

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.



**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.



**4K
TRUE**

HDR



A/V Out

HDMI



A/V In

HDMI



HDCP 2.2

EDID

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.

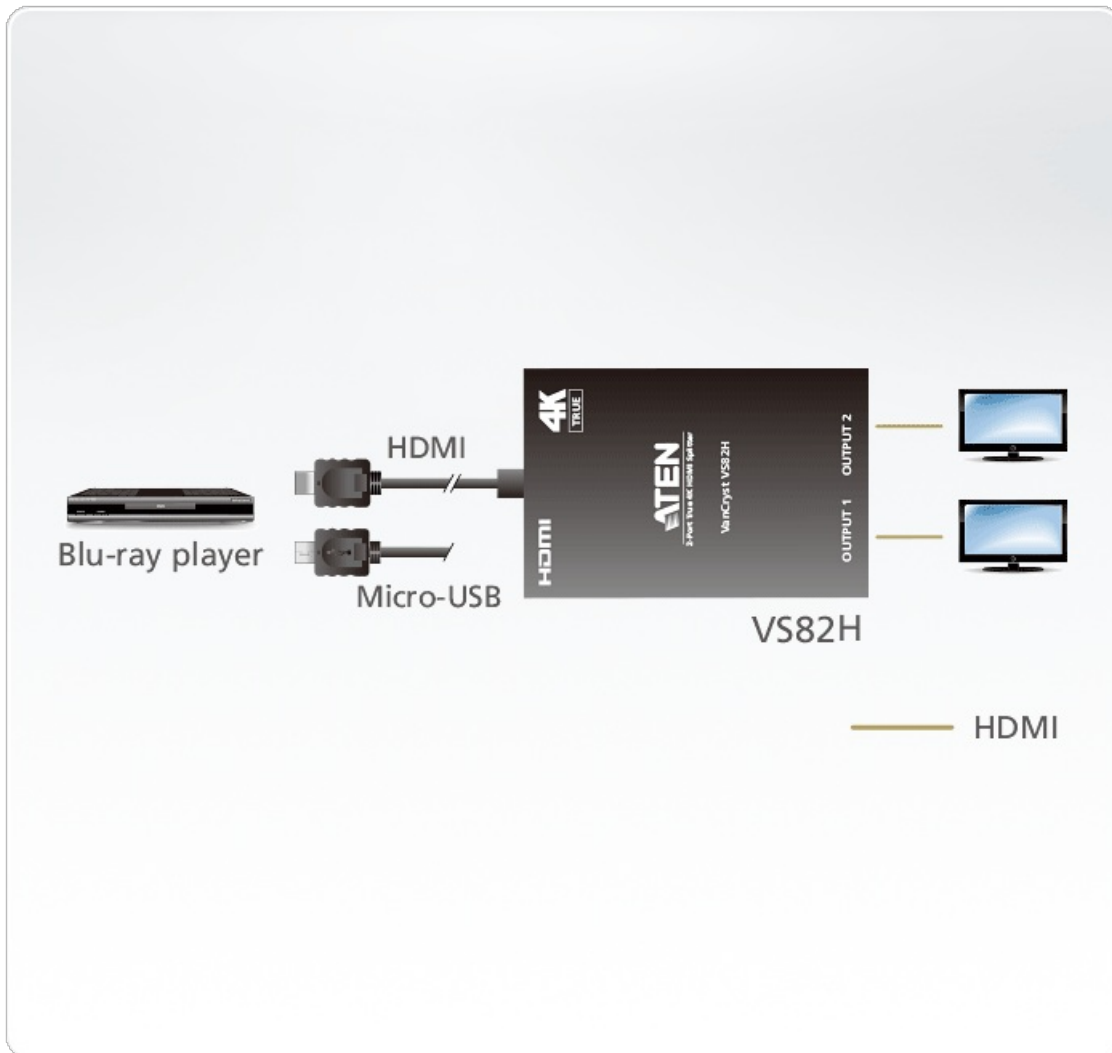
- Distributes one True 4K source to two HDMI displays at the same time
- Automatic downscaling function – automatically adjusts the resolution to 1080p for 1080p displays to fit their optimal output
- HDMI 2.0 (3D, Deep Color, 4K); HDCP 2.2 compliant
- True 4K video resolution (up to 4096 x 2160 @ 60 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

Specification

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/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.

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 1.50 cm (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



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