

VS5812

2-Port 8K HDMI Splitter



essentials

2-Port 8K HDMI Splitter

8K

4K
120Hz



VS5812

Superior Video

3D | Deep Color |
HDR10+ | Dolby Vision®

Premium Audio

DTS-HD Master Audio™ | DTS:X®
Dolby® TrueHD | Dolby Atmos®

Input



HDMI x1

Output



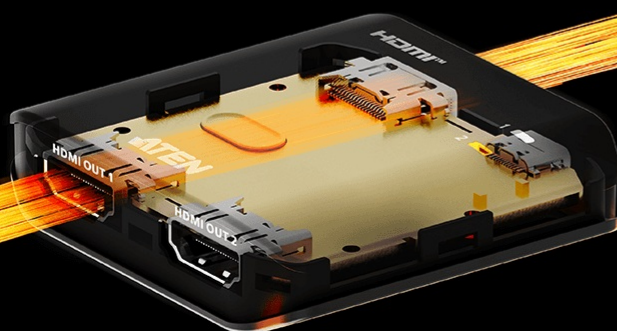
HDMI x2



HDCP 2.2/2.3

VRR + ALLM

Ultra High Speed



48 Gbps Data Transfer



Accent Lig

Uncompromised 8K Visuals across Dual-Display



essentials 2-Port 8K HDMI Splitter VS5812

All references to and depictions of compatible products, including those produced by Sony Interactive Entertainment (PlayStation), or Audio Technica, are for compatibility demonstration purposes only, not intended to suggest any endorsement or sponsorship by or affiliation with those product manufacturers.

The VS5812 2-Port 8K HDMI Splitter is designed to deliver uncompromised 8K visual performance from a single source to dual displays. Designed, tested, and optimized to deliver the VS5812 to the professional studio, home theater, hybrid gaming setup, professional studio, and commercial AV environments offering uncompromised 8K performance. Supporting resolutions up to 4096x2160 and 60/50Hz, the VS5812 sets the uncompromised clarity and detail, bringing the entire image to the wide breathtaking displays and picture. Featuring IEEE 802.3af, the splitter supports HDMI and HDCP 2.3, distributed to two 8K displays. Every detail, from vibrant colors to sharp edges, supported by HDR10, Dolby Vision, VRR, Variable Refresh Rate, ALLM, Auto Low Latency Mode, and Deep Color.



Aesthetic.

Compact.

Portable.





8K + HDR

Vivid, lifelike Visuals
with Vibrant Color Depth





Dive in. Game on.

Enjoy ultra-smooth, responsive gameplay.



VRR

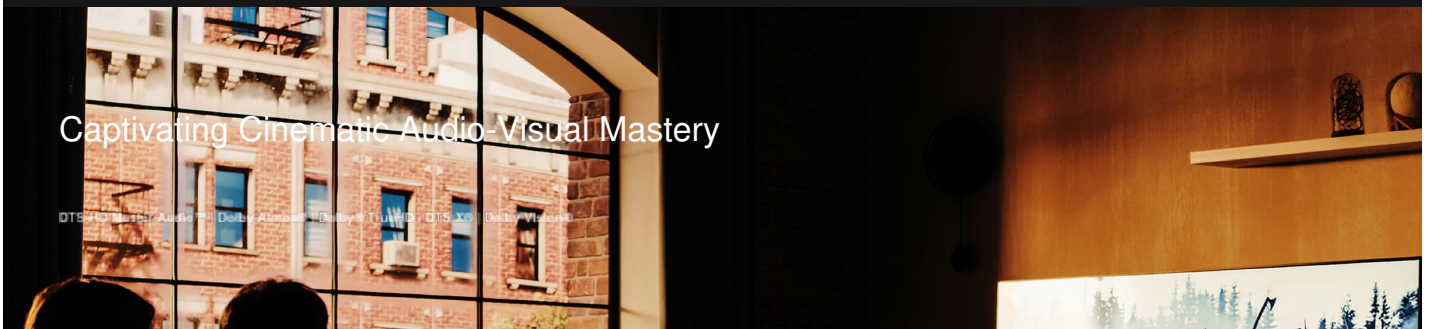
Variable Refresh Rate

ALLM

Automatic Low Latency Mode

Captivating Cinematic Audio-Visual Mastery

DTSHD Master Audio | Dolby Atmos | Dolby TrueHD | DTG X2 | Dolby Vision





Simply Better Connections



Up to 48 Gbps
Ultra High Speed Video Transmission

48 Gbps



Broad Device Compatibility

Works with a wide range of input and output devices.



PC



Laptop



Set Top Box



Game Console



Media Streaming



Media Player

1 input

EDID Sync™
Optimal video distribution



Plug-and-Play

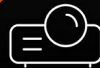
2 outputs



Display



Monitor



Projector

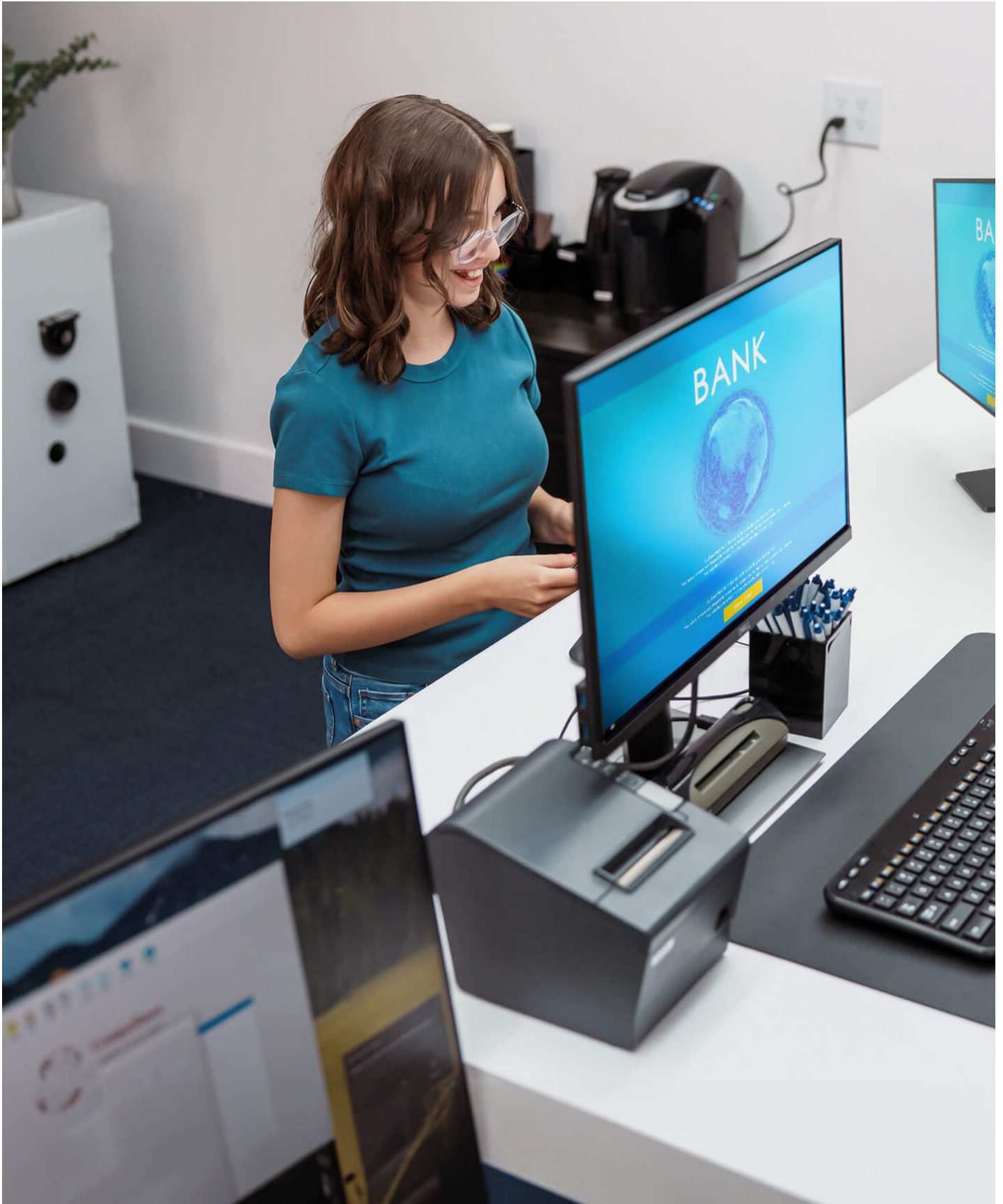


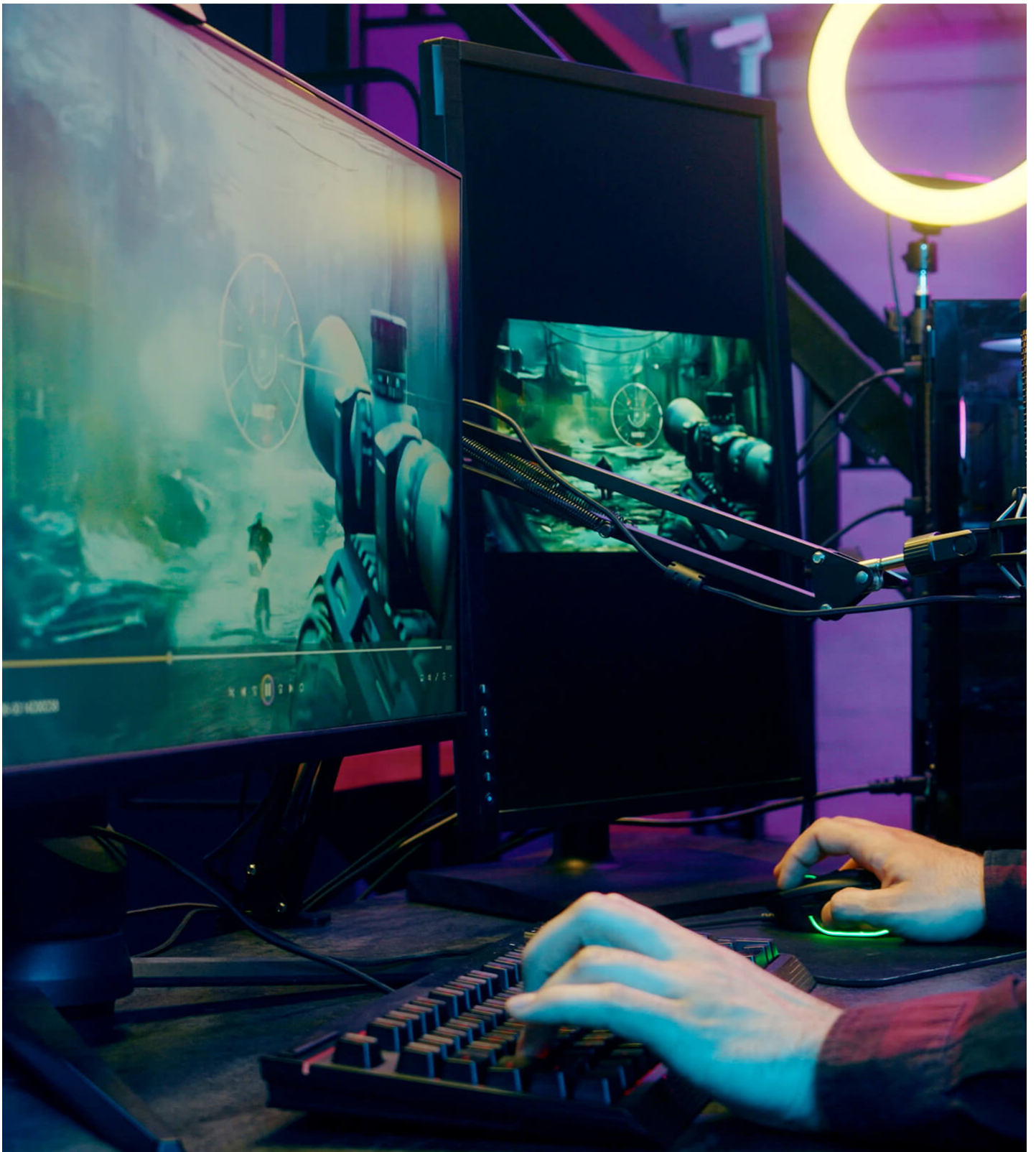
TV

One-Touch Screen Off

Switch off the second display with a simple press of the pushbutton.









What's in the Box



2-Port 8K HDMI Splitter

VS5812



USB Power Cable
Type-C to Type-A
(1 m)

Talk to Our Experts

If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly

First Name *
Last Name *
- Country *
Company *
Email *
Phone Number *
- Customer Type *
Job Title *

4K
120Hz

8K

HDR

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE



48Gbps Max.
Bandwidth



Accent Light



Compact
8x8 design

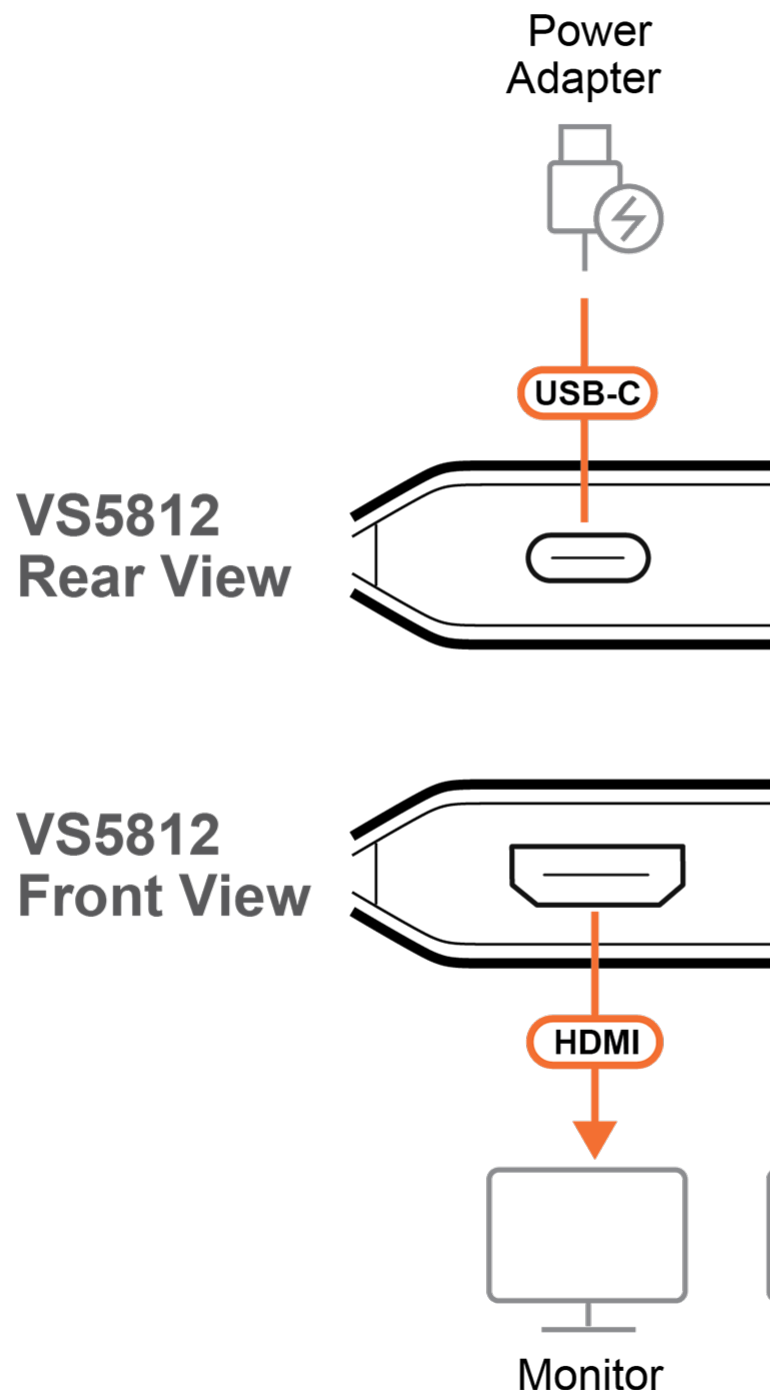
Features

- EDID Sync™ Smart Display Optimization
 - Automatically optimizes resolutions and prevents display issues for flawless display presentation
- Extreme Dual-Display Resolution Distribution
 - Shares one HDMI source across two displays, delivering simultaneous 8K @ 60Hz and 4K @ 120Hz visuals
- Variable Refresh Rate (VRR)
 - Synchronizes frame rate to eliminate screen tearing and stutter for ultra-smooth gameplay
- Auto Low Latency Mode (ALLM)
 - Automatically switches to game mode, dramatically reducing input lag for responsive control
- HDMI 3D/Deep Color, HDR10+, HDCP 2.3 Compatible
 - Guarantees stable performance, broad compatibility, and superior image quality
- Master-Class Audio Immersion
 - Full support for LPCM 7.1, Dolby® & DTS-HD Master Audio™ delivers theatrical-quality surround sound
- Pushbutton Output Control
 - Instantly enables or disables HDMI out 2 with a press of the pushbutton for intuitive, hands-on display management
- Aesthetic Compact Form
 - Slim profile and stylish accent lighting allow integration into any space, perfectly complementing your setting

Specifications

Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Max 1.5m at 7680x4320 @ 60Hz (4:2:0)
Video Output	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Max 1.5m at 7680x4320 @ 60Hz (4:2:0)
Video	
Max. Data Rate	48 Gbps
Compliance	HDMI (3D, Deep Color, 8K) HDCP 2.3 Compatible
Max. Resolution	7680x4320 @ 60Hz (4:2:0)
Audio	
Input	1 x HDMI Type A Female (Black)
Output	2 x HDMI Type A Female (Black)
Connectors	
Power	1 x USB-C (5V/1A)
Cable Length	
USB Cable	1 x USB Type-C to Type-A (1m)
LEDs	
LED Indicator	2 x Port Indicator (Orange)
Power	2 (Orange, Bottom Side)
Environmental	
Operating Temperature	0-40 $^{\circ}\text{C}$
Storage Temperature	-20 - 60 $^{\circ}\text{C}$
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	PC
Weight	0.03 kg (0.07 lb)
Dimensions (L x W x H)	6.10 x 5.65 x 1.52 cm (2.4 x 2.22 x 0.6 in.)
Carton Lot	20 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram





Simply Better Connections

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