

Pro Convert IP to USB

Capture an NDI®, NDI® HX or streaming source into software via USB

SKU: 623000000

Model ID: ED0230A



Product Overview

Pro Convert IP to USB is a plug-and-play device that enables computers including laptops to natively capture an NDI®, NDI® HX or streaming source through a USB interface with no additional power source required. It does the heavy lifting of decoding IP stream without consuming CPU/GPU resources of the host machine. The device supports video formats including NV12, YUY2, and MJPEG, and resolutions of 1920x1080, 1368x768, 1280x1024, 1280x720, 720x640, 720x480, and 640x480. It is ideal for use in conference rooms and production studios, particularly in environments where users' software does not natively support NDI® or other IP protocols and any additional software utility is not allowed to use.

Key Features

- Capture one network video source into software at resolutions up to 1080p60
- Support NDI® High Bandwidth, NDI® HX2, or NDI® HX3 sources or H.264/H.265 streams in protocols including RTMP, RTSP, RTP, UDP, SRT and HTTP
- Capture as uncompressed YUY2/NV12 video up to 1080p60 or MJPEG video up to 1080p30
- Capture 2 channels of audio at 16-bit, 48KHz
- Support DHCP for automatic network configuration
- It is configurable to capture the video as content or camera into Zoom software

Packing List

- 1x Pro Convert IP to USB
- 1x USB Type-C to Type-A cable (PN: ELE00113)
- 1x USB Type-C to Type-C cable (PN: ELE00114)
- 1x Quick Start Guide

Technical Specifications

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Output Features

- Max output UVC: 1080p60 YUY2/NV12. Supported output formats include (Actual capture format will vary based on the host system USB interface, operating system and capture software.):
 - 1920x1080p/1368x768p/1280x1024p/1280x720p/720x640p/720x480p/640x480p 60/59.94/50/48/40/30/29.97/25/24/20/15
- Max output UVC: 1080p30 MJPEG. Supported output formats include (Actual capture format will vary based on the host system USB interface, operating system and capture software.):
 - 1920x1080p/1368x768p/1280x1024p/1280x720p/720x640p/720x480p/640x480p 30/29.97/25/24/20/15
- UAC: 2-channel, 16-bit, 48KHz

Decoding Capabilities

- Decoding 1 stream of NDI High Bandwidth/NDI HX2/NDI HX3/RTMP/RTSP/RTP/UDP/SRT/HTTP at up to 1080p60

- Decoding H.264 / H.265
- Supports NDI 6

Configuration Management

- Register with Control Hub
- Remote control via WebUI and Control Hub
- Web UI enables users to easily check and set the process-and-capture parameters, upgrade firmware and export info for troubleshooting
- Provide HTTP APIs
- Support USB NET

Host Interface

- USB 3.0 (5 Gbps) Type-C
 - 5V/1A power supply
 - USB NCM

Network Connections

- Ethernet: 1x RJ45 port, 10/100/1000 Mbps Base-T

Recommended OS

- Windows 10/11/Server 2016/Server 2019/Server 2022 (x86 & x64) and above
- Linux x86, x64 & ARM architecture, with 2.6.35 and above
- Mac OS X 10.9 and above
- macOS 10.12 and above

Supported Software

- Zoom Rooms
- Microsoft Teams
- VLC
- OBS Studio
- XSplit
- QuickTime Player
- vMix
- Any other software that can detect USB webcam

LED Indicators

- Status LED indicates:
 - Power supply: on/off

Form Factor

- 3.8622 in (L) x 2.2354 in (W) x 0.7087 in (H) (98.1 mm x 56.78 mm x 18 mm)

Power Consumption

- 5V max current: ~ 1A
- Max power consumption: ~ 3.8W

Working Environment

- Operating temperature: 0 to 50 deg C
- Storage temperature: -20 to 70 deg C
- Relative humidity: 5% to 90% non-condensing

Notice

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