

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 diverse inputs: 4K monitors, professional, and broadcast grade 4K applications. It provides flexible output options: Dual 4K (3840x2160) or two 4K displays simultaneously without loss of quality. HDCP 2.2 compliant and HDCP 1.4 compliant. Supports 4K@60Hz, 4K@30Hz, 2K@60Hz, and 2K@30Hz. Supports 4K@60Hz, 4K@30Hz, 2K@60Hz, and 2K@30Hz. Supports 4K@60Hz, 4K@30Hz, 2K@60Hz, and 2K@30Hz. Supports 4K@60Hz, 4K@30Hz, 2K@60Hz, and 2K@30Hz.



Aesthetic.

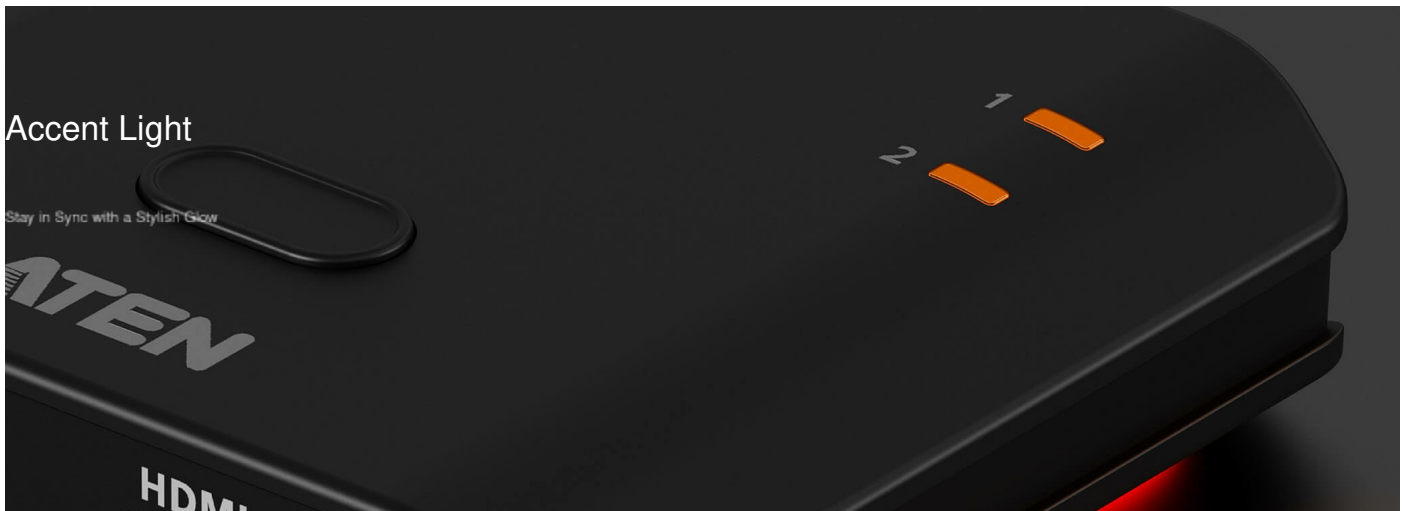
Compact.

Portable.



Accent Light

Stay in Sync with a Stylish Glow



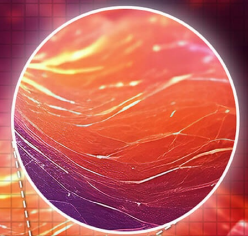


True 4K + HDR

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

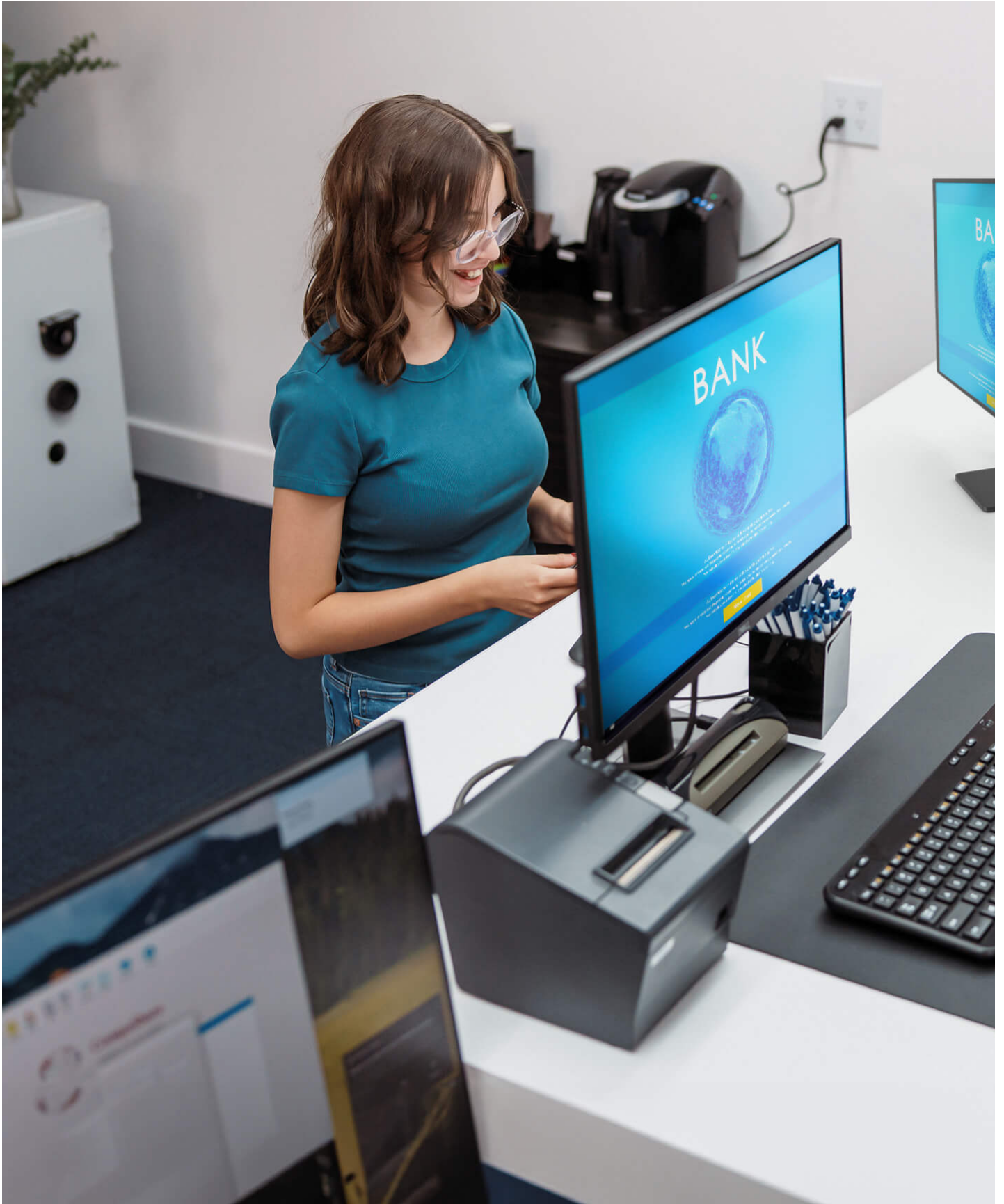
Switch off the second display with a simple press of the pushbutton.











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 *

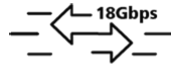
Email *

Phone Number *

- Customer Type *

Job Title *





18Gbps Max.
Bandwidth



Accent Light



Compact
Design

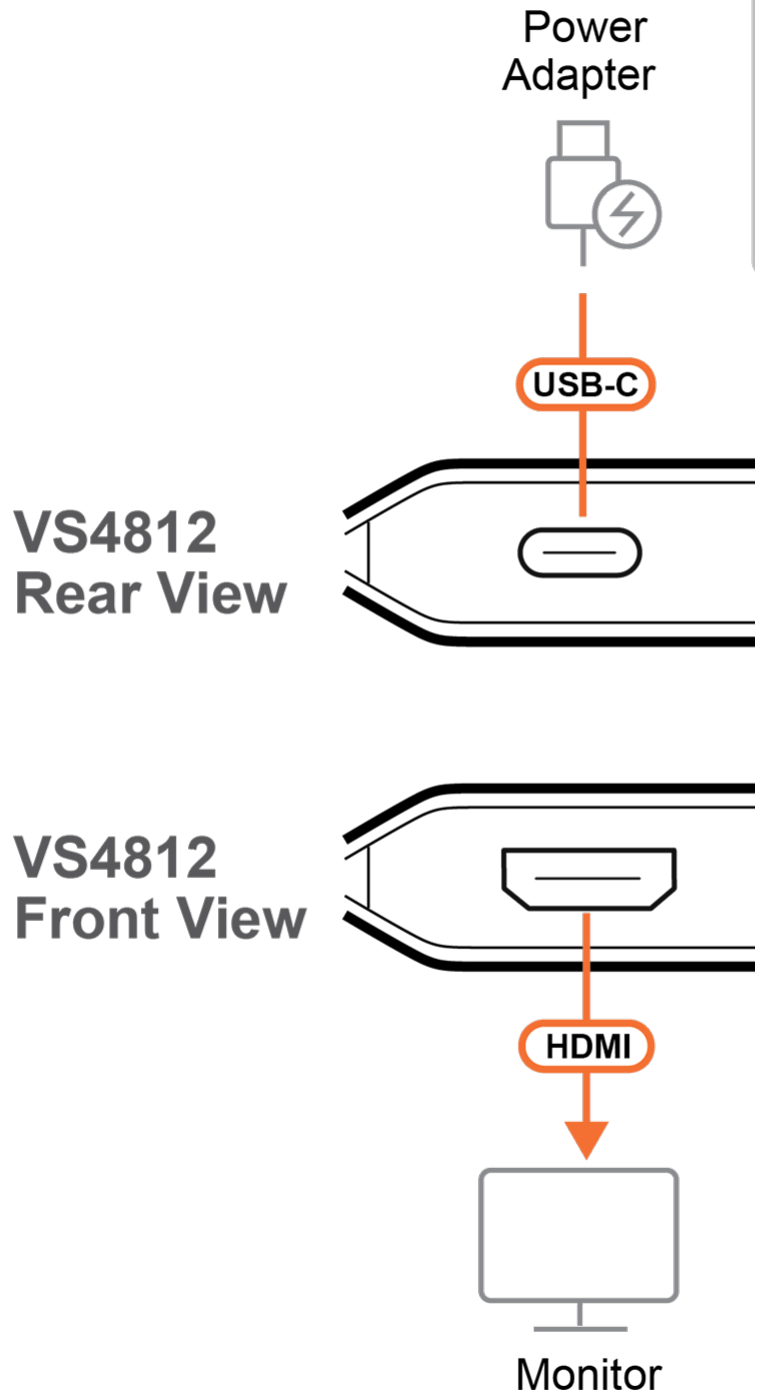
Features

- 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

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