

VS182B

2-Port True 4K HDMI Splitter



Double the True 4K Brilliance on Dual Displays

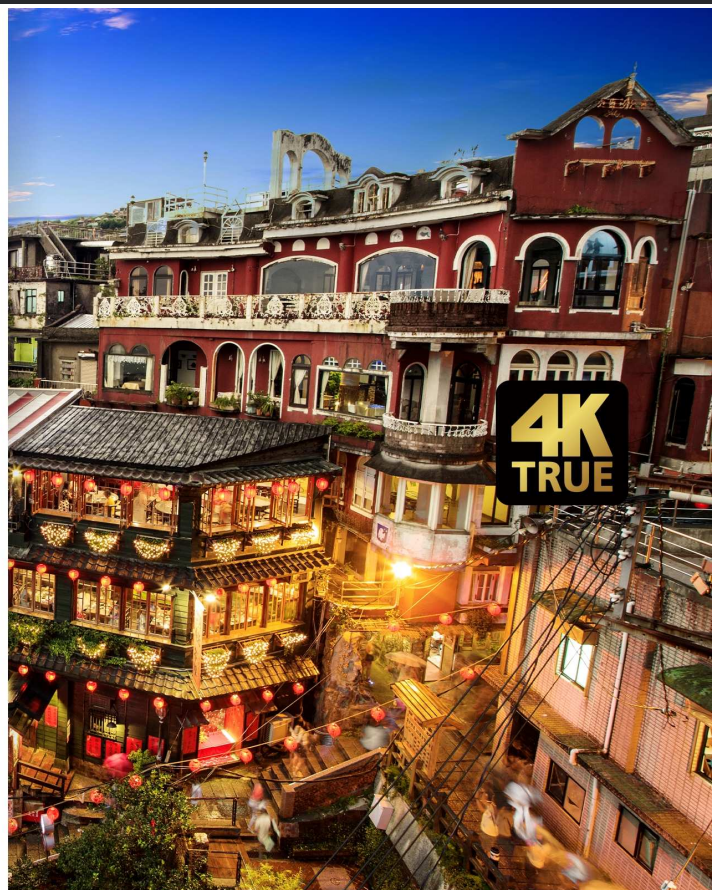


VS182B 2-Port True 4K HDMI Video Splitter

The VS182B is a 2-port video splitter that delivers True 4K audiovisual content from a single HDMI source to two HDMI displays simultaneously. It's an ideal addition to any AV setup where consistent, high-definition content sharing is essential – such as in home entertainment systems, SOHO studios, meeting rooms, classrooms, and more.

One Source, Dual Video Distribution

The video splitter accepts input from an HDMI device – such as a PC, laptop, media player, and more – and streams the AV content to up to two HDMI-enabled displays, making it suitable for both consumer and professional applications.



True 4K Visual Clarity

The VS182B delivers stunning video quality with crystal-clear detail at resolutions up to True 4K (4096x2160 / 3840x2160 @ 60Hz, 4:4:4).

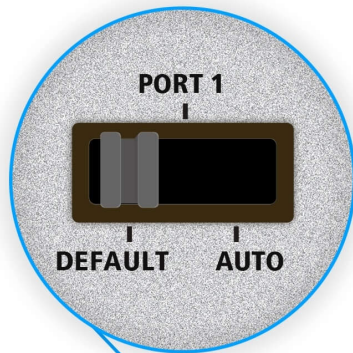
Flexible Long-Distance Cabling

The VS182B allows flexible cabling with connections to an HDMI source and to each HDMI display of up to 5 meters in length, delivering data rates of up to 18 Gbps.



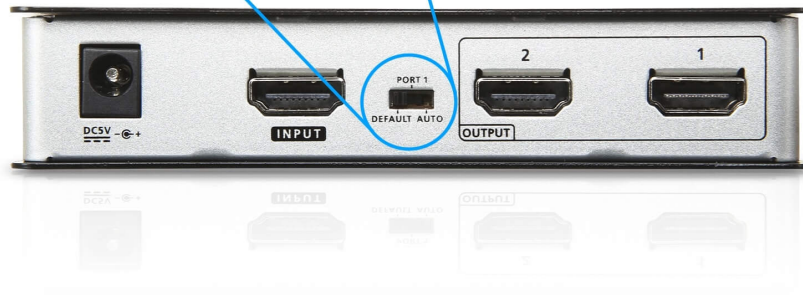
No More Blank Screens

Featuring ATEN EDID Expert™, the video splitter offers selectable EDID settings to ensure smooth power-up and optimal video resolution across different displays.



Select from 3 EDID Settings:

- **Auto Mode**
- **Port-1 Mode**
- **Default Mode**



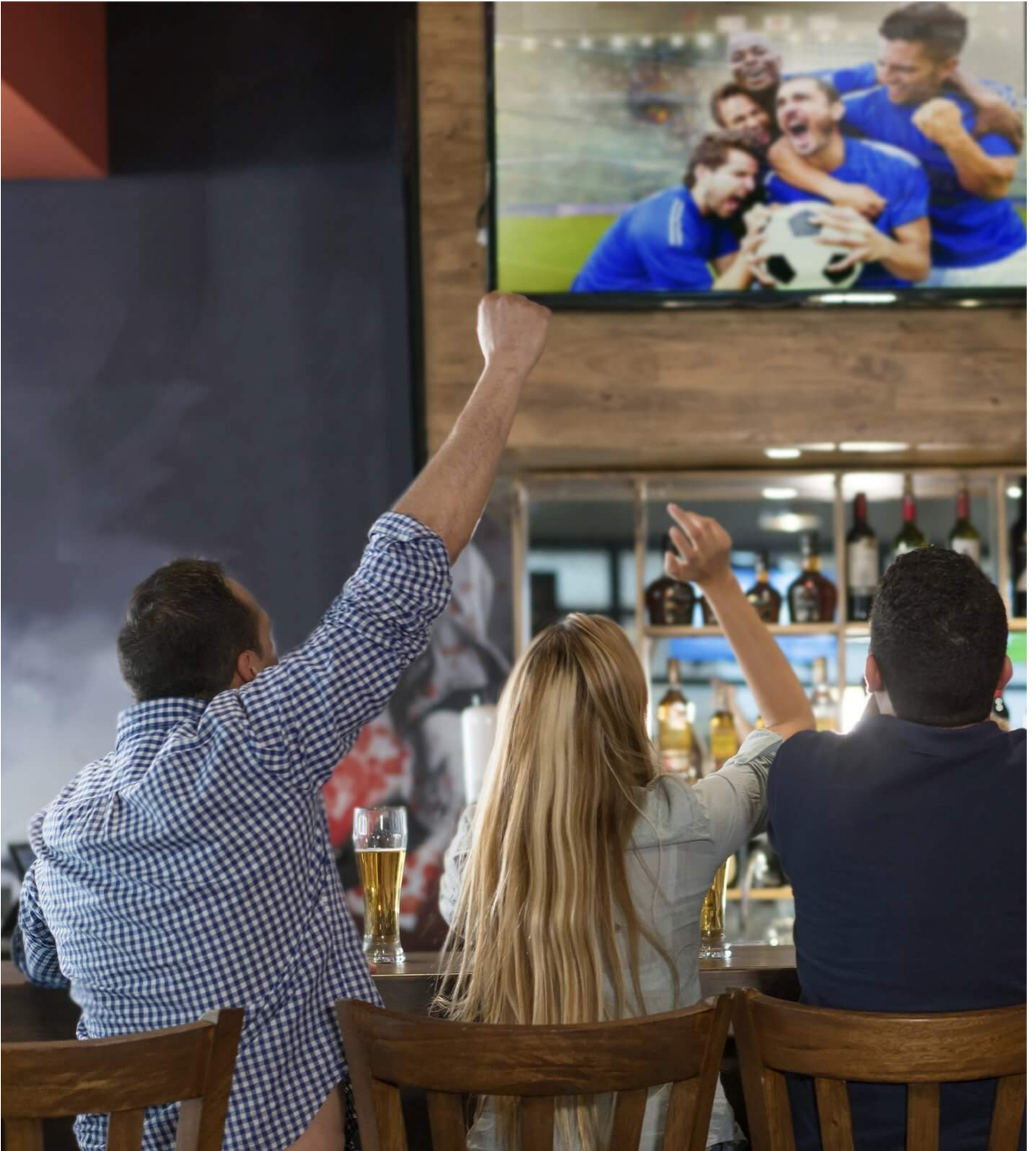
Applications

The video splitter is ideal for applications that require seamless distribution of pristine audiovisual content across multiple displays, ensuring a stunning viewing experience in any AV setup.

- 1.
- 2.
- 3.
- 4.
- 5.



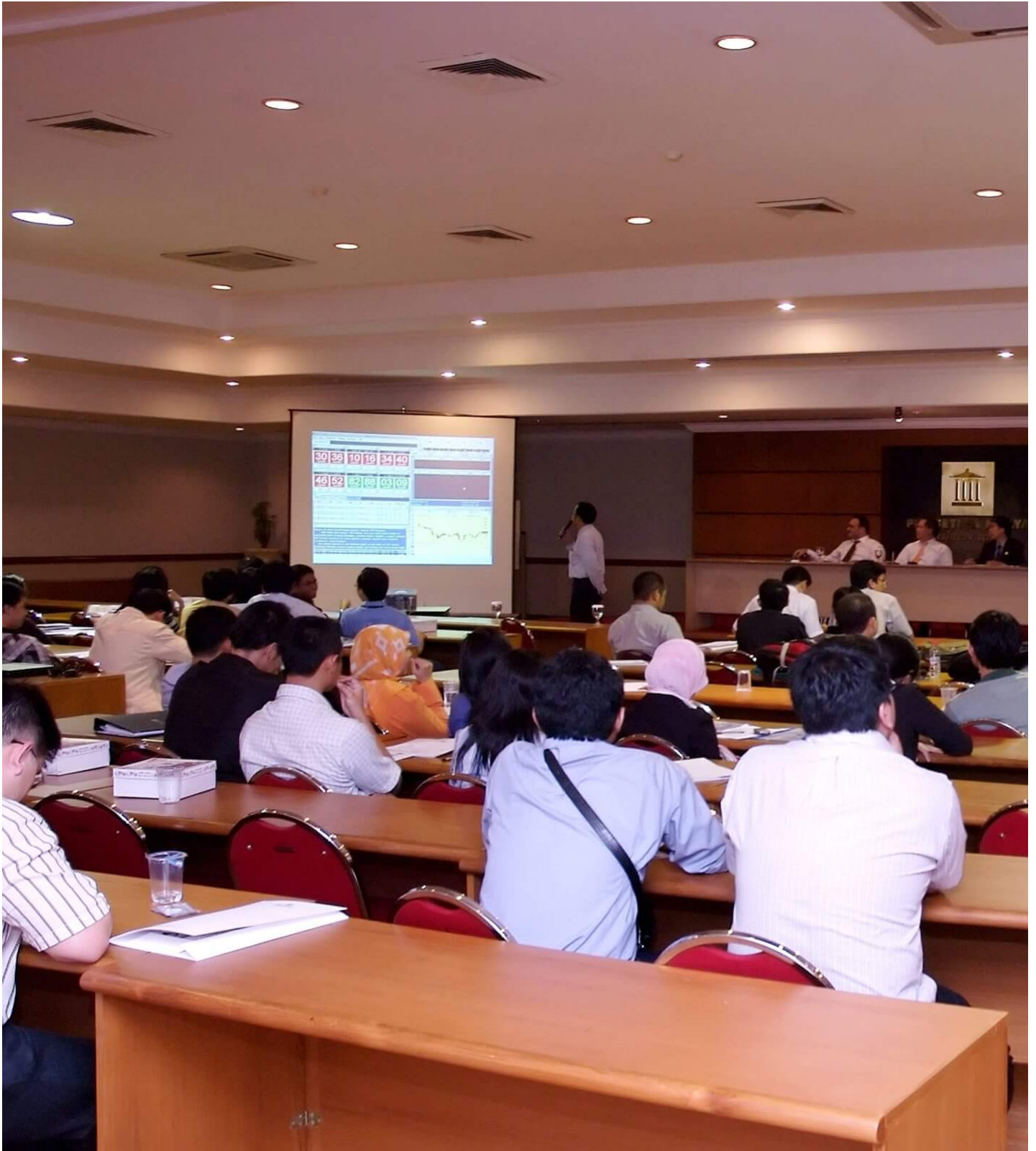
Superstore



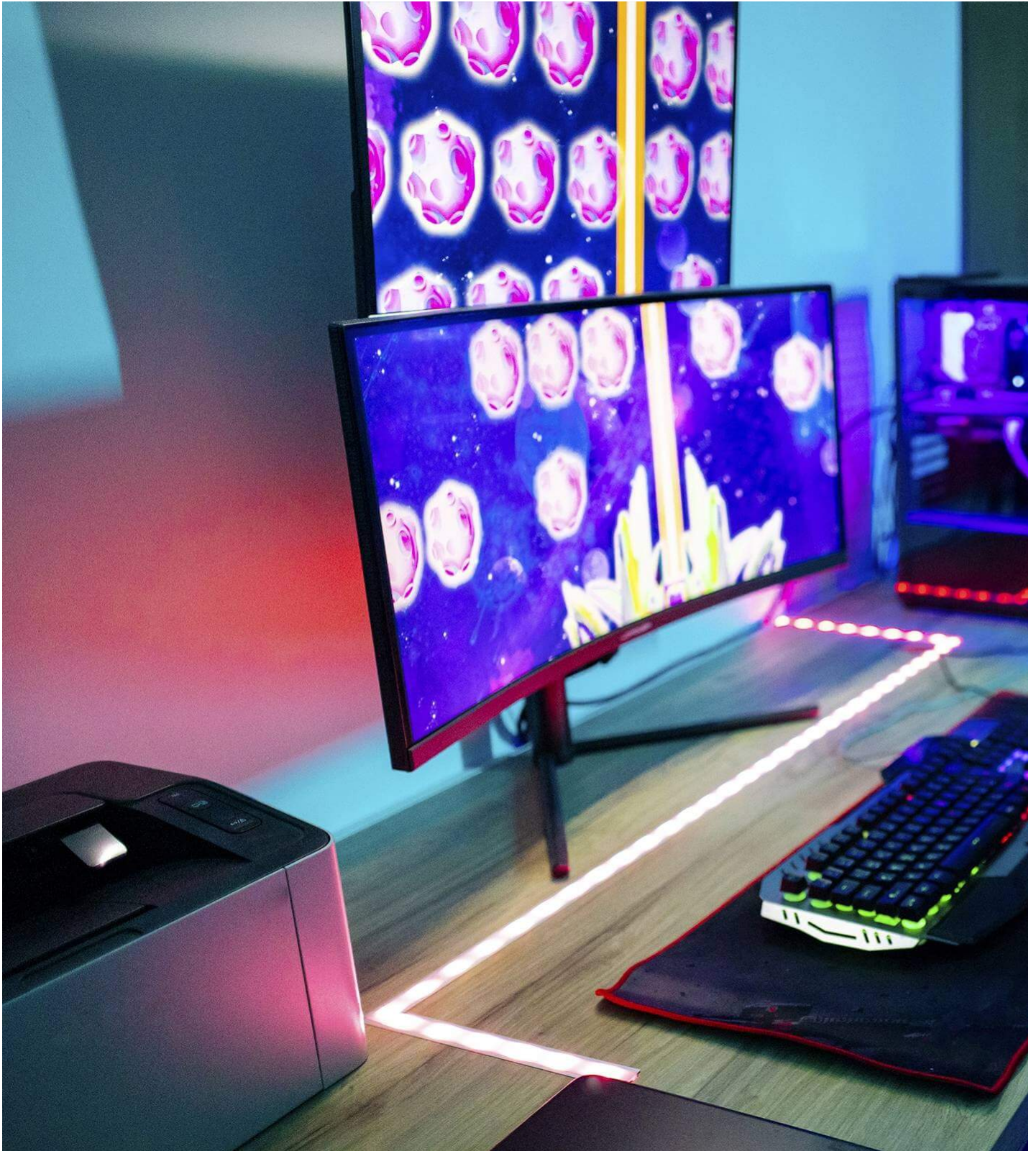
Sports Bar



Station



Lecture Hall



Live Game Streaming

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Commitment to Best Quality

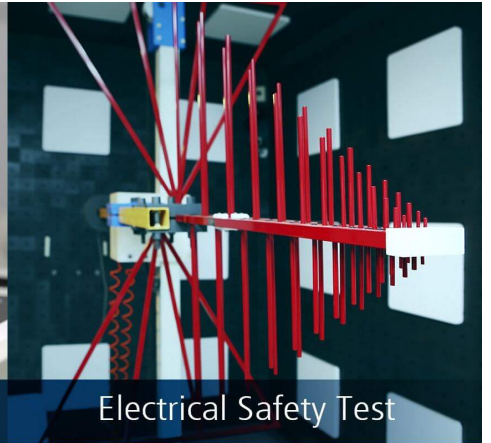
Each product is rigorously tested under diverse environmental conditions to ensure high-quality, reliable, and cost-effective performance for our customers.



Temperature & Humidity Test



Reliability Test



Electrical Safety Test



ISO9001:2015 & ISO14000

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 *

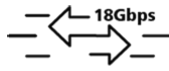
Email *

Phone Number *

- Customer Type *

Job Title *





18Gbps Max. Bandwidth

EDID Expert™

Features

The VS182B True 4K HDMI Splitter is the perfect solution for anyone who needs to send one source of digital high definition video to two displays at the same time. It supports all HDMI-enabled equipment, such as DVD players, satellite set-top boxes and all HDMI monitors, displays, projectors, or TVs.

The VS182B True 4K HDMI Splitter is HDMI 2.0 compliant, 4K at 60Hz (4:4:4), and supports multiple streaming audio, making it effective for use with all HDMI displays in home theater applications, as well as in corporate, educational and commercial settings.

- Connects one HDMI source to two HDMI displays at the same time
- HDMI (3D, Deep Color, 4K); HDCP 2.2 Compatible
- Supports HDR10+
- Supports max resolutions of up to 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
- Long distance transmission- up to 15 m(1920x1200) / 5 m (True 4K)*
- Max pixel clock rate up to 600 MHz
- Max data rate up to 18 Gbps (6 Gbps per lane)
- LED indication of power status and source devices
- EDID Expert™ – Selects optimum EDID settings for smooth power-up, high-quality display and use of the best video resolution via EDID DIP Switch, allowing users to effortlessly switch among Port 1, Default, and Auto
- Plug-and-play – No software installation required

* Note: Compatible with ATEN [2L-7D02H-1](#)

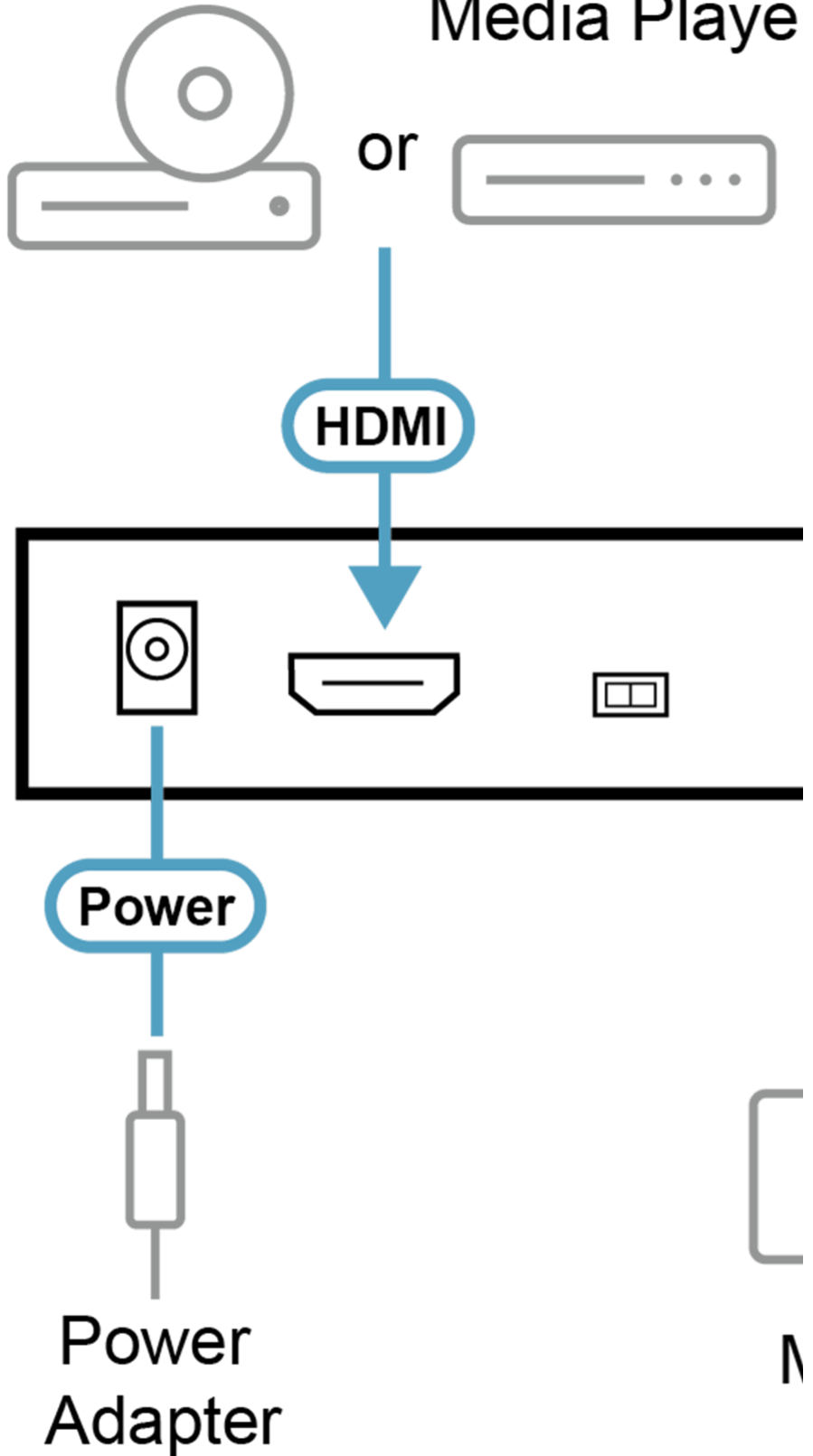
Specifications

| | |
|------------------------|--|
| Video Input | |
| Interfaces | 1 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 5m at 4K@60Hz (4:4:4) |
| Video Output | |
| Interfaces | 2 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 5m at 4K@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 Compatible |
| Max. Resolution | Up to 4096 x 2160 / 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 DC Jack |
| Power Consumption | DC5V:4.24W:20BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental | |
| Operating Temperature | 0-40 °C |
| Storage Temperature | -20 - 60 °C |
| Humidity | 0 - 80% RH, Non-Condensing |
| Physical Properties | |
| Housing | Metal |
| Weight | 0.32 kg (0.7 lb) |
| Dimensions (L x W x H) | 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 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

Blu-ray Player

DVD /
Media Playe



Note: Connects up to 2 display

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