

## 2x1 Dual USB-C Huddle Room Switcher with USB 3.2 KVM

Connect Any Two USB-C Laptops — 4K60 4:4:4, 50W+50W PD Charging, Balanced Audio & Dual 1G Ethernet with 802.1x

MPN: COL-HUD-21D



The COL-HUD-21D is built for all-USB-C meeting rooms — two full-featured USB-C inputs let any two laptops share the room display, USB peripherals, and network access without a single adapter. Both ports deliver DP Alt mode 4K60 4:4:4 video, USB 3.2 Gen 1 (5Gbps) data, 1G Ethernet pass-through, and simultaneous charging — up to 100W when one laptop is connected, or 50W each when both are active.

Designed for organizations standardizing on USB-C, the COL-HUD-21D removes HDMI from the equation entirely. Balanced audio I/O, dual 1G Ethernet with 802.1x/VLAN, CEC/IR/RS-232 display control, and Web GUI give IT teams the controls they expect in a compact unit that fits under any huddle room table.

<b>4K60 4:4:4</b> Dual USB-C DP 1.4a	<b>50W + 50W PD</b> Simultaneous Charging	<b>USB 3.2 KVM</b> 5Gbps Host Hub	<b>802.1x VLAN</b> Dual 1G Ethernet	<b>Balanced Audio</b> I/O Phoenix	<b>CE / FCC / UL</b> Certified
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### KEY FEATURES

- HDCP 2.3 and DP 1.4a compliant
- 2x1 switcher — dual USB-C inputs, HDMI output
- Both USB-C inputs: DP Alt mode 4K60 4:4:4, USB 3.2 Gen 1 (5Gbps), 1G Ethernet, 100W charging (50W each when both connected)
- HDMI 2.0b output up to 4K60 4:4:4
- Auto and manual switching with signal and 5V detection
- USB 3.2 Gen 1 (5Gbps) host and local hub; device ports 5V/1.5A
- Balanced/unbalanced analog audio embedding and de-embedding
- Dual 1G Ethernet with 802.1x and VLAN support
- IR eye for IR learning; auto display on/off via CEC/IR/RS-232
- GPIO, RS-232, TCP/IP, Web GUI, and API control
- 5 preset scenes; internal pattern generator (12 patterns, up to 4K60)
- HDR10+, Dolby Vision, HLG; Dolby Atmos, DTS-HD pass-through

### SPECIFICATIONS

<b>Inputs</b>	2x USB-C (DP Alt mode, USB 3.2 Gen 1, 1G ETH, 100W PD)
<b>Output</b>	1x HDMI 2.0b, HDCP 2.3, 18Gbps, 4K60 4:4:4
<b>USB-C Charging</b>	100W single port / 50W+50W simultaneous
<b>HDR</b>	HDR, HDR10, HDR10+, Dolby Vision, HLG
<b>Audio (Digital)</b>	LPCM, Dolby Atmos, DTS-HD Master Audio, DSD
<b>Audio (Analog)</b>	Balanced/unbalanced I/O, 5-pin phoenix, >90dB S/N
<b>Control</b>	RS-232, TCP/IP (8000), CEC, IR, GPIO, Web GUI
<b>Network</b>	Dual 1G RJ45, 802.1x, VLAN; Separated or Switch mode
<b>Dimensions</b>	9.06" x 5.12" x 0.91" (230 x 130 x 23mm)
<b>Weight</b>	1.75 lbs (0.796kg)
<b>Power</b>	DC 24V/7.5A; 37W idle / 145W with 100W charging
<b>Certifications</b>	CE, FCC, UL

### PACKAGE CONTENTS

1x Switcher • 1x 24V/7.5A Power Supply • 1x IR Blaster Cable (1.5m) • Phoenix Connectors (3-pin, 2x 5-pin, 6-pin) • Mounting Ears • Rubber Feet • User Manual



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