

## 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

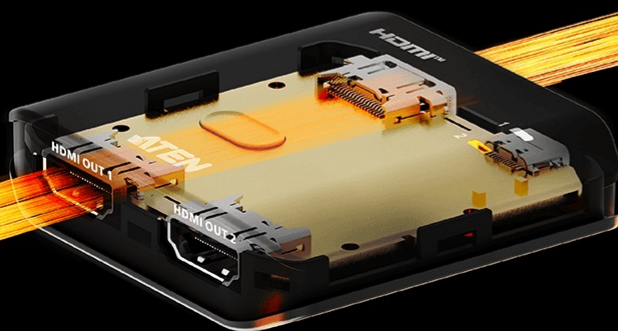


HDCP 2.2/2.3



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 visual performance from a single source to dual displays. Compact, robust, and effective in design, the VS5812 is the perfect choice for professional home theaters, hybrid gaming setups, professional studios, and commercial AV environments seeking uncompromised performance. Supporting resolutions up to 4K@120Hz and 8K@30Hz, the VS5812 is the essential device for dual display setups, allowing seamless support for 8K resolution displays and content. Featuring 100% CEC, P, D, and other essential HDMI and HDCP 2.2 capabilities, the VS5812 is the ultimate choice for dual display setups, supported by HDTVs, Blu-ray Disc Players, Video Streaming Devices, and more.



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

DTS-HD Master Audio | Dolby Atmos | Dolby Digital | Dolby Vision | 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.



PC



Laptop



Set Top Box



Game Console



Media Streaming



Media Player

1 input

### EDID Sync™

Optimal video distribution



### Plug-and-Play

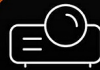
2 outputs



Display



Monitor



Projector

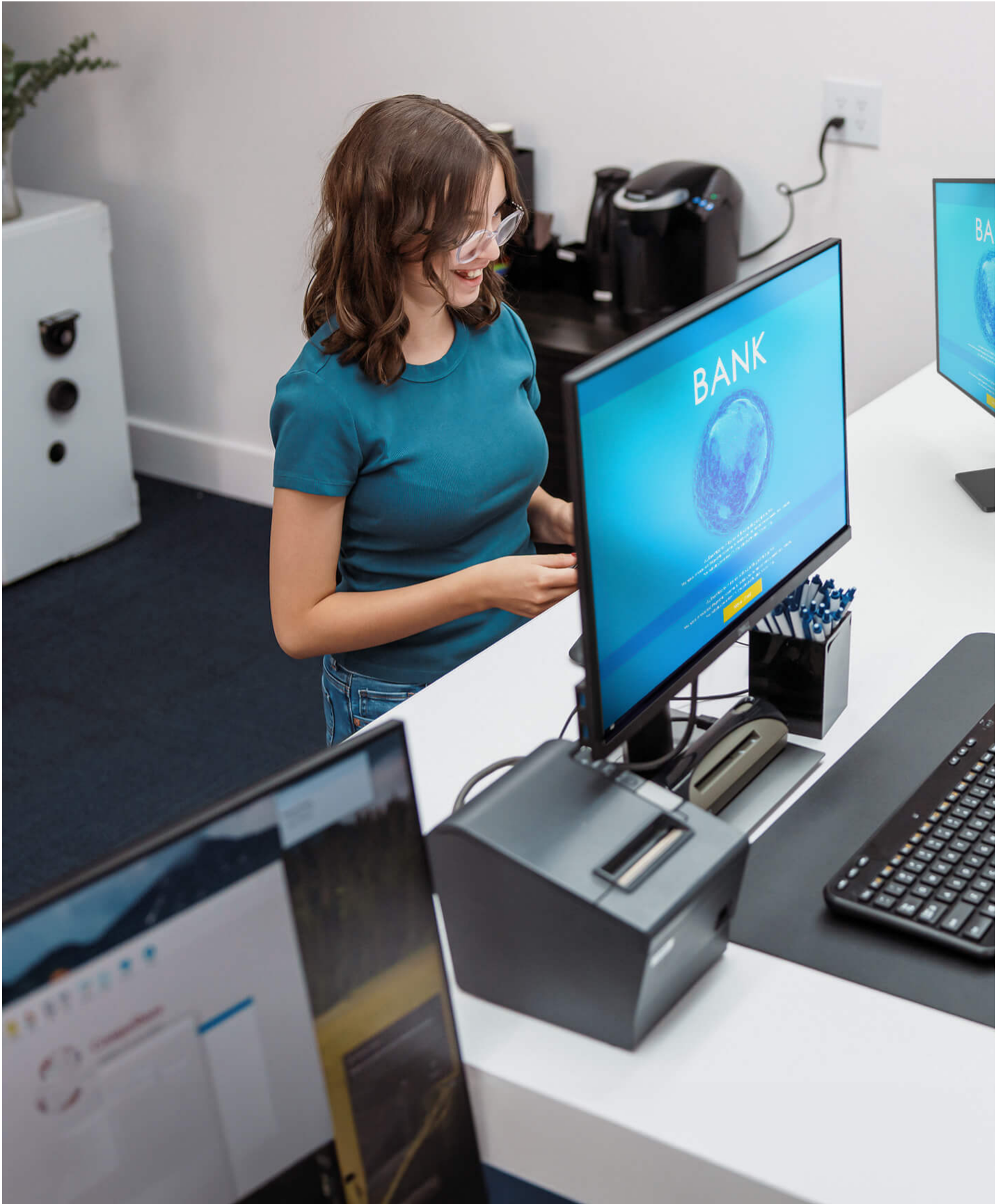


TV

## 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

4K  
120Hz

8K

HDR

HDMI™  
HIGH-DEFINITION MULTIMEDIA INTERFACE



48Gbps Max.  
Bandwidth



Accent Light



Compact  
Design



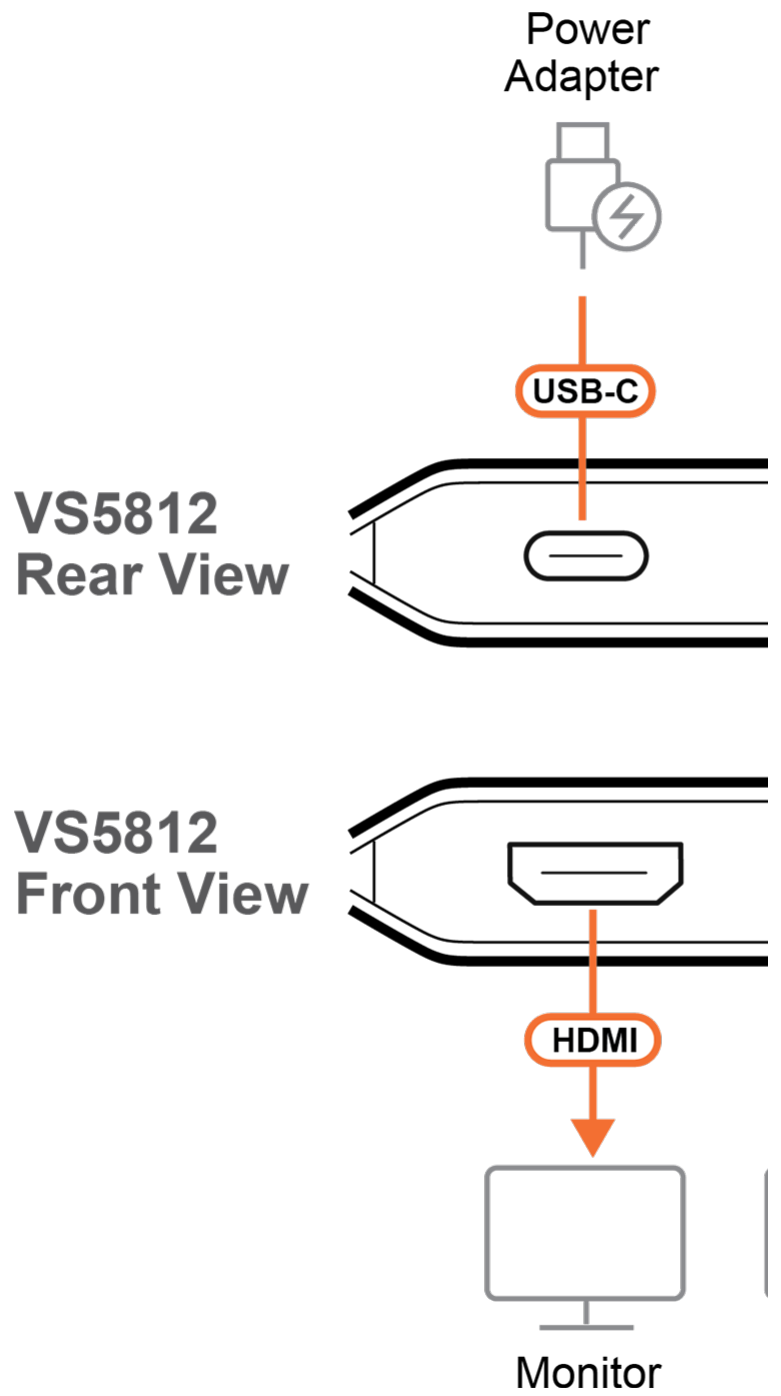
#### Features

- 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

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

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