

**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 across two displays. It supports 8K resolution up to 60Hz, 4K resolution up to 120Hz, and Full HD resolution up to 240Hz. The VS5812 is compatible with HDMI 2.1 and HDCP 2.2, allowing users to experience the clarity and detail of 8K content. It is also compatible with various video sources, including PC, game consoles, and streaming devices. The VS5812 is a compact and portable device, making it easy to use in various settings. It is designed to be user-friendly and reliable, providing a high-quality 8K visual experience across two displays.



Aesthetic.

Compact.

Portable.

HDMI™

1

2

ATEN



## 8K + HDR

Vivid, lifelike Visuals  
with Vibrant Color Depth





Dive in. Game on.

Enjoy ultra-smooth, responsive gameplay.



VRR

Variable Refresh Rate

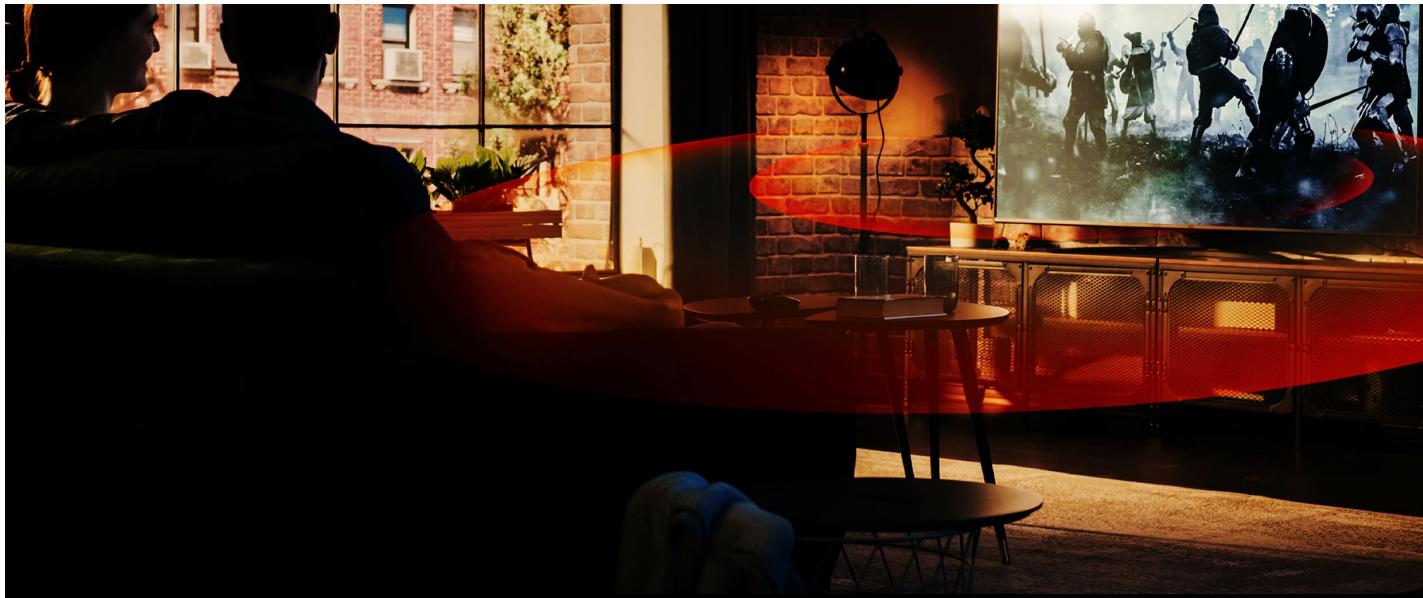
ALLM

Automatic Low Latency Mode

Captivating Cinematic Audio-Visual Mastery

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





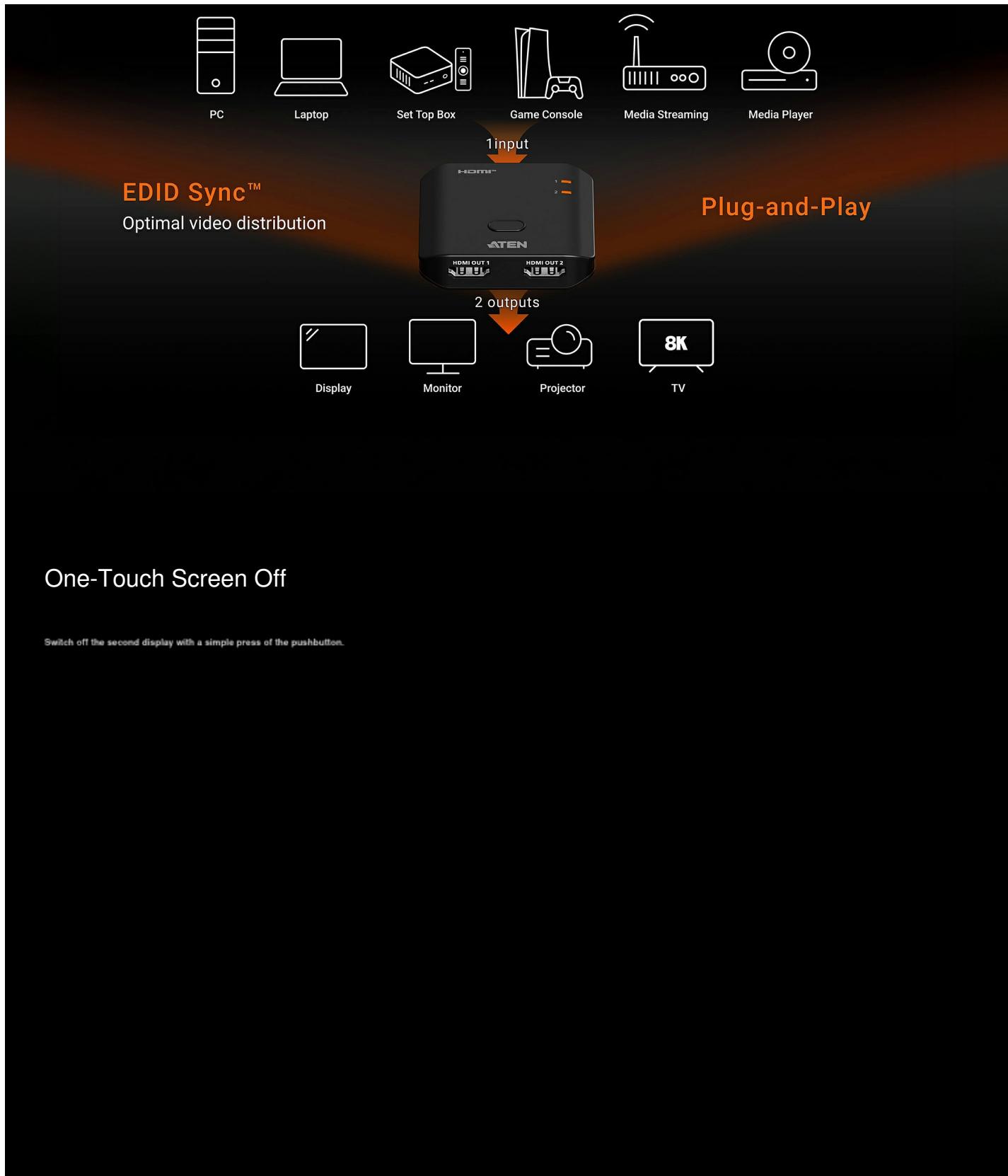
Up to 48 Gbps  
Ultra High Speed Video Transmission

# 48 Gbps



Broad Device Compatibility

Works with a wide range of input and output devices.











## 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 60Hz  
Support



48Gbps Max.  
Bandwidth



Compact  
Design



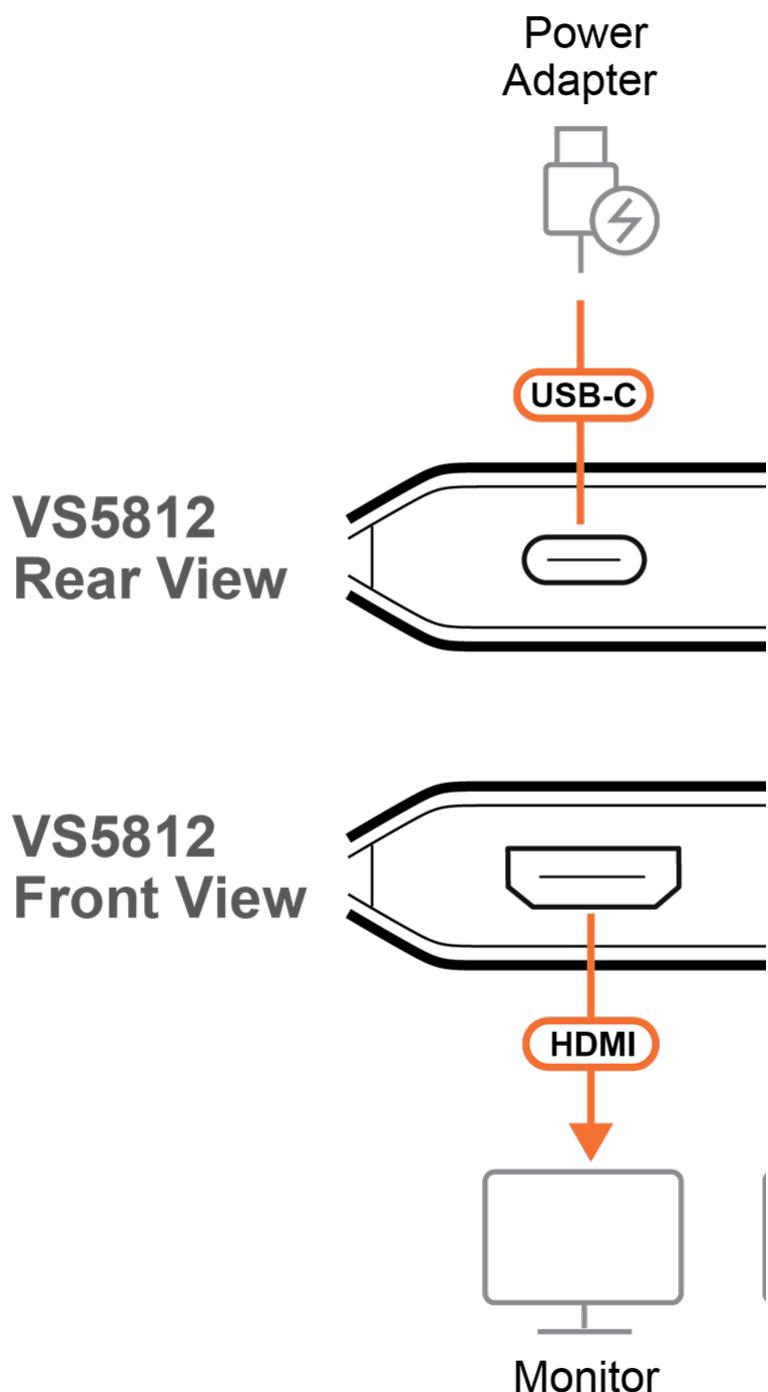
**Features**

- 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

## Specification

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 °C
Storage Temperature	-20 - 60 °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

**ATEN International Co., Ltd.**

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