

VS82H

2-Port True 4K HDMI Splitter



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18Gbps
Data Rate



HDCP 2.2



Scaler



Aluminum
Housing



dts-HD Master Audio DOLBY TRUEHD



**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.



**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.



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



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.

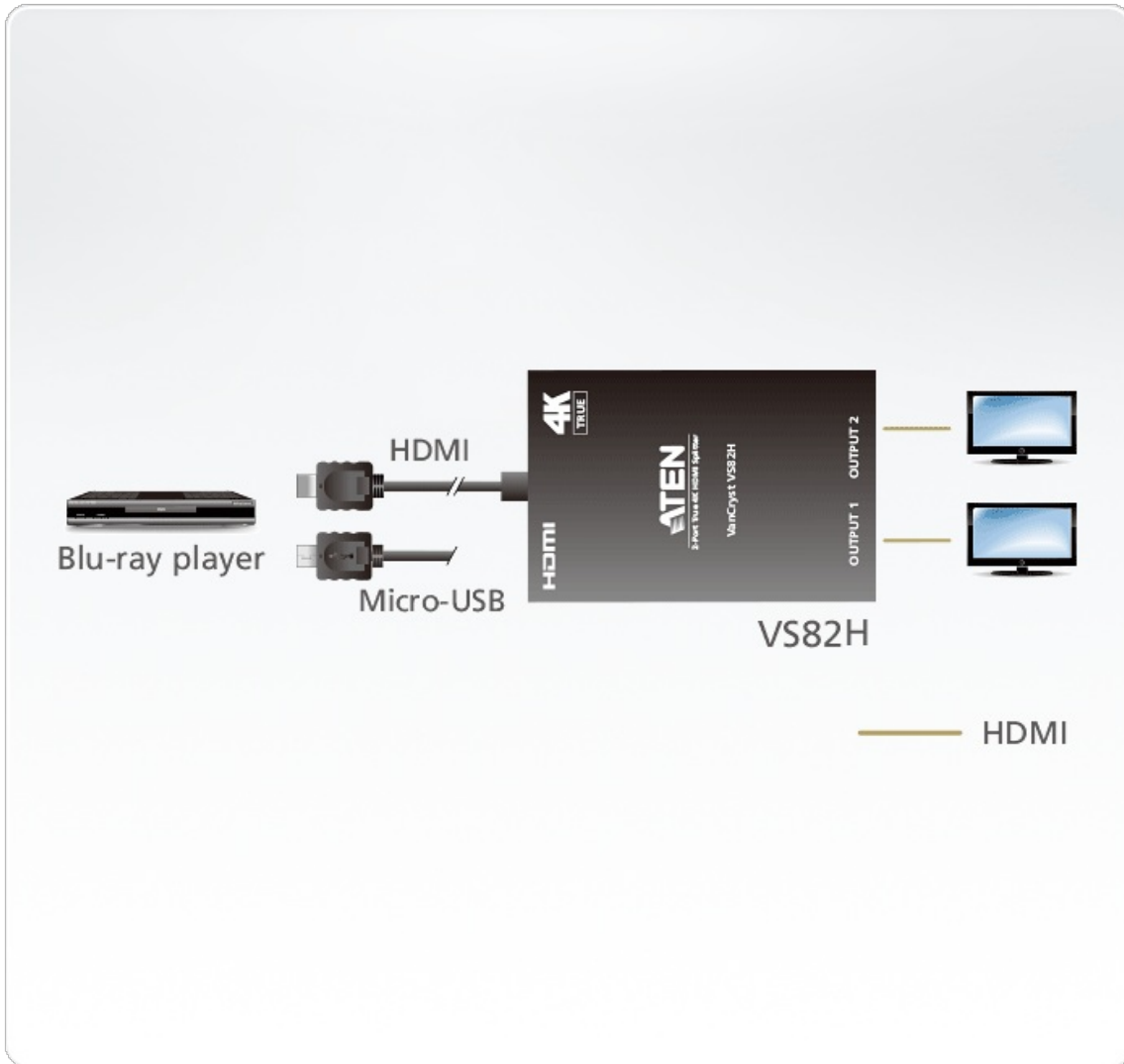
- Distributes one [True 4K](#) source to two HDMI displays at the same time
- Automatic downscaling function - automatically adjusts the resolution to 1080p for 1080p displays to fit their optimal output
- HDMI 2.0 (3D, Deep Color, 4K); [HDCP 2.2](#) compliant
- True 4K video resolution (up to 4096 x 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) Power Input x 1 (Blue)
Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	30cm 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 2.0 (3D, Deep Color, 4K); 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
Connectors	
USB Port	Micro-USB to USB cable (50cm) X 1 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 15.00 cm (3.46 x 2.36 x 5.91 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



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