

DVDO

DVDO-Switcher-41-USBC-HDMI

8K 4x1 Switcher with 1 USB-C + 3 HDMI Inputs



DVDO-Switcher-41-USBC-HDMI is a 4x1 switcher that allows up to three HDMI and one USB-C sources to be routed to an HDMI display.

It supports incoming video signals with resolutions up to 8K60 4:4:4 with a video bandwidth of 48Gbps.

It offers both automatic and manual switching and can be controlled via the IR remote, a button on the front panel or CEC.

Two additional USB ports (1 x USB-C + 1 x USB-A) are available on the front panel to charge external devices.

Features

- HDMI 2.0b with 8K60 4:4:4 and HDCP 2.3 compliant
- 3 x HDMI + 1 x USB-C inputs / 1 x HDMI output
- USB-C input compatible with Thunderbolt 3 and DP 1.4 alt mode
- Automatic and manual switching
- Supports uncompressed (LPCM) and compressed (DTS, Dolby Digital, DTS-HD Master Audio, Dolby TrueHD) audio
- HDR10/HDR10+/Dolby Vision pass-through
- Controls: front panel button, IR remote, CEC
- Compatible with 3D signals
- Built-in Equalizer, Retiming and Driver
- 1 x USB-C + 1 x USB-A charging ports up to 5W (only one port can charge at a time)

Applications

- Conference Rooms
- Hospitality
- Digital Signage
- Houses of Worship
- Education
- Restaurants
- Retail
- Residential

Application Diagram



Technical Specifications

Video	
HDMI Compliance	HDMI 2.0b / HDCP 2.3/2.2/1.4
Connections	Inputs: 3 x HDMI + 1 x USB-C (compatible with Thunderbolt 3 & DP 1.4 alt mode) Outputs: 1 x HDMI Charging ports: 1 x USB-C + 1 x USB-A up to 5W (not simultaneous)
Resolutions Supported	Up to 8K@60Hz 4:4:4 / 4K@120Hz / 1080p@240Hz
Bandwidth	48Gbps (12Gbps per channel x 4 channels)
High Dynamic Range	HDR10 / HDR10+ / Dolby Vision
Control Method	IR Remote, Front Panel Button, Automatic Switching, CEC
Audio	
Audio Formats Supported	Uncompressed LPCM / Compressed DTS, Dolby Digital including DTS-HD Master Audio, Dolby TrueHD & Dolby Atmos
General	
Enclosure	Black metal
Operating Temperature	0°C to 50°C (32°F to 122°F)
Humidity	5% to 80% RH non-condensing
Power Supply	5V 2A USB power adapter
Power Consumption	10W Max
Device Dimensions	139 x 64.5 x 15mm / 5.5 x 2.5 x 0.6 in (W x D x H)
Product Weight	0.19kg / 0.42lb