

**SWITCH MODES.
SCALE ANYWHERE.**

AVer **NC30**

NDI® Converter

NDI



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The AVer NC30 NDI® Converter is a bi-directional NDI converter built for Pro AV environments, supporting NDI HX2 and HX3 for efficient, low-latency 4K video over standard networks. Switch between NDI encoding and decoding modes to bridge HDMI® sources and IP video streams — with 4K60P output to HDMI and USB-C in decoding mode. Centralized control via Enterprise Management makes multi-space NDI deployments faster to set up and easier to maintain across campuses, enterprises, and production spaces.



Bi-directional NDI
Encode & Decode



Simultaneous
HDMI & USB-C Output



4K 60fps
Input & Output*



Unified Routing via
Enterprise Management



PoE Powered



5-Year
Warranty

* Performance may vary depending on input and configuration.

NDI® is a registered trademark of Vizrt NDI AB.
All HDMI trademarks and trade dress are registered trademarks or trademarks of
HDMI Licensing Administrator, Inc.



Simultaneous 4K 60P HDMI & USB-C Output.

In decoding mode, the NC30 streams 4K 60fps* video to a display via HDMI while simultaneously delivering video to a laptop over USB-C. Keep both connections live without adapters or extra setups — an ideal solution for ensuring presentation equity in hybrid classrooms, meeting rooms, and live production.

Dual Modes. Total Flexibility.

Easily switch between encoding and decoding modes to adapt to your workflow. Whether converting HDMI sources into an NDI network or outputting IP streams to local displays, the NC30 handles it all effortlessly.

Built for the AVer Pro AV Ecosystem.

The NC30 works natively with AVer cameras, Matrix Tracking Boxes, and BYOM Matrix Switchers, for cross-room distribution. Standardize your setup, cut integration complexity, and build scalable AV-over-IP architectures that expand from a single room to multiple classrooms, meeting rooms, training spaces, and live production environments.

Centralized NDI Routing. Powered by Enterprise Management.

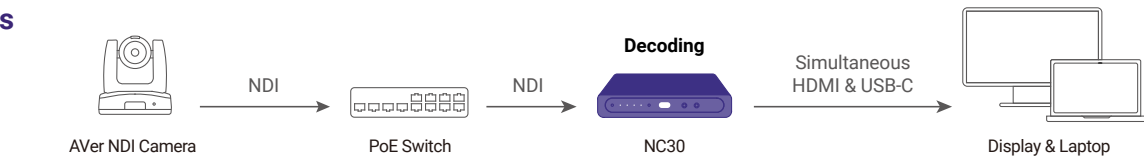
Manage your entire NDI network via Enterprise Management software. Assign signals and switch sources through an intuitive interface featuring multi-stream previews. It transforms complex IP routing into a faster, easier process.

Zero-Latency Display. Streamlined Control.

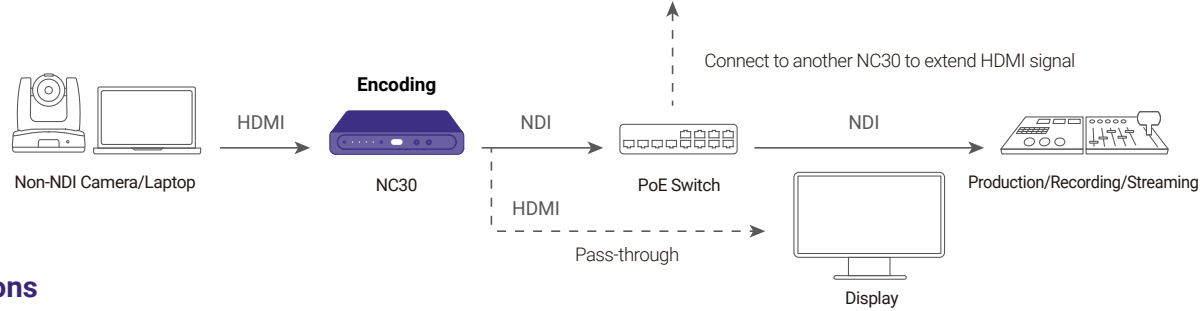
In encoding mode, the HDMI Loop-out delivers instant, zero-latency live feeds for monitoring in professional live production. Network-based PTZ camera control and NDI low-latency streaming unify video transmission and device management into a single, cohesive workflow.

Connection Diagrams

• As a Decoder (Default)



• As an Encoder



Product Specifications

Operation Mode	
Decoding Mode (Default)	
Video Input	NDI® HX2, NDI HX3 via IP 4K 60fps: 1 Input 1080p 60fps: Up to 4 Inputs
Video Output & Resolution	Up to 4K 60fps via HDMI 2.0 & USB-C (UVC) Supports simultaneous HDMI & USB-C output**
NDI Protocol	NDI HX2, NDI HX3
Codecs	H.264, H.265
Audio In	NDI, 3.5 mm
Audio Out	HDMI, 3.5 mm, USB-C (UVC)
Web UI	Yes
PoE	Yes
Camera PTZ Control	Yes
HDMI Loop-out	N/A
NDI Source Routing	Yes
I/O Interfaces	
Audio In	3.5 mm × 1
Audio Out	3.5 mm × 1
USB-C	1
HDMI In	1
HDMI Out	1
PoE	1 (IEEE 802.3af, 37V to 57V 0.35A)
Web UI	
Live Video Preview	Yes
Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Encoding/Decoding Mode Switching	Yes, Reboot Required
NDI Source Selection	Yes
Encoding Settings	Codec, Resolution, Frame Rate
Network Configuration	DHCP (Default), Static IP Configuration
Supported Web Browsers	Chrome™, Microsoft Edge, Safari®
Software Tools	
Enterprise Management	Supports Windows® 10 or later
Device Utility	Supports Windows® 10 or later, macOS® 10.14 or later

Encoding Mode	
Video Input & Resolution	Via HDMI® 2.0 4K 60fps: 1 Input
Video Output	NDI HX2 via IP
NDI Protocol	NDI HX2
Codecs	H.264, H.265
Audio In	HDMI, 3.5 mm
Audio Out	HDMI, 3.5 mm, NDI, RTSP
Web UI	Yes
PoE	Yes
Camera PTZ Control	No
HDMI Loop-out	Yes, Direct Pass-through
NDI Source Routing	Yes
General	
DC Input	AC 100 - 240V to DC 12V/2A
Buttons	Power, Source Switch
Dimensions (W × H × D)	164.0 × 30.0 × 104.1 mm
Weight	0.6 (±0.1) kg
LED Indicators	Status, USB Out, HDMI In, HDMI Out
NDI Tally	Yes, Solid Red: Program; Solid Green: Preview
Installation Methods	Rack Mounted, Wall Mounted, Under the Table, and Tripod
Operating Conditions	Temperature: 0 °C to +40 °C Humidity: 20% to 80%
Storage Conditions	Temperature: -20 °C to +60 °C Humidity: 20% to 95%
Warranty	5 Years
Package Contents	NC30 NDI® Converter, Power Adapter, Power Cord, Cable Fixing Plate, Mount Bracket (× 2), 3.0 × 5 mm Flat Head Screw (× 2), 3.0 × 5 mm Truss Head Screw (× 4), M3 × 10 mm Screw (× 4), Cable Tie (× 3), Quick Start Guide
Optional Accessories	USB Type-C to Type-C Cable

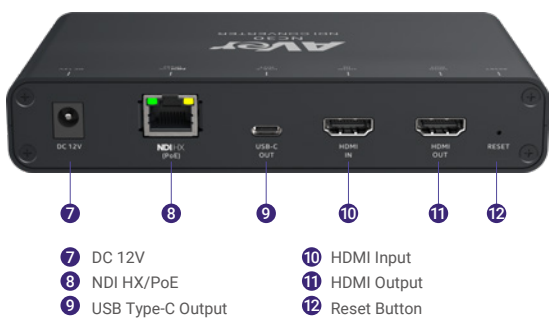
* Specifications may vary depending on location and are subject to change without notice.
** HDMI and UVC outputs are limited to 30fps under H.265 4K 60fps NDI decode with UVC enabled.

Product Appearance

Front



Rear



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