5V/2.1A power adaptor
- L-bracket

## Power Consumption

- 5V max current: ~1.62A
- Max power consumption: ~7.5W

## Working Environment

- Operating temperature: 0 to 45 deg C
- Storage temperature: -20 to 70 deg C
- Relative Humidity: 5% to 90% non-condensing