



UHD21S 4K HDMI Switcher

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 switches 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 CE Labs UHD21S is a 2x1 switcher that supports 4K high dynamic range (HDR) formats. It features two HDMI inputs, for receiving video and embedded audio. Supporting 4K/UHD @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps, the UHD21S is the perfect complement to any CE Labs retail HDMI distribution system.

Part of the CE Pro-link™ Series, the UHD21S includes a number of key features such as advanced HDMI Audio Return Channel (ARC), EDID management, selectable 4K to 1080p downscaling, and HDCP 2.2 support with selectable down-conversion to HDCP 1.4 ensures compatibility with legacy displays.

FEATURES

Support 4K HDR10+ video formats

Patented Cable retention system

Auto-Detect for seamless switching

SPECIFICATIONS

MODEL: UHD21S

FEATURES

- HDMI 2.0a, HDCP 1.4 & 2.2 and DVI Compliant
- Max.video resolutions of 4Kx2K @ 60Hz, 4:4:4
- 18Gb/S / 600MHz Bandwidth
- Compatible with HDR Sources and TVs
- Deep Color Compatible on resolutions < 600MHz
- Audio extractor supports analog stereo L/R and digital (optical)
- Supports ARC extraction to stereo and optical output
- 2 HDMI inputs one HDMI output switch
- Supports RS232 and Remote control
- Supports EDID management
- Integrated Cable retention bracket (CE labs® patented)
- Locking Power Supply
- RS232: 115200, 8, N, 1
- EDID Management
- Patented CE labs patented cable retention system

VIDEO

- HDMI 1.4a, 2.0a
- HDCP1.4, or 2.2
- HDR Support
- Color Space: Compliant with BT.601, 709, 2020 (non-const.) RGB Full, RGB Limited
- Resolution: 3840x2160, 60Hz, YCbCr4:4:4 - 8Bit only | 3840x2160, 60Hz, YCbCr4:2:2 - 8Bit only | 3840x2160, 60Hz, YCbCr4:2:0 - 8, 10, 12Bit | 3840x2160, 30Hz, YCbCr4:4:4 - 8, 10, 12Bit | 1920x1080, 60Hz, YCbCr, 4:4:4 - 8, 10, 12Bit | 1280x720, 60Hz, YCbCr, 4:4:4 - 8, 10, 12Bit | RGB Full and RGB Limited are also supported.
- HDMI cable 1ft-15ft for 1080P and 4Kx2K 30 / 60(4:2:0)
- HDMI cable 1ft-9ft for 3M for 4Kx2K 60 full color

AUDIO

- ARC Support
- LPCM, Dolby TrueHD, Dolby Digital/plus/EX,DTS,DTS-HD

I/O PORTS

- 2x HDMI type A Input
- 1x HDMI type A Output
- 2.5mm X 5.5mm female locking connector jack
- 6 pin DIP switch
- 2 push buttons
- 1 optical connector
- 2 3.5mm phone jack
- 2 LED Green/Red/Yellow
- DB9 RS232 connector

POWER SUPPLY

- Wall transformer: 12VDC/ 1A
- Screw on Locking plug 2.5mm x 5.5mm connector

ACCESSORIES

- 1 Power Adapter 100-240 VAC - 12Vdc 1.0Amp 2.5mm
- 1 Instruction Manual
- 1 x IR remote cable
- 1 x Remote control

MISCELLANEOUS

- Dimensions (H) 1", (W) 6.125", (D) 5.675"
- Weight 0.95 lbs.
- Operating Temp & Humidity 0-55C, 95% Max Rel. Humidity
- Integrated Mounting Brackets
- Low Profile Design
- Rugged (Industrial) Powder Coated Chassis

WARRANTY: *3 year warranty, parts and labor.

Learn more about CE Labs at www.celabs.com.

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