

**VS5821**

2-Port 8K HDMI Switch



essentials  
**2-Port 8K  
HDMI Switch**

**8K****4K**  
120Hz

VS5821

**Superior Video**  
3D | Deep Color | HDR10+

## Input



HDMI x2

## Output



HDMI x1

## Ultra High Speed



**48 Gbps** Data Transfer

Accent Lig

HDCP 2.2/2.3

## Premium Audio

DTS-HD Master Audio™ | Dolby® TrueH



Instant Switching, Exceptional Detail, Vibrant 8K Visuals



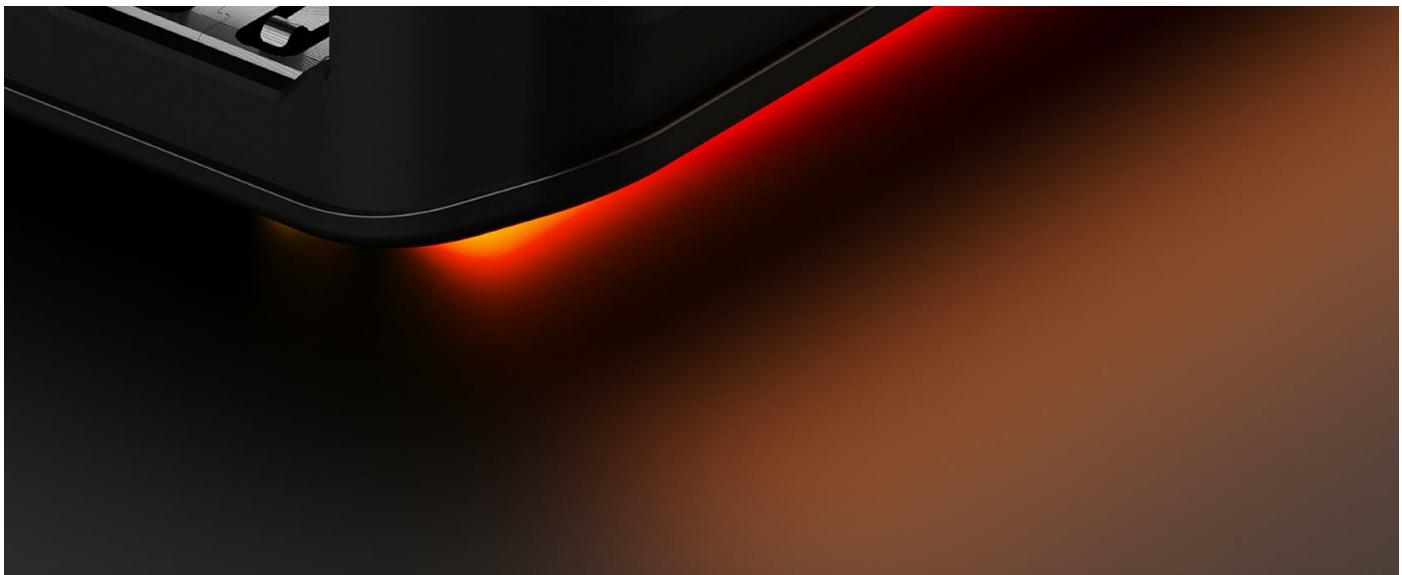
The ATEN 2-Port HDMI Switcher is a compact, cost-effective solution to switch and connect to two HDMI devices to one monitor. It supports 4K@60Hz resolution and performs 8K@30Hz. Features: 2x HDMI, 1x HDMI output, 2x 8K@30Hz switching between two HDMI sources to one monitor. It has a sleek, compact design with a single button to be pushed, and it can be used in a wide range of applications such as gaming, video editing, and streaming.

Aesthetic.  
Compact.  
Portable.



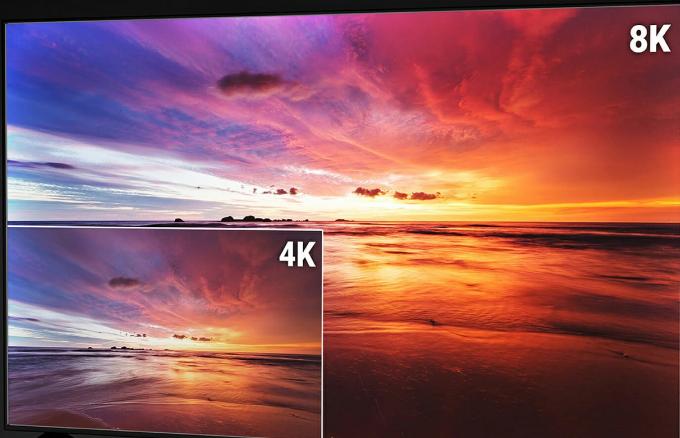
Accent Light





## 8K + HDR

Vivid, lifelike Visuals  
with Vibrant Color Depth

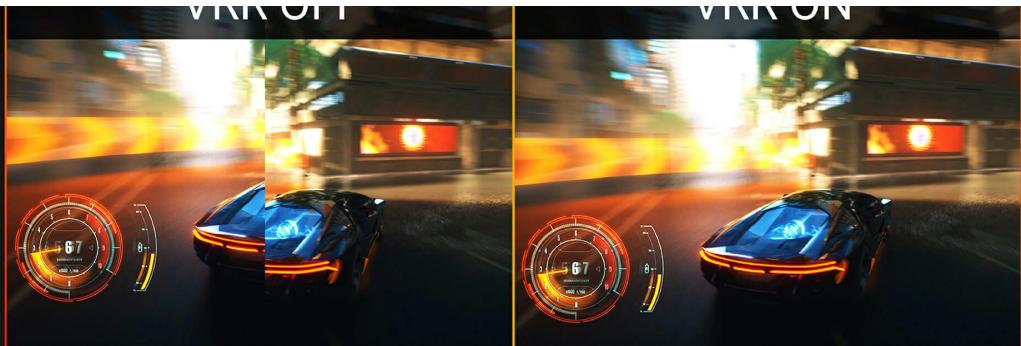


Dive in. Game on.

Enjoy ultra-smooth, responsive gameplay.

VRR OFF

VRR ON

**VRR**

Variable Refresh Rate

**ALLM**

Automatic Low Latency Mode

**Captivating Cinematic Audio-Visual Mastery****Up to 48 Gbps**  
Ultra High Speed Video Transmission**48 Gbps**

# 48 Gbps



One-Button Switch  
2-to-1 RapidSync™











## What's in the Box



2-Port 8K HDMI Switch

**VS5821**



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  
48Gbps  
4:4:4 Color Depth



8K  
48Gbps  
4:4:4 Color Depth



HDR  
48Gbps  
4:4:4 Color Depth

**4K** **8K** **HDR** **HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

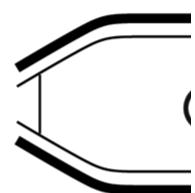
**Features**

- RapidSync™ High-Speed AV Switching
  - Ensures instant synchronization and ultra-fast transitions, eliminating signal delay
- Ultra-High Resolution Visuals
  - Delivers 8K @ 60Hz and 4K @ 120Hz for exquisite clarity and unparalleled realism
- 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
- Instant Source Switching
  - Easily switches between two HDMI sources via pushbutton for quick, hands-on control
- Aesthetic Compact Form
  - Slim profile and stylish accent lighting allow integration into any space, perfectly complementing your setting

## Specifications

Video Input	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	1.5m at 7680x4320 @ 60Hz (4:2:0)
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	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	2 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)
LEDs	
Selected	2 x Port Selector (Orange)
Power	2 (Orange, Bottom Side)
Connectors	
Power	1 x USB-C (5V/1A)
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

I  
A**VS5821**  
Rear View**VS5821**  
Front View or  
TV Box



Simply Better Connections

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