

A1 4K HDMI NDI Converter



Description

The A1 HDMI NDI Converter is a powerful and well-designed full-featured NDI converter built for professional audio and video processing needs. It achieves a perfect balance between functionality, performance and affordability. It supports simultaneous 1080p60 encoding and decoding. Equipped with 3 HDMI 2.0 ports, A1 supports up to 3840×2160P@60Hz video encoding or decoding, providing efficient and stable NDI conversion solutions for various scenes. Whether it is a live event, broadcast production, or corporate video conference, A1 is your ideal choice with outstanding performance.

Key Benefits

Rich and practical hardware interfaces

- ◆ 1xUSB3.0 port and 1xType-C port
- ◆ Large Tally Lights for visual indication of device operating status
- ◆ 3xHDMI 2.0 connectors (OUT, IN, LOOP)
- ◆ Supports PoE power supply
- ◆ Compact and lightweight design

Powerful and flexible encoding and decoding capabilities

- ◆ Supports simultaneous encoding and decoding at 1080p60 resolution.
- ◆ Supports for NDI| HX 2/3 in H264/265 and NDI High Bandwidth encoding/decoding
- ◆ Supports resolutions up to 4Kp60 with NDI HX2/3 and 4Kp30 with NDI High Bandwidth under encoding code or up to 4Kp60 under decoding mode
- ◆ Supports 8-channel audio under NDI High Bandwidth or 6-channel audio under NDI HX 2/3
- ◆ Supports interlaced signal decoding

Other features

- ◆ Supports realtime preview of the sources and outputs on Web UI
 - ◆ Supports centralized management by connecting to CNDLive Manager
- Supports audio intercom systems

Technical Parameters

Model No.	A1	
Video interface	1xHDMI 2.0	
Video encoding	NDIHX 2/3, NDI High Bandwidth	
NDIHX code type	H.264/H.265	
Video decoding	NDI High Bandwidth, NDIHX 2/3	
Encoder and decoder	NDI HX	1920×1080P 23.98/24/25/29.97/30/50/59.94/60 1920×1080i 60/59.94/50 1280×720P 25/29.97/30/50/59.94/60
	NDI HB	1920×1080P 23.98/24/25/29.97/30/50/59.94/60 1920×1080i 60/59.94/50 1280×720P 25/29.97/30/50/59.94/60
Only encoder	NDI HX	3840×2160P 25/30/60 1920×1080P 23.98/24/25/29.97/30/50/59.94/60 1920×1080i 60/59.94/50 1280×720P 25/29.97/30/50/59.94/60
	NDI HB	3840×2160P 25/30 1920×1080P 23.98/24/25/29.97/30/50/59.94/60 1920×1080i 60/59.94/50 1280×720P 25/29.97/30/50/59.94/60
Only decoder	3840×2160P 25/30/60 1920×1080P 23.98/24/25/29.97/30/50/59.94/60 1920×1080i 60/59.94/50 1280×720P 25/29.97/30/50/59.94/60	
Network ports	2×/100M/1000M (with 1xPoE interface)	
Other ports	1xUSB-A 3.0 and 1xType-c for intercom	
Management	Webpage, Free CNDLive Manager (software) CNDLive Manager Max (optional with cost)	
Installation	Cold Shoe Mount	
Power Info	DC 12V 2A /9W	
Dimension	143x90x32mm	