

## VS4812

2-Port True 4K HDMI Splitter



essentials



# 2-Port True 4K HDMI Splitter



VS4812

## Superior Video

3D | Deep Color | HDR10+

## Input



HDMI x1

## Output



HDMI x2



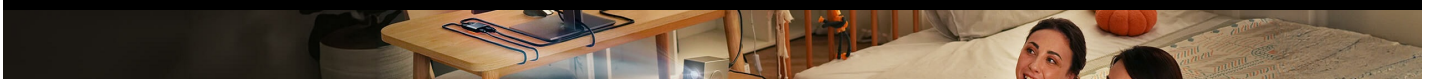
HDCP 1.4/2.2



Accent Light

## Premium Audio

DTS-HD Master Audio™ | Dolby® TrueHD



## Stunning True 4K Visuals - Stable, Reliable Dual-Display Output



The ATEN CS845 is a True 4K (3840x2160) splitter designed to handle demanding applications, professional, and broadcast grade 4K applications. It provides flexible dual display output (DDO) to the display simultaneously without loss of quality. HDCP 2.2 and HDCP 2.3 compliance ensure quality, high frame rate display operation. The device is CE, FCC, and RoHS Compliant and Easy Setup for True 4K display operation and other applications for a truly seamless viewing experience.



Aesthetic.

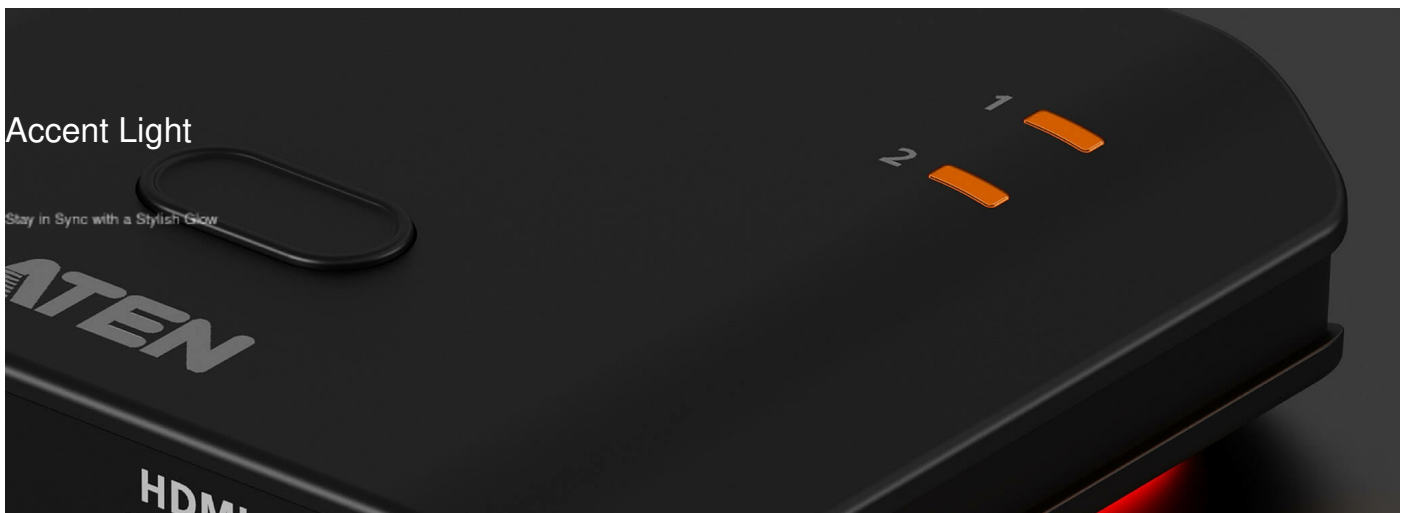
Compact.

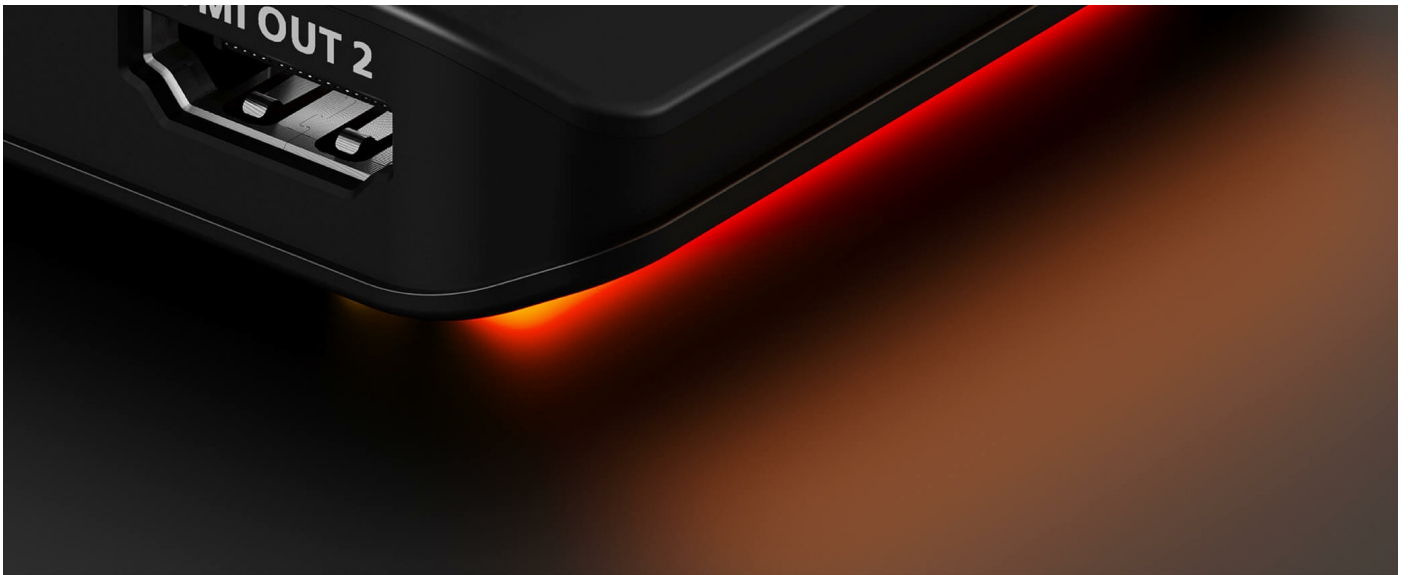
Portable.



Accent Light

Stay in Sync with a Stylish Glow



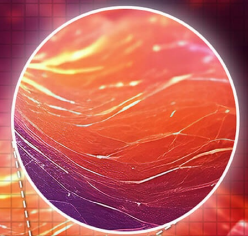


### True 4K + HDR

Crisp, Ultra High-Def Clarity



FHD



True 4K + HDR

### Broad Device Compatibility

Works with a wide range of input and output devices.



PC

Laptop

Set Top Box

Media Streaming

Media Player

1 input

### EDID Sync™

Optimal video distribution

Plug-and-Play



2 outputs



Display



Monitor



Projector



TV

## One-Touch Screen Off

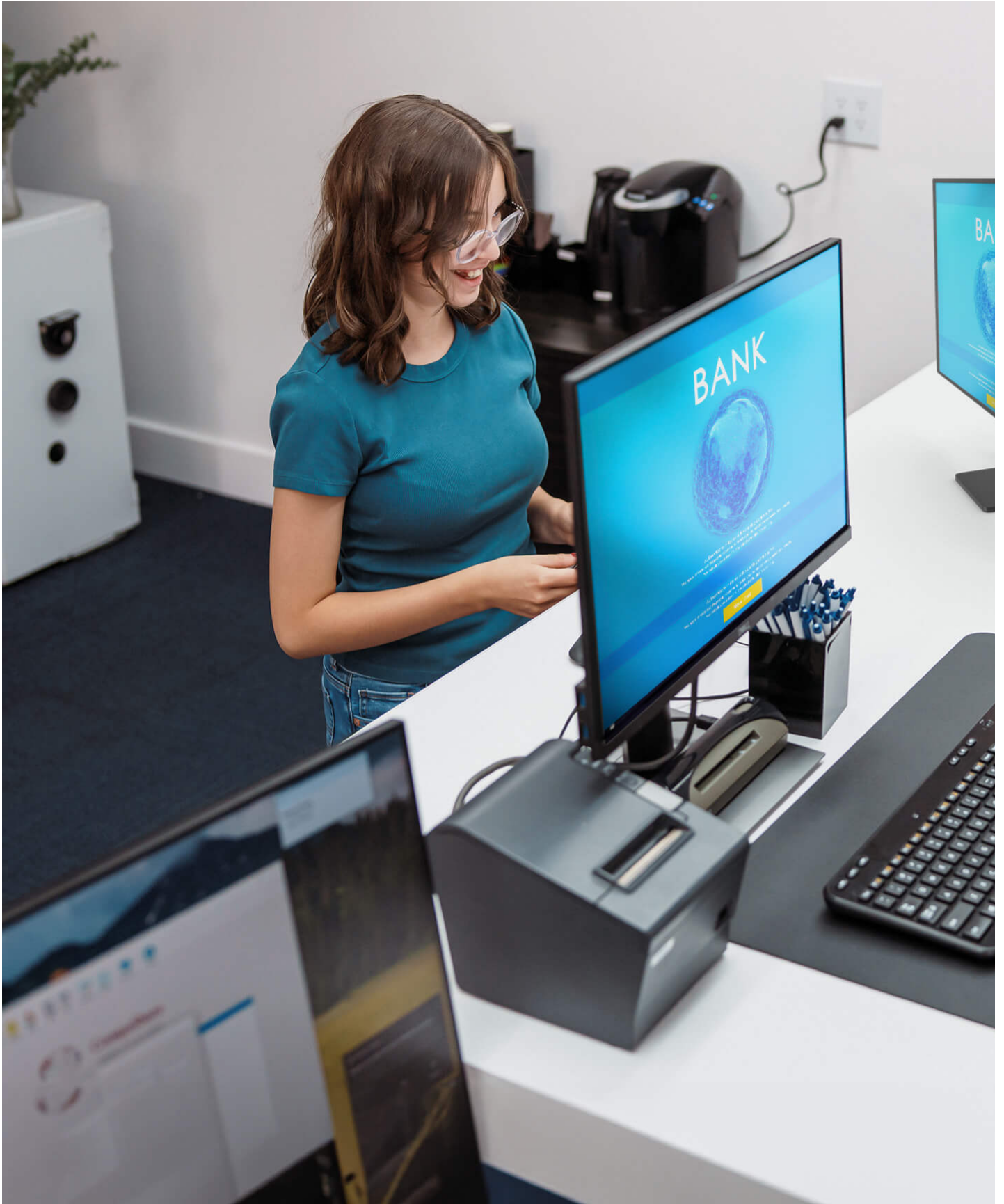
Switch off the second display with a simple press of the pushbutton.











## What's in the Box



2-Port True 4K HDMI Splitter

VS4812



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 \*

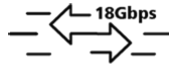
Email \*

Phone Number \*

- Customer Type \*

Job Title \*





18Gbps Max.  
Bandwidth



Accent Light



Compact  
Design

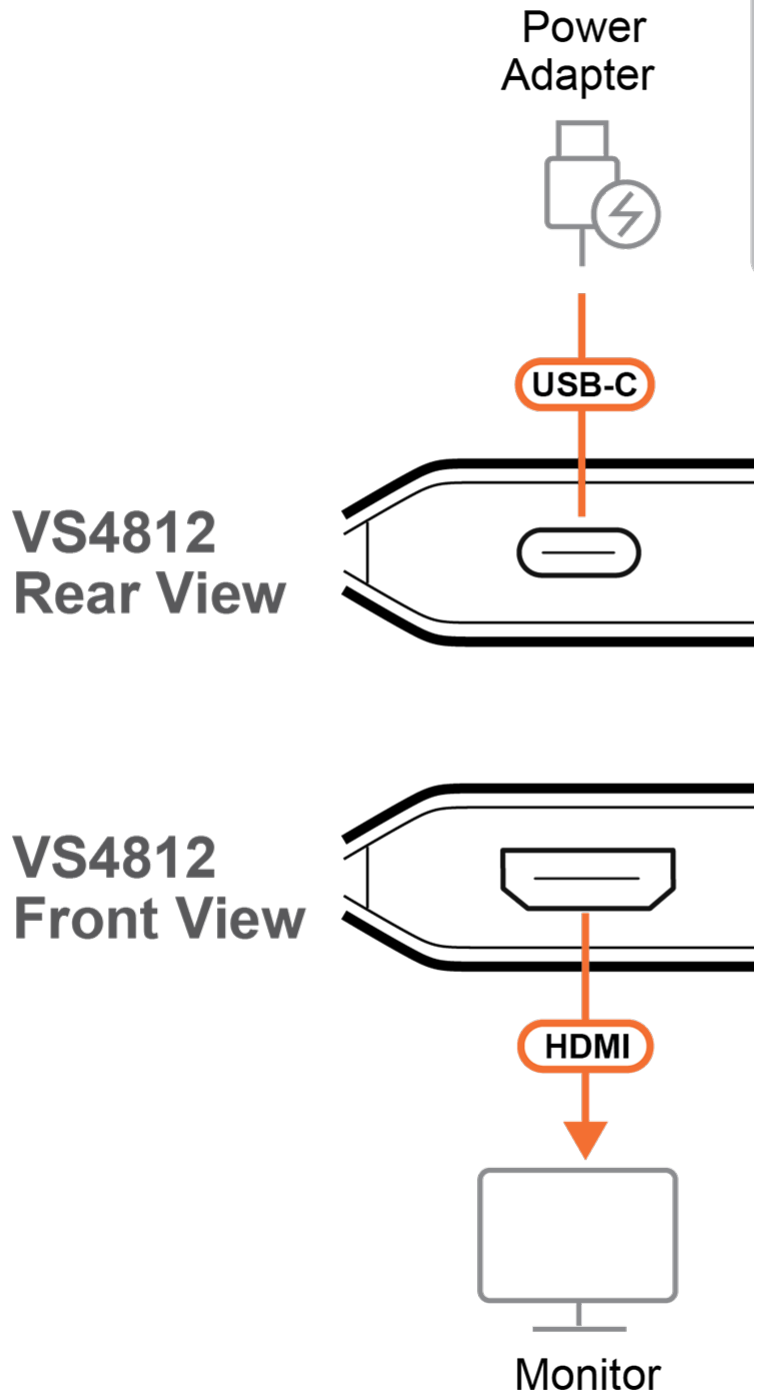
**Features**

- EDID Sync™ Smart Display Optimization
  - Automatically optimizes resolutions and prevents display issues for flawless display presentation
  
- True 4K Dual-Display Sharing
  - Shares one HDMI source across two True 4K displays for double the visual impact with uncompromised quality
  
- HDMI 3D/Deep Color, HDR10+, HDCP 2.2 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	3m at 3840x2160 @ 60Hz (4:4:4)
Video Output	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3m at 3840x2160 @ 60Hz (4:4:4)
Video	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI (3D, Deep Color, 4K) HDCP 2.2 Compatible
Max. Resolution	3840 x 2160 @ 60Hz (4:4:4)
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)
LEDs	
LED Indicator	2 x Port Indicator (Orange)
Power	2 (Orange, Bottom Side)
Cable Length	
USB Cable	1 x USB Type-C to Type-A (1m)
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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