

## VS82H

2-Port True 4K HDMI Splitter



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18Gbps  
Data Rate



HDCP 2.2



Scaler



Aluminum  
Housing





#### **Duplicate the Same Screen**

Display True 4K content to 2 displays at once.

#### **Broad Compatibility**

Connect to any HDMI video source and start sharing. No drivers required.



## Contact Us

Get a quote for this product or get in touch with our sales experts

[Get Quote](#)

[Contact Sales](#)**Compact and Robust**

Small in size with robust high-quality aluminum housing.

**Smooth Video Performance**

Enhanced compatibility from source to display for the right resolution every time.



## 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 \*



A/V Out

HDMI



A/V In

HDMI



## Features

The ATEN VS82H splitter offers you superior video resolution of True 4K and lossless quality when sending one source of digital high-definition video to two displays. It supports HDMI-enabled equipments from DVD players, satellite set-top boxes to all HDMI displays.

Aside from being HDCP 2.2 compliant, the VS82H comes with automatic EDID detection that always presents users with the best resolution across different screens. Along with support for Dolby TrueHD and DTS-HD Master 7.1 Audio channel, the VS82H ensures you distortionless and outstanding audio quality.

What's more, the VS82H is a bus-powered splitter that can be charged directly from a device connected through Micro-USB port. Integrating the above functionalities provides you an effective solution for personal, corporate, educational and commercial applications.

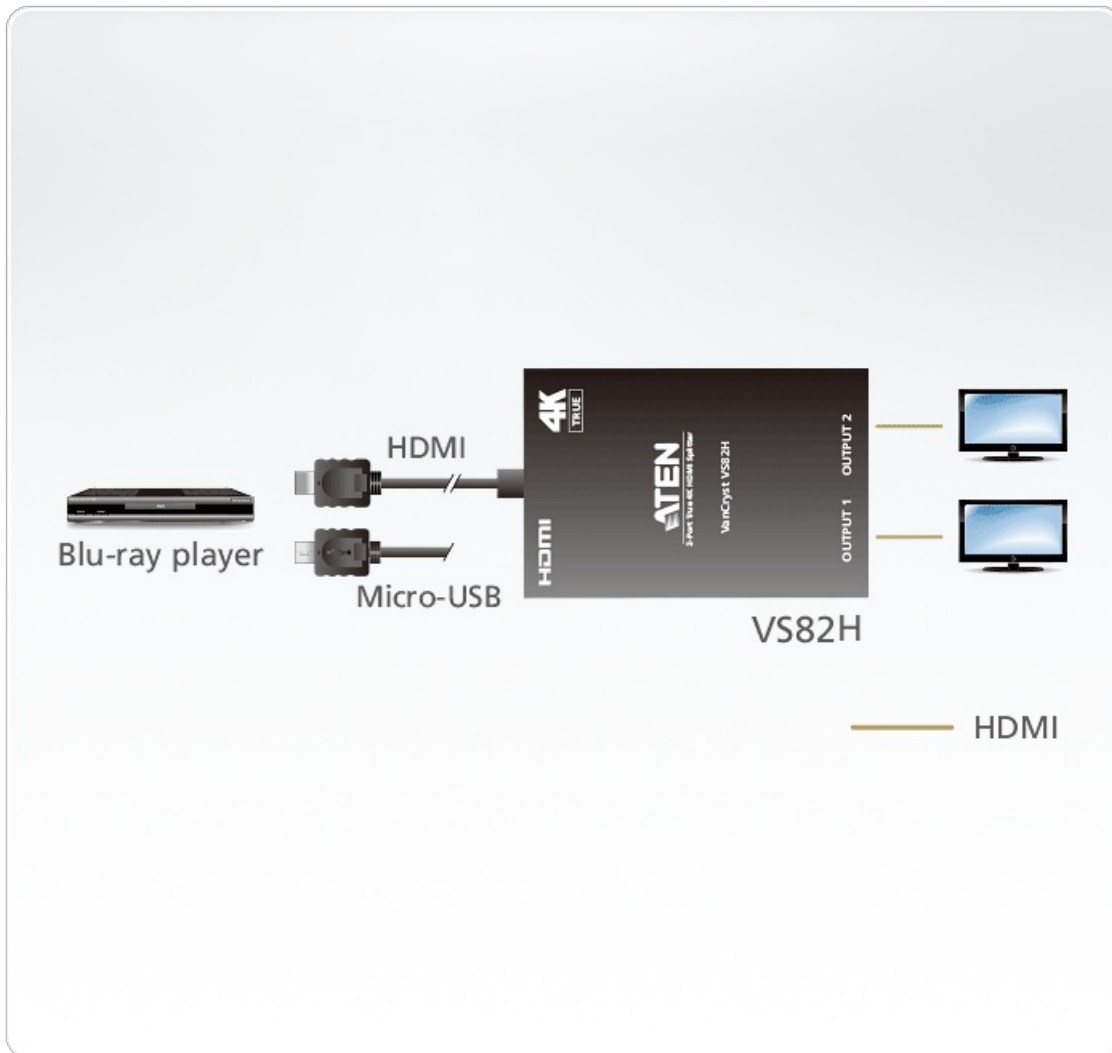
- Distributes one True 4K source to two HDMI displays at the same time
- Automatic downscaling function – automatically adjusts the resolution to 1080p for 1080p displays to fit their optimal output
- HDMI 2.0 (3D, Deep Color, 4K); HDCP 2.2 compliant
- True 4K video resolution (up to 4096 x 2160 @ 60 Hz; 4:4:4); HDR supported
- Supports max. data rate up to 18 Gbps (6 Gbps Per Lane)
- Supports Dolby TrueHD and DTS-HD Master 7.1 Audio channel
- Automatic EDID detection – enjoy high-quality display and use of the best resolution across different screens
- Quality and durable aluminum metal enclosure

## Specifications

|                  |                                                       |
|------------------|-------------------------------------------------------|
| EDID Settings    | PORT-1 & Default                                      |
| LEDs             |                                                       |
| Status           | HDMI Output x 2 (Blue)<br>Power Input x 1 (Blue)      |
| Video Input      |                                                       |
| Interfaces       | 1 x HDMI Type A Female (Black)                        |
| Impedance        | 100 $\Omega$                                          |
| Max. Distance    | 30cm at 4K@60Hz (4:4:4)                               |
| Video Output     |                                                       |
| Interfaces       | 2 x HDMI Type A Female (Black)                        |
| Impedance        | 100 $\Omega$                                          |
| 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 Compatible |

|                        |                                                                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. Resolution        | Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)                                                                                                                                                                                                                                                            |
| Power Consumption      | DC 5V:1.35W:4.6BTU/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> |
| Connectors             |                                                                                                                                                                                                                                                                                                           |
| USB Port               | Micro-USB to USB cable (50cm) X 1<br>Firmware upgrade & power source                                                                                                                                                                                                                                      |
| Environmental          |                                                                                                                                                                                                                                                                                                           |
| Operating Temperature  | 0-40 °C                                                                                                                                                                                                                                                                                                   |
| Storage Temperature    | -20 - 60 °C                                                                                                                                                                                                                                                                                               |
| Humidity               | 0 - 80% RH, Non-Condensing                                                                                                                                                                                                                                                                                |
| Physical Properties    |                                                                                                                                                                                                                                                                                                           |
| Housing                | Metal (aluminum)                                                                                                                                                                                                                                                                                          |
| Weight                 | 0.09 kg ( 0.2 lb )                                                                                                                                                                                                                                                                                        |
| Dimensions (L x W x H) | 8.80 x 6.00 x 1.50 cm<br>(3.46 x 2.36 x 0.59 in.)                                                                                                                                                                                                                                                         |
| Carton Lot             | 40 pcs                                                                                                                                                                                                                                                                                                    |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                                                                           |

## Diagram



### **ATEN International Co., Ltd.**

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