UHD860i
4K Distribution Amp

Commercial-Grade

One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.

Commercial-Grade

With durable construction and ultra-sleek design, CE Labs splitters are perfect for any project that requires 24/7 performance.

CE PROLink™

CE Labs PROLink™ Series creates a fully connected PROAV ecosystem. Easily connect, control, and manage your entire network.

3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

PRODUCT OVERVIEW

The UHD860i is a 1x8 HDMI splitter with network control that supports UHD 4K60 resolution. CE Labs' commercial-grade HDMI Distribution amplifiers/splitters are truly best-in-class, delivering flawless 4K60 and packed with commercial-grade features. The UHD860i comes with an integrated ethernet switch for superior cascading and a network interface for remote monitoring and system maintenance. Our patented technology is specifically designed to deliver true HDR10+ at 18 Gigabits and is perfect for controlling large tv walls or enterprise digital signage networks.

FEATURES

Network enabled for seamless control and maintenance.

Superior Ultra 4K/60 playback.

Patented cable retention system.

SPECIFICATIONS

MODEL: UHD860i

FEATURES

Ultra-High Definition Distribution Amplifier / Scaler

Network Monitoring

1 input 8 outputs

HDMI 2.0a, HDCP 2.2, and DVI compliant

Dual Ethernet ports for Status Monitoring, network Cascades

Network API for monitor and control

Supports remote reset via network interface

Integrated 1080P downscaler all outputs for backwards compatibility

18Gb/S / 600MHz Bandwidth / 4Kx2K @ 60 Hz Full color

4Kx2K @60Hz, 8bit 4:4:4 color with scrambling is supported

Deep Color Compatible on resolutions <600MHz

EDID copy and multi-presets (8 different settings)

Cascadable for retail video wall displays (up to 10 times)

Integrated Cable retention bracket (CE labs® patented)

Controls via RS-232 port

Compatible with HDR Sources and TVs

VIDEO

HDMI 1.4a, 2.0a

HDCP1.4, or 2.2

HDR Info Frame control is supported

copy limited CEC messages from Input to all Outputs

Color Space: Compliant with BT.601, 709, 2020 (non-const.), RGB Full, RGB Limited

Maximum Pixel Clock: 600MHz

1080P Downscale Available on any output port

720P downscaling is not supported

EDID Management – 4 Dip Switches, 8 different settings

HDMI cable 1ft-15ft (5m) for 1080P and 4Kx2K 30 / 60(4:2:0)

HDMI cable 1ft-9ft (3m) for 4Kx2K 60 full color

RESOLUTION

3840x2160, 60Hz, YCbCr4:4:4 – 8Bit only

3840x2160, 60Hz, YCbCr4:2:2 – 8Bit only

3840x2160, 60Hz, YCbCr4:2:0 – 8, 10, or 12Bit

3840x2160, 30Hz, YCbCr4:4:4 – 8, 10, or 12Bit

1920x1080, 60Hz, YCbCr, 4:4:4 – 8, 10, or 12Bit

1280x720, 60Hz, YCbCr, 4:4:4 – 8, 10, 12 or 16 Bit

RGB Full and RGB Limited are also supported

POWER SUPPLY

Wall transformer: 100-240V 50/60 to 12VDC/ 1A

Screw on Locking plug 2.5mm x 5.5mm connector

Efficiency Level VI

I/O PORTS

9x HDMI type A

2.5mm X 5.5mm female locking DC power jack

6 pin DIP switch

1 push buttons

15 LED Red / Green

2 RJ45 connector

RS-232 port

AUDIO

Format: LPCM, Dolby, Dolby Digital +, DTS, DTS-HD

Channels: 8

Sample Frequencies: 192, 176, 96, 88, 48, 44.1, 32

Sample Bit: 16, 20, & 24

NETWORK

Dual Ethernet 10/100 ports

Monitoring by network: HDMI ports for HPD, Resolution, Color space, EDID, DIP SW settings, Remote reset supported

Integrated web page for configuration

API available for control program integration

ACCESSORIES

1 Power Adapter 100-240 VAC – 12Vdc 1.0Amp 2.5mm

1 Quick Start Guide

9 Tie Wraps

4 Mounting feet

MISCELLANEOUS

Dimensions (H) 1” x (W) 9.5” x (D) 6.9”

Weight 1.85 lbs.

Operating Temp & Humidity 0-55°C, 95% Max Rel. Humidity

Integrated Mounting Brackets

Low Profile Design

Rugged (Industrial) Powder coated steel chassis

WARRANTY: *3 year warranty, parts and labor.

CElabs®