

CNDLive Manager Max Datasheet



CNDLive Manager Max is a compact and a powerful device and streaming management solution designed to provide users with efficient and stable direct decoding, device management and streaming services. Tailored for high-demand scenarios like professional broadcasting, live streaming, and corporate communications, it integrates advanced video interfaces, robust network connectivity, and intelligent management features.

Main Features

Superior video processing and multi-protocol support

- **Video Outputs:** Equipped with 1×3G-SDI and 1×HDMI 2.0 output ports, supporting resolutions from 720p to 4K.
- **Protocol Flexibility:** Supports the common protocols such as NDI|HX 2/3, SRT, RTMP/RTMPS, HLS, TS over UDP and RTSP. Seamlessly converts IP streams to the one you need without additional equipment or complex configurations.

Flexible and rich streaming matrix function

- **Complex Routing:** The Stream Matrix enables intricate routing, transitions, switching, mixing, and protocol conversion between multiple input streams and output destinations.
- **Versatile Integration:** Easily combine different camera sources and output them in various protocols to suit different platforms.

Efficient and convenient centralized equipment management

- **Centralized Control:** Supports access to CNDLive C6, X1, D1 devices for centralized management. You can remotely configure devices, monitor status, and batch update firmware for enhanced efficiency.
- **Multi-Device Management:** Simultaneously manage multiple types of equipment, quickly adjust parameters to ensure smooth streaming operations.

User-friendly operation and reliable hardware design

- **Intuitive Interface:** A web-based interface offers easy and intuitive operation.

Equipped with 2.0" LCD screen and physical buttons for local operation facilitate local control and status checks.

- **Power Efficiency:** Low power consumption ($\leq 9W$) with a stable C14 12V/1A power supply.
- **Network Stability:** 2 x 100M/1000M Ethernet ports (one with PoE) to ensure a reliable network connection.
- **Compact Build:** Small size and half-U chassis design make installation and portability effortless, integrating smoothly into rackmount chassis.

Diversified bonding solutions

- **Stable Transmission:** The self-developed bonding technology ensures stable data transmission and outstanding performance even in poor network conditions.
- **Flexible Deployment:** Free bonding software provided that you can deploy on-premise or cloud-server, or select hardware bonding server.
- **Seamless Integration:** Works seamlessly with the CNDLive X1 encoder for secure, one-stop bonding solutions.

Other features

- 200ms Ultra low latency, X1 Encoding --- CNDLive Manager Max transmission and decoding.
- Support intercom via USB.

(*The specific latency depends on your camera, network environment, monitor and many other data.)

Technical specifications

Model No.	CNDLive Manager Max
Video Interfaces	1×3G-SDI 1x HDMI 2.0
Decoding Output	<p>SDI SDI 1080P: 1920x1080P60, 1920x1080P59.94, 1920x1080P50, 1920x1080P30, 1920x1080P29.97, 1920x1080P25, 1920x1080P24, 1920x1080P23.98 SDI 1080i: 1920x1080i60, 1920x1080i59.94, 1920x1080i50 SDI 720p: 1280x720P60, 1280x720P59.94, 1280x720P50</p> <p>HDMI HDMI 4k: 3840x2160P60, 3840x2160P50, 3840x2160P30, 3840x2160P25, 3840x2160P24 HDMI 1080P: 1920x1080P60, 1920x1080P59.94, 1920x1080P50, 1920x1080P30, 1920x1080P29.97, 1920x1080P25, 1920x1080P24, 1920x1080P23.98 HDMI 1080i: 1920x1080i60, 1920x1080i59.94, 1920x1080i50 HDMI 720P and below: 1280x720P60, 1280x720P59.94, 1280x720P50, 720x576P50, 720x480p60</p>
Input Stream Protocols and Devices	CNDLive devices: C6, X1, D1 Protocols: NDI HX 2/3, SRT, RTMP/RTMPS, HLS, TS over UDP, RTSP
Output Protocols	NDI HX 2/3, SRT, RTMP/RTMPS, HLS, TS over UDP, RTSP
Network Interfaces	2×/100M/1000M (one with PoE)
Others	1xUSB-A 3.0 and 1xType-c
Display	2.0" LCD screen and buttons
Management	Webpage
Power Consumption	≤9W
Power Supply	3-pin 12V/1A
Dimensions	219.5x108x43.7mm
Weight	686g
Operating Temperature	-10°C~45°C (Storage temperature -20°C~45°C)

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