

## 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

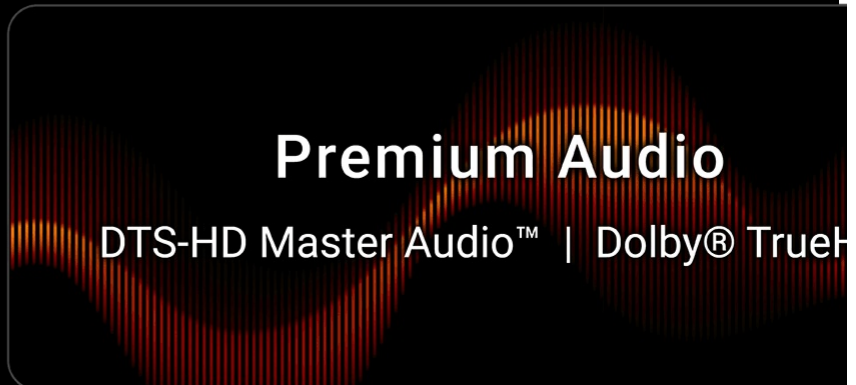


Accent Lig

**HDCP 2.2/2.3**

## Premium Audio

DTS-HD Master Audio™ | Dolby® TrueH



## Instant Switching, Exceptional Detail, Vibrant 8K Visuals

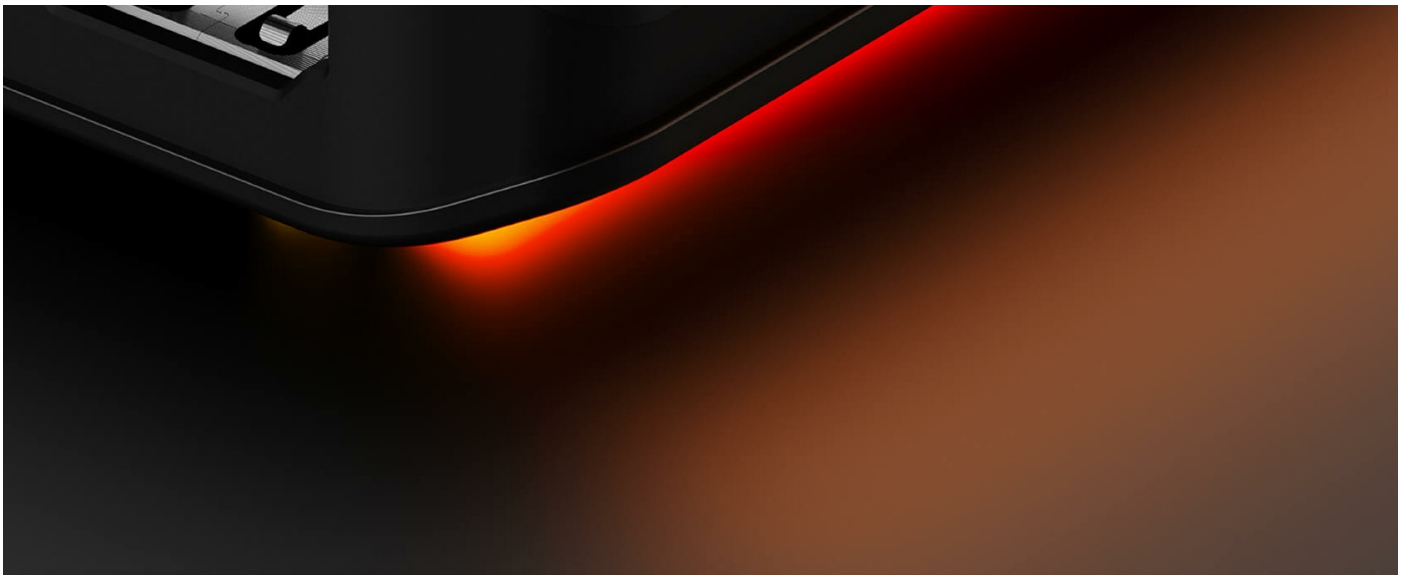
Aesthetic.

**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







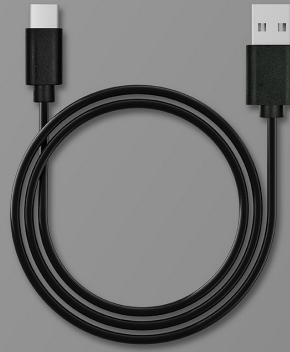


## What's in the Box



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 *      | <input type="text"/> |
| Last Name *       | <input type="text"/> |
| - Country *       | <input type="text"/> |
| Company *         | <input type="text"/> |
| Email *           | <input type="text"/> |
| Phone Number *    | <input type="text"/> |
| - Customer Type * | <input type="text"/> |
| Job Title *       | <input type="text"/> |

#### 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

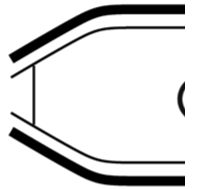
# Specifications

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>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<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. |

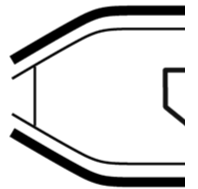
Diagram

1  
A

**VS5821**  
**Rear View**



**VS5821**  
**Front View**



TV Box



Simply Better Connections

**ATEN International Co., Ltd.**

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