



Magewell Pro Convert IP to HDMI

ProdCode: MAGEPROCONIPHD

Converts up to four IP streams into one QHD HDMI signal



[\[Download Images\]](#) (.zip file)

Features

- Converts up to four IP streams into one QHD HDMI signal
- Up to 4 IP streams can be decoded and output in a preset layout, including a single main window, the picture-in-picture or quad-screen mode
- Connects baseband presentation or distribution equipment into IP-based media networks
- Video preview, in real-time stream or MJPEG picture is available on the web GUI

Decoding Features

- Support multiview layouts
 - For quad-screen, support decoding 4x streams of H.264/H.265 (NDI HX, NDI HX2, NDI HX3, SRT, TS over RTP/UDP, RTMP, RTSP, HLS, ZIXI protocols) at up to 1920x1080p60 simultaneously
 - For picture-in-picture, support decoding 2 streams of up to 1920x1080p60 simultaneously, with a maximum of 1 stream in MPEG2 or SpeedHQ (NDI High Bandwidth) format
- Support decoding 1 stream of up to 2560x1440p60 in H.264/H.265?SpeedHQ (NDI High Bandwidth), and MPEG2 format
- Support NDI High Bandwidth, NDI HX, NDI HX2, NDI HX3, SRT, TS over

RTP/UDP, RTMP, RTSP, HLS, ZIXI protocols

- Support decoding video in H.264, H.265, SpeedHQ (NDI High Bandwidth), and MPEG2 formats
- Support decoding audio in AAC, MP3, AC3, Opus, and G.711 formats
- Support NDI 6.x

Output Features

- Max output: 2560x1440 60fps 4:4:4 10-bit
- Delivering video at the preferred video format according to the capabilities of the connected monitor. Supported output formats include:
 - 2560x1440p60
 - 2560x1080p 23.98/24/25/29.97/30/50/59.94/60
 - 1920x1080p 23.98/24/25/29.97/30/50/59.94/60
 - 1920x1080i 50/59.94/60
 - 1280x720p 23.98/24/25/29.97/30/50/59.94/60
 - 720x576p50
 - 720x576i50
 - 720x480p59.94/60
 - 720x480i59.94/60
- Support color space: BT.601/BT.709/BT.2020
- Support HDR10
- Support 48/96KHz 8-channel audio output
- HDMI interface: HDMI 1.4

Configuration Management

- Support registration with Control Hub for remote centralized management
- Provide WebUI tools
- Provide comprehensive information regarding the device and decoded signals in real-time
- Support preview of output images and PTZ control
- Configure audio and video signal decoding and output parameters, including OSD, deinterlacing, video format, audio gain, sample rate, Ping test, security settings, configuration files import and export, and network connections
- Support firmware upgrade
- Support USB NET
- Support Edge/Firefox/Chrome/Safari/Opera web browsers
- Support HTTP APIs

On-board Control Buttons

- Rotary encoder button:

- Rotate: toggle options
- Press: bring up menu, enter current option, or confirm the selection

Network Interfaces

- 10/100/1000Mbps Ethernet
- Support IEEE 802.3af PoE and 802.3at PoE+

USB Interfaces

- USB3.0 Type C
- 5V/12V 10W power supply
- USB NET
- USB3.0 Type A
- Connecting peripherals (keyboard and/or mouse) to customize device settings

LED Indicators

- Power Indicator (PWR)
 - On: Power connected
 - Off: Power disconnected
- Decoding status Indicator (SIG)
 - Blue: All selected sources in single/multi-channel decoding are working normally
 - Red: All selected sources in single/multi-channel decoding are abnormal
 - Green: Both normal and abnormal decoding exist simultaneously in multi-channel decoding
 - Off: No sources selected in single/multi-channel decoding
- Tally lights
 - Program Tally (PGM): The connected NDI source is live when illuminating red
 - Preview Tally (PVW): The connected NDI source is in preview when illuminating green

Form Factor

- 4.72" (L) x 3.12" (W) x 0.96" (H) (as is 120 mm (L) x 79.3 mm (W) x 24.5 mm (H))

Screw Mounting Holes

- ¼–20 threaded hole

Power Consumption

- V maximum current: ~1.324A
- 2V maximum current: ~0.555A
- ax power consumption: ~6.62W

Working Environment

- Operating temperature: 0 to 40 deg C
- Storage temperature: -20 to 70 deg C
- Relative humidity: 5% to 90% non-condensing

