

Pro Convert IP to HDMI

Converts up to four IP streams into one QHD HDMI signal

SKU: 644300000



Product Overview

Pro Convert IP to HDMI is a standalone decoder that converts up to 4 IP streams into one QHD HDMI output in different layouts including Multiview. Adding new protocols and formats, like Zixi, to the supported list, Pro Convert decoder continues to explore the seamless integration to varied ecosystems and empower users to bridge IP signals to their existing infrastructure either for production or video distribution purposes.

Key Features

- 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.
- Support all variants of NDI® and features enabled by NDI SDK V6.x.
- Video preview, in real-time stream or images is available on the web GUI.

Packing List

- 1x Pro Convert IP to HDMI (PN: 64430)
- 1x USB Type C to Type C cable (PN: ELE00114)
- 1x USB Type C to Type A cable (PN: ELE00066)
- 1x Universal power adapter (PN: ELE00125)
- 1x Fishtale Bracket (PN: STR00211)
- 1x Bracket Fasteners (PN: PAR10040)
- 2x M4*12 Black Screws (PN: MECO0067)
- 2x M4 Black Nuts (PN: MECO0068)
- 1x Quick Start Guide

Technical Specifications

Revised on 01/14/2026

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

- 5V maximum current: ~1.324A
- 12V maximum current: ~0.555A
- Max 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

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