

## 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

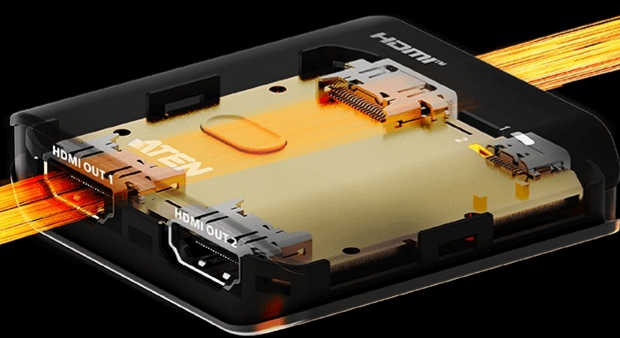


HDCP 2.2/2.3



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

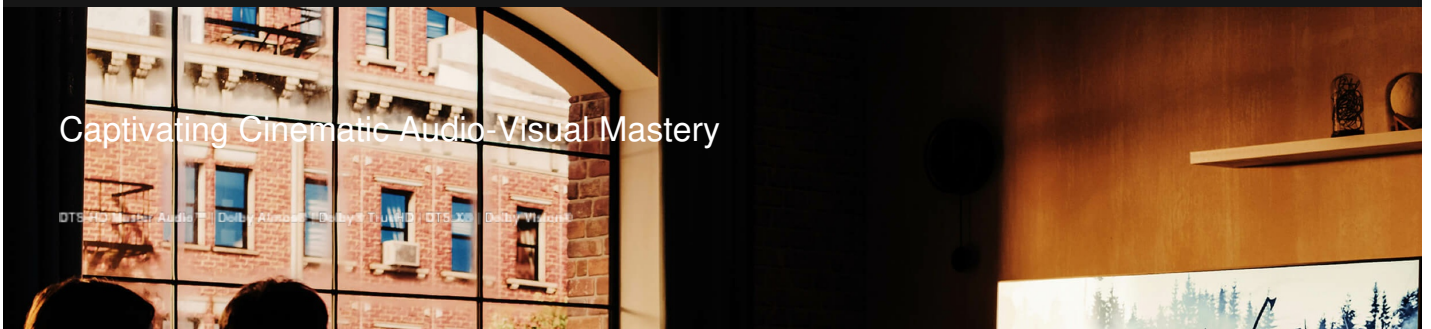
Variable Refresh Rate

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

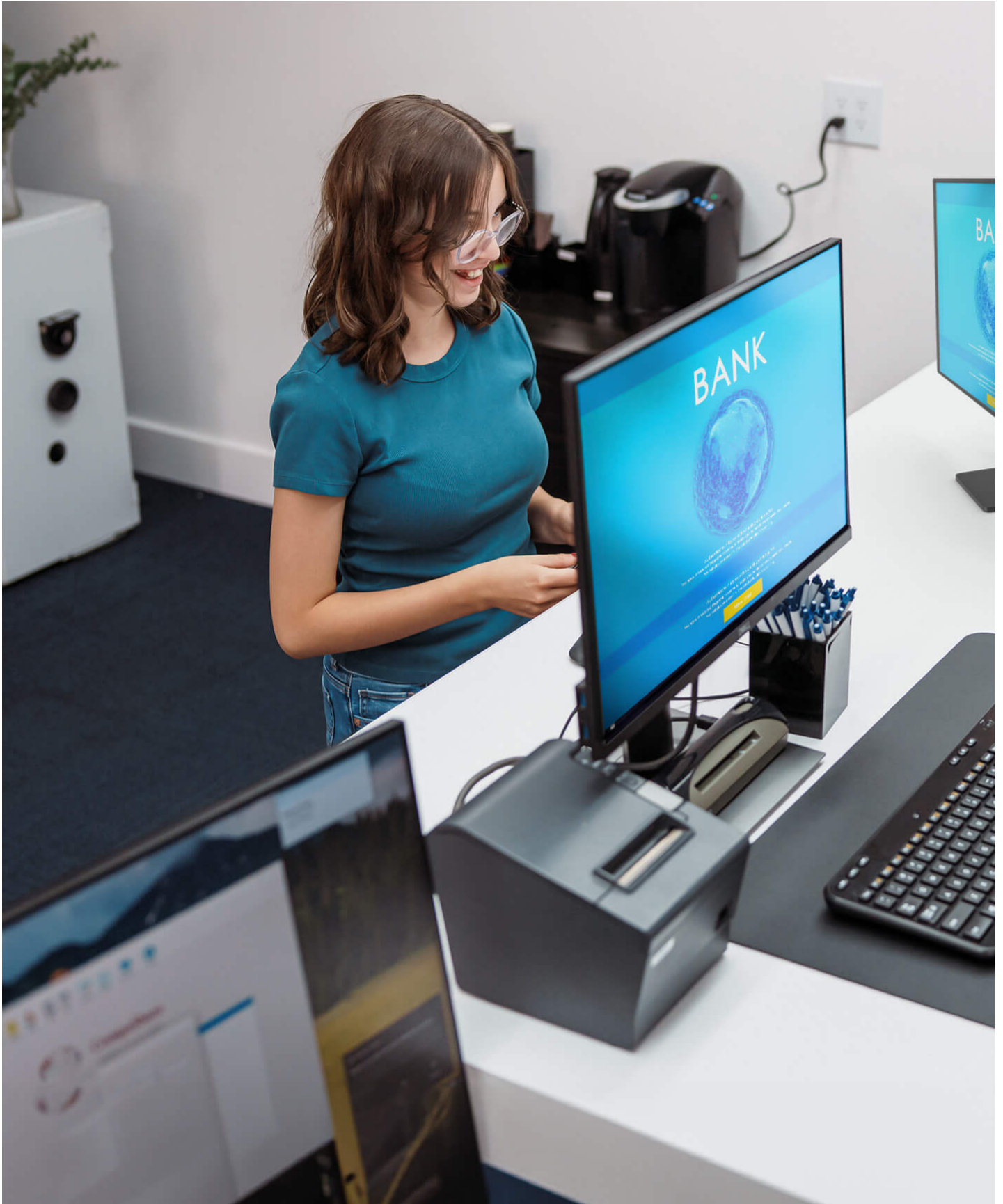


TV

## 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

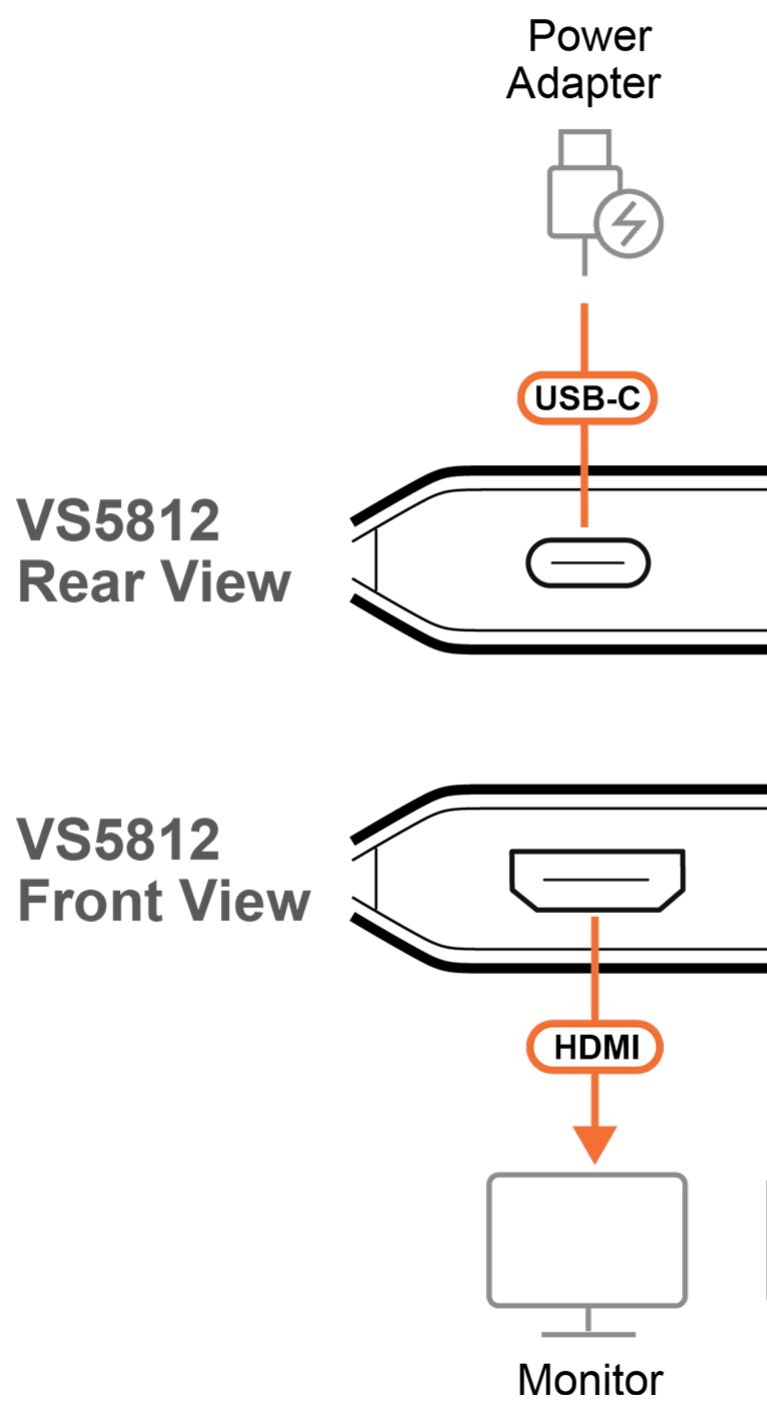
#### Features

- 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 $\Omega$                                                                                                                    |
| 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)<br>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<br>(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.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com



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