

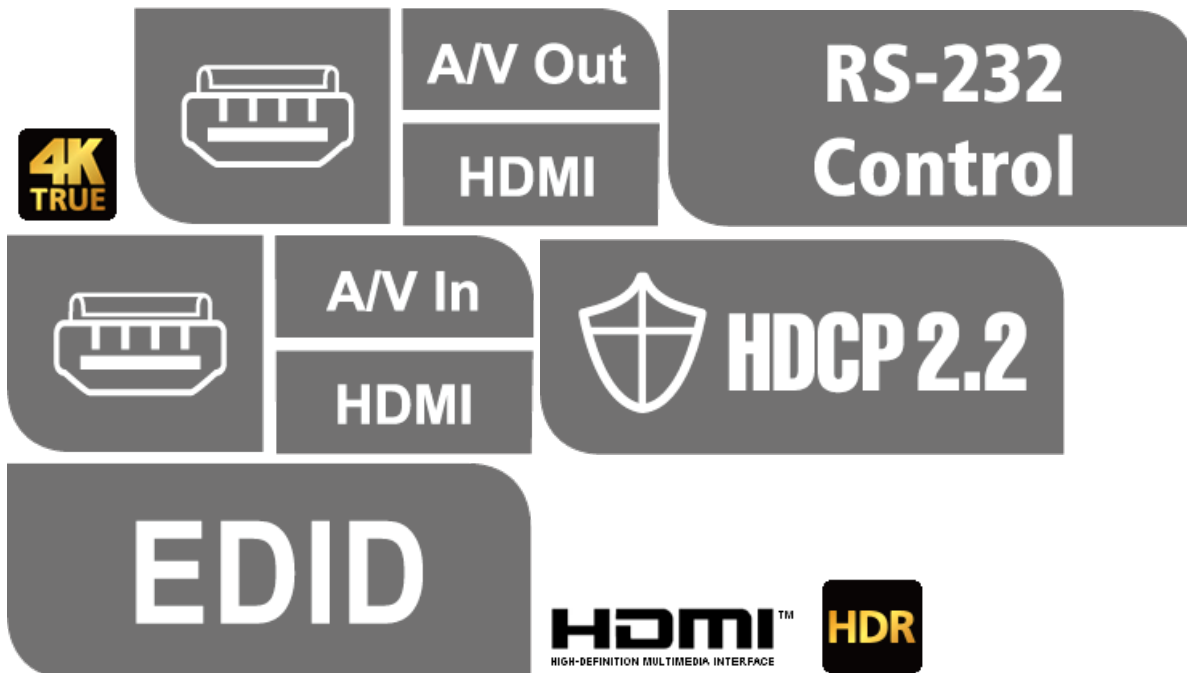
## VS0108HB

8-Port True 4K HDMI Splitter



The ATEN VS0108HB is designed for applications that require the routing of one HDMI source to 8 compatible display devices. It supports Dolby True HD and DTS HD Master Audio, video signals up to True 4K, data rates up to 18 Gbps, 3D, and HD lossless audio formats. Featuring ATEN EDID technology, the VS0108HB guarantees continuous EDID communication with connected devices and ensures that the HDMI sources power-up properly and maintain correct video outputs.

Engineered to meet today's demand of True 4K signal transmission and user-oriented design, ATEN VS0108HB is a powerful solution for a wide range of settings, such as home theater, commercial settings, educational centers, meeting rooms, or wherever needed to meet application requirements.



## Features

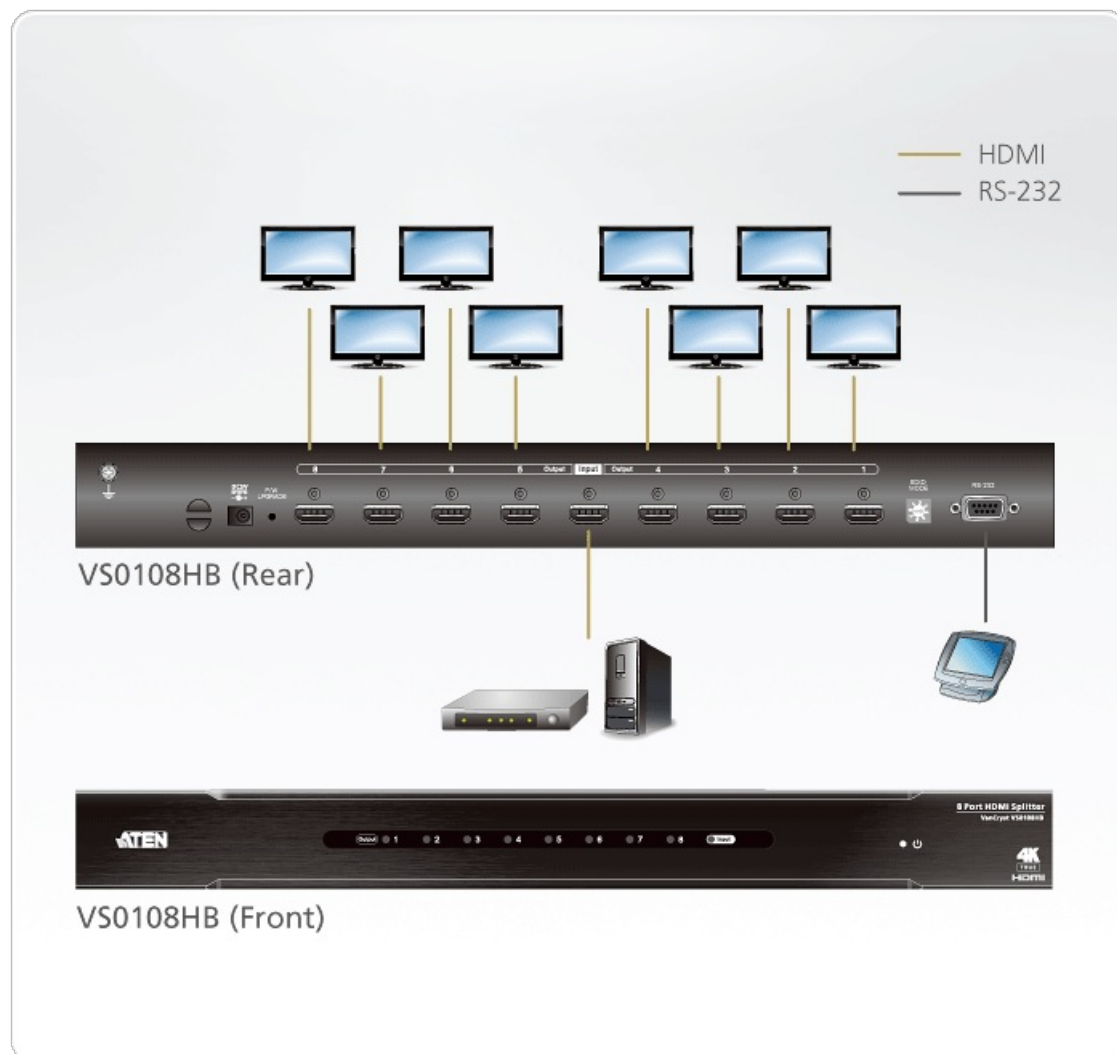
- Allows one HDMI source to be connected to up to 8 HDMI displays
- HDMI 2.0 (3D, Deep color, 4K); HDCP 2.2 compliant
- Superior video quality – up to True 4K resolutions (4096 x 2160 @ 60Hz 4:4:4)
- Supports HDR10<sup>+</sup>
- Long distance transmission from source to output - up to 6 m
- Built-in bi-directional RS-232 serial control port for high-end system control
- Supports Dolby True HD and DTS HD Master Audio
- Clear LED indication of device status
- **EDID Expert™** – Selects optimum EDID settings for smooth power-up, high quality display and use of the best resolution across different screens
- Plug-and-play
- Rack-mountable (1U design)

## Specifications

|                  |                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------|
| LEDs             |                                                                                                                       |
| Input            | 1 x LED (Green)                                                                                                       |
| Video Output     | 8 X LED (Green)                                                                                                       |
| Power            | 1 x LED (Green)                                                                                                       |
| 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       | 8 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 2.0 (3D, Deep Color, 4K);<br>HDCP 2.2                                                                            |
| Max. Resolution  | Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)                                                                        |
| Control          |                                                                                                                       |
| RS-232           | Connector: DB-9 Female (Black) x 1<br>Baud Rate: 19200,<br>Data Bits: 8, Stop Bits:1,<br>Parity: No, Flow Control: No |
| EDID Settings    | EDID Slide Switch x 1<br>EDID Mode: Port 1 / Default / Auto / Switch                                                  |
| Connectors       |                                                                                                                       |
| Power            | 1 x DC Jack                                                                                                           |

|                        |                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Consumption      | DC5V:11.95W:56BTU/h<br><br>Note: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental          |                                                                                                                                                                                                                                                                                                          |
| Operating Temperature  | 0-40 °C                                                                                                                                                                                                                                                                                                  |
| Storage Temperature    | -20 - 60 °C                                                                                                                                                                                                                                                                                              |
| Humidity               | 0 - 80% RH, Non-Condensing                                                                                                                                                                                                                                                                               |
| Physical Properties    |                                                                                                                                                                                                                                                                                                          |
| Housing                | Metal                                                                                                                                                                                                                                                                                                    |
| Weight                 | 2.18 kg ( 4.8 lb )                                                                                                                                                                                                                                                                                       |
| Dimensions (L x W x H) | 43.72 x 15.78 x 4.40 cm<br>(17.21 x 6.21 x 1.73 in.)                                                                                                                                                                                                                                                     |
| Carton Lot             | 3 pcs                                                                                                                                                                                                                                                                                                    |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                                                                          |

## Diagram



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