

VS184B

4-Port True 4K HDMI Splitter



Experience True 4K AV with 4X the Impact



The VS184B is a 4-Port video splitter that distributes True 4K audiovisual content from a single HDMI input source to four HDMI-enabled displays simultaneously. Requiring no additional software setup or configuration, it is an ideal addition to home entertainment systems, digital signage deployments, as well as educational and commercial setups.

One Source, 4-Way Video Distribution

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



True 4K Visual Clarity

The VS184B delivers stunning video quality with crystal-clear detail at resolutions up to True 4K (4096×2160 / 3840×2160 @ 60Hz, 4:4:4)

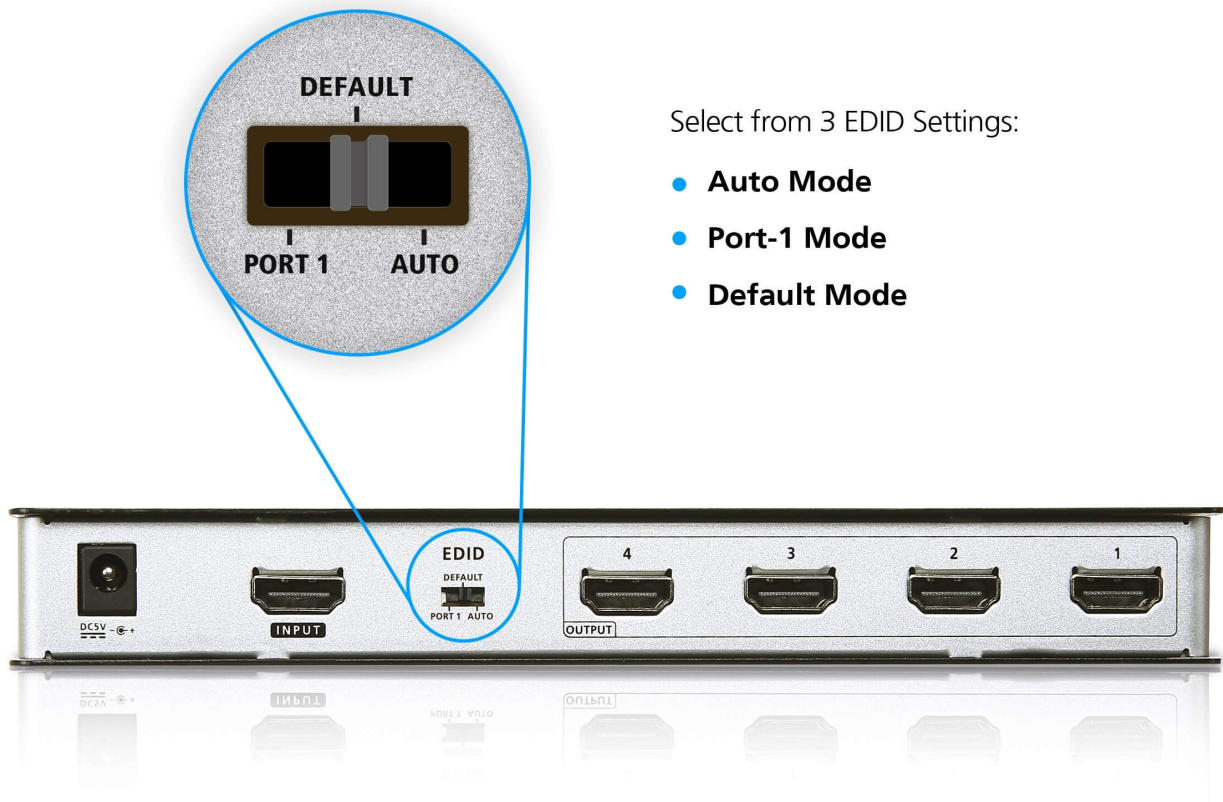
Flexible Long-Distance Cabling

The VS184B 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:

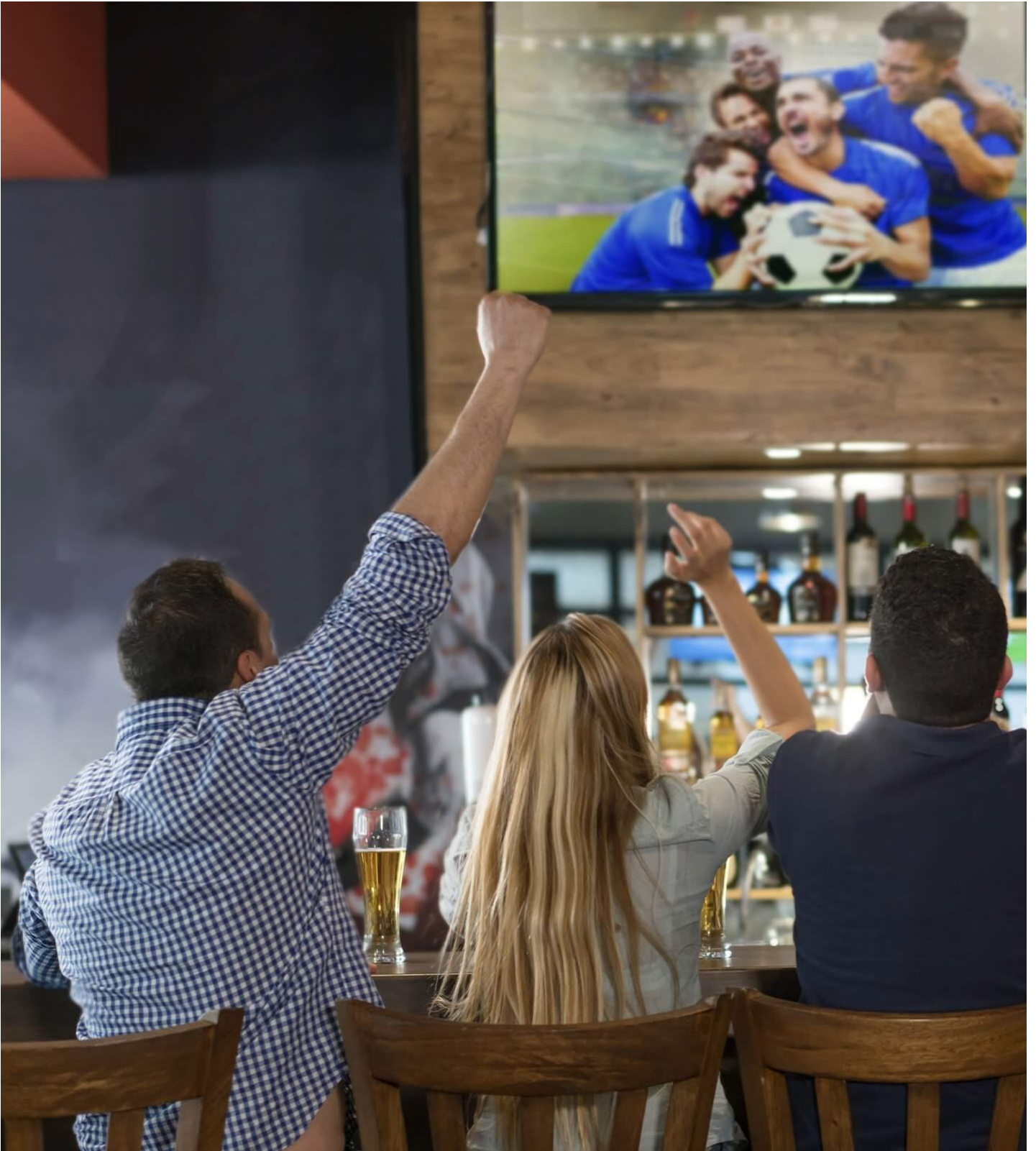
- **Auto Mode**
- **Port-1 Mode**
- **Default Mode**

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.

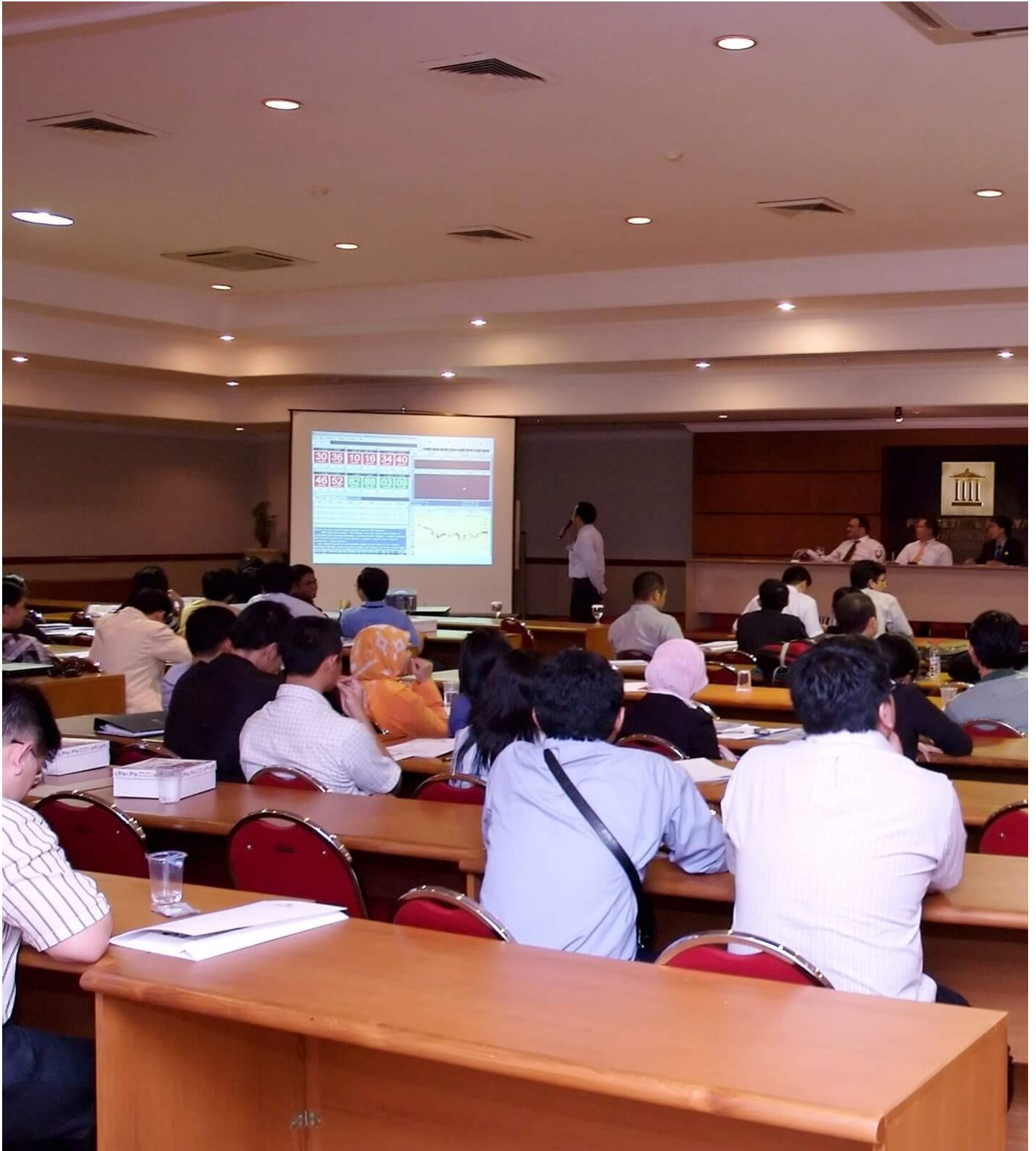
- 1.
- 2.
- 3.
- 4.





Sports Bar





Lecture Hall

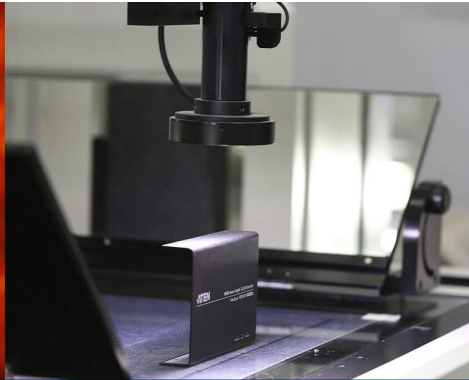
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Commitment to Best Quality

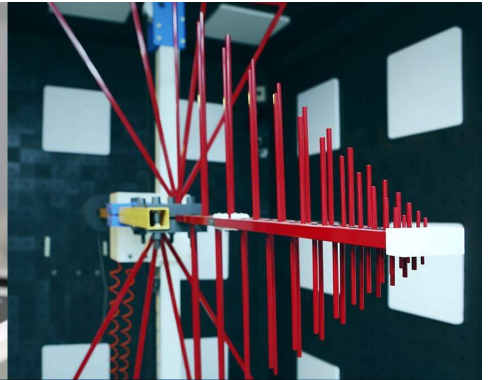
Each product is rigorously tested under diverse environmental conditions to ensure high-quality, reliable, and cost-effective performance for our customers.



Temperature & Humidity Test



Reliability Test



Electrical Safety Test



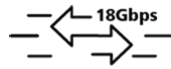
ISO9001:2015 & ISO14000



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 *	<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"/>


18Gbps Max.
Bandwidth

**EDID
Expert™**

Features

The VS184B True 4K HDMI Splitter is the perfect solution for anyone who needs to send one source of digital high definition video to four 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 VS184B 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.

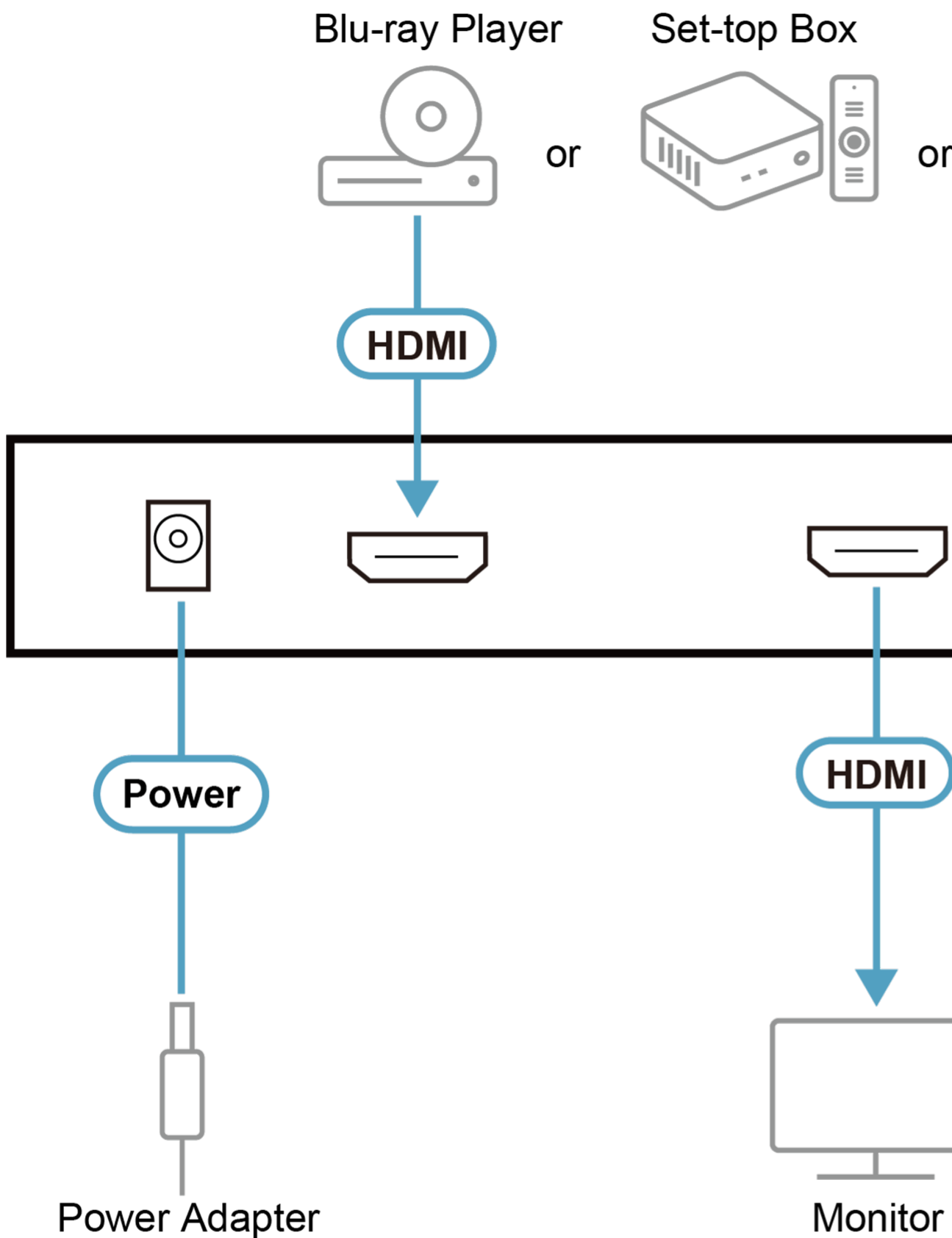
- Connects one HDMI source to four HDMI displays at the same time
- HDMI (3D, Deep Color, 4K); HDCP 2.2 Compatible
- Supports HDR10+
- Supports max resolutions of up to 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
- Long distance transmission- up to 15 m(1920x1200) / 5 m (True 4K)*
- Max pixel clock rate 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	4 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5m at 4K@60Hz (4:4:4)
Video	
Max. Data Rate	18Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI 2.0 (3D, Deep Color, 4K); HDCP 2.2 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	4 x HDMI Type A Female (Black)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:4.84W:23BTU/h Note: <ul style="list-style-type: none"> • 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	0.48 kg (1.06 lb)
Dimensions (L x W x H)	20.00 x 8.00 x 2.50 cm (7.87 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



Note: Connects up to 4 display device

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