

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 Light



HDCP 2.2/2.3

Premium Audio

DTS-HD Master Audio™ | Dolby® TrueHD



Instant Switching, Exceptional Detail, Vibrant 8K Visuals



The ATEN HDMI 2.1 switcher is designed to deliver exceptional 8K 60Hz performance for both personal and professional workflows. Featuring 100% CEC and HDCP 2.3, it provides a seamless and secure connection to your 8K content. Its sleek design and compact form factor make it a perfect addition to any setup, ensuring you can enjoy the full benefits of 8K content without any compromise.

Aesthetic.

Compact.

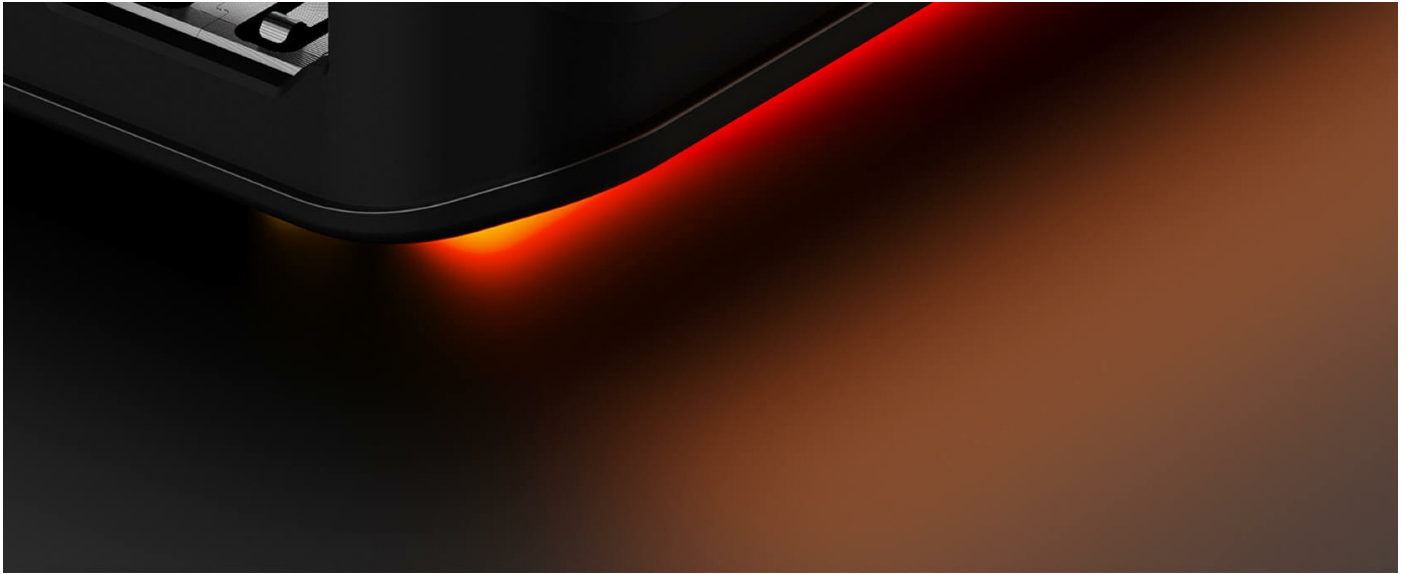
Portable.



Accent Light

Stay in Sync with a Stylish Glow





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

DTS-HD Master Audio | Dolby Digital HD

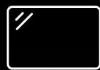
Up to 48 Gbps
Ultra High Speed Video Transmission

4001

48 Gbps



One-Button Switch
2-to-1 RapidSync™



Display



Monitor



Projector

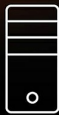


TV

1 output



2 inputs



PC



Laptop



Set Top Box



Game Console



Media Streaming



Media Player









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 *



48Gbps Max.
Bandwidth



Accent Light



Compact
Design



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

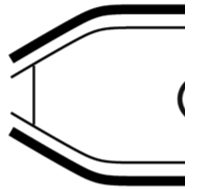
Specifications

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

F
A

**VS5821
Rear View**



**VS5821
Front View**



TV Box



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



© Copyright 2015 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their
respective owners.