

## 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



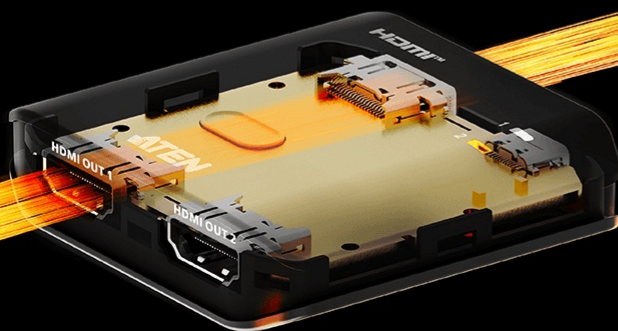
HDMI x2



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 crisp 8K visual performance from a single source to dual displays. Compact, robust, and efficient to use, the VS5812 is perfect for home theaters, high-end gaming setups, professional studios, and commercial AV environments seeking uncompromised 8K performance. Supporting resolutions up to 4K@120Hz and 8K@60Hz, the VS5812 enables exceptional clarity and detail, bringing cinematic beauty to the most breathtaking displays and content. Featuring IEEE 1394b, the splitter ensures HDMI and HDCP 2.3 compatibility at all times. Enjoy 8K@60Hz with Dolby Vision HDR, supported by HECU 2.0, Dolby Vision HDR, HDR10, HDR10+, and HDR10+.

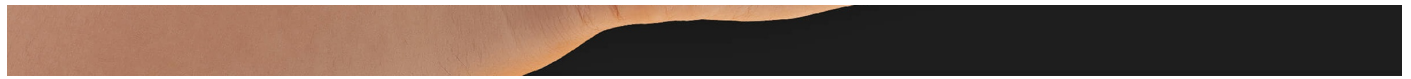
Aesthetic.

Compact.

Portable.







## 8K + HDR

Vivid, lifelike Visuals  
with Vibrant Color Depth





## Dive in. Game on.

Enjoy ultra-smooth, responsive gameplay.



VRR

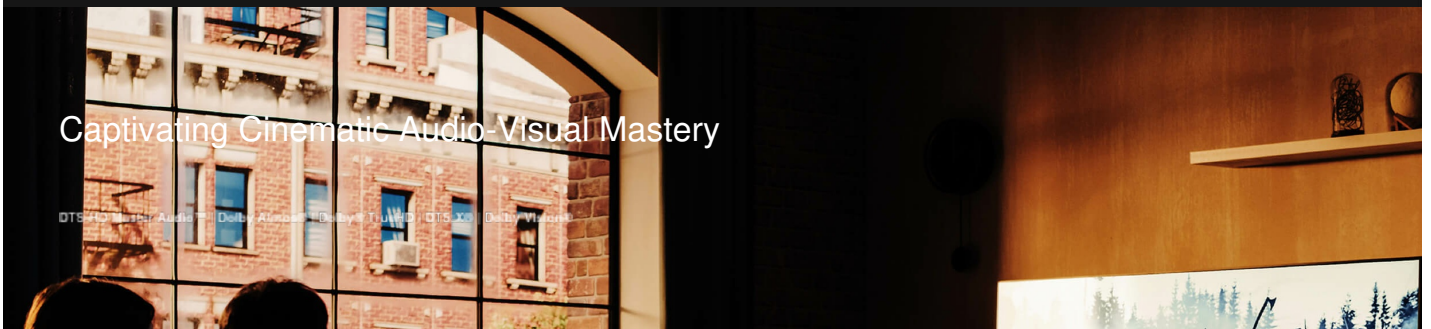
Variable Refresh Rate

ALLM

Automatic Low Latency Mode

## Captivating Cinematic Audio-Visual Mastery

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





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**

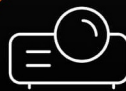
2 outputs



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  
Design

#### Features

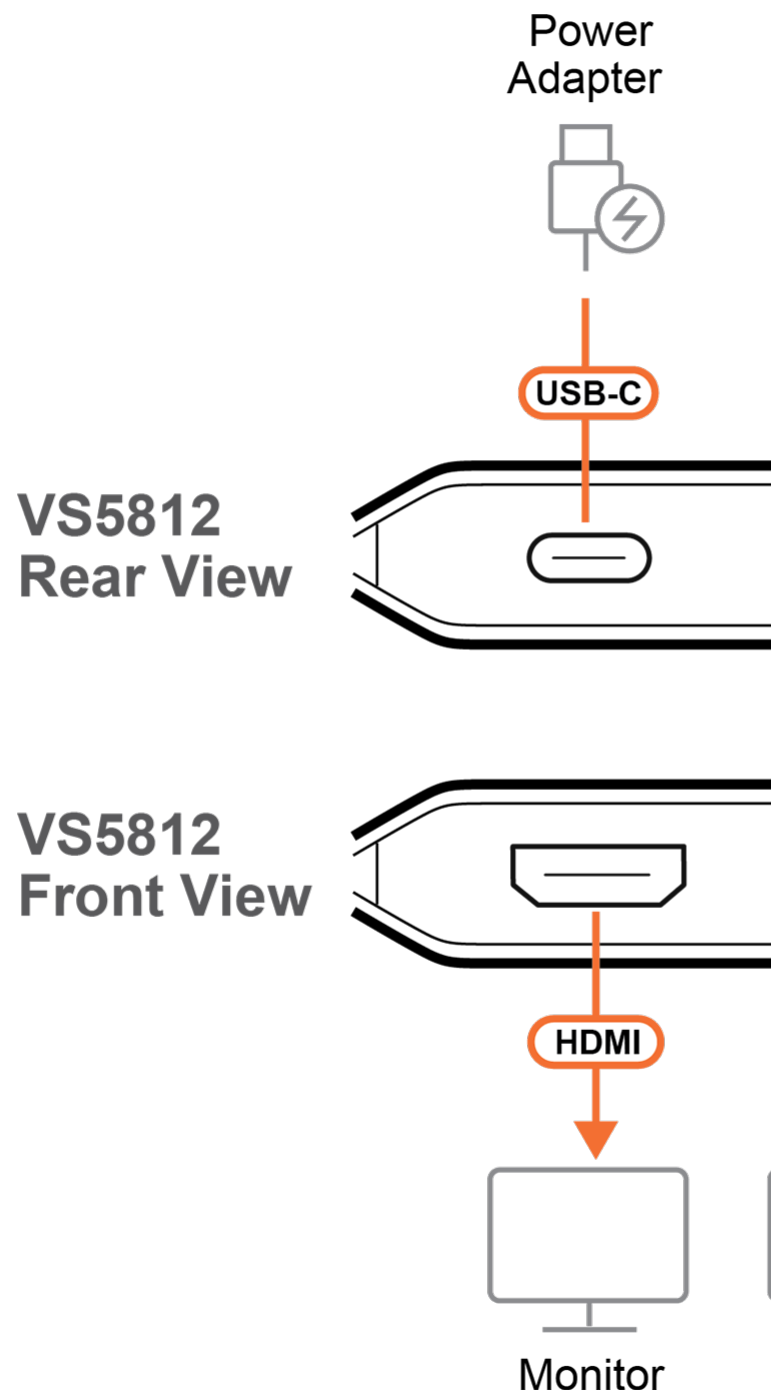
- EDID Sync™ Smart Display Optimization
  - Automatically optimizes resolutions and prevents display issues for flawless display presentation
- Extreme Dual-Display Resolution Distribution
  - Shares one HDMI source across two displays, delivering simultaneous 8K @ 60Hz and 4K @ 120Hz visuals
- Variable 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 $\Omega$
Max. Distance	Max 1.5m at 7680x4320 @ 60Hz (4:2:0)
Video Output	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
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 56.50 x 1.52 cm (2.4 x 22.24 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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