

VS0110HA

10-Port 4K HDMI Splitter



The VS0110HA 4K HDMI Splitter is a perfect solution for applications that require sending one source of high-definition 4K video to ten displays at the same time. The HDMI interface caters to most mainstream sources and sinks, such as DVD players, satellite set-top boxes, and any HDMI displays. Featuring ATEN [EDID](#) technology, the VS0110HA guarantees continuous [EDID](#) communication with connected devices and maintains optimum video outputs.

The VS0110HA 4K HDMI Splitter is [HDCP](#) (High-bandwidth Digital Content Protection) compliant, making it effective for use with all HDMI displays in [home theater](#) applications, as well as in corporate, educational and commercial settings.



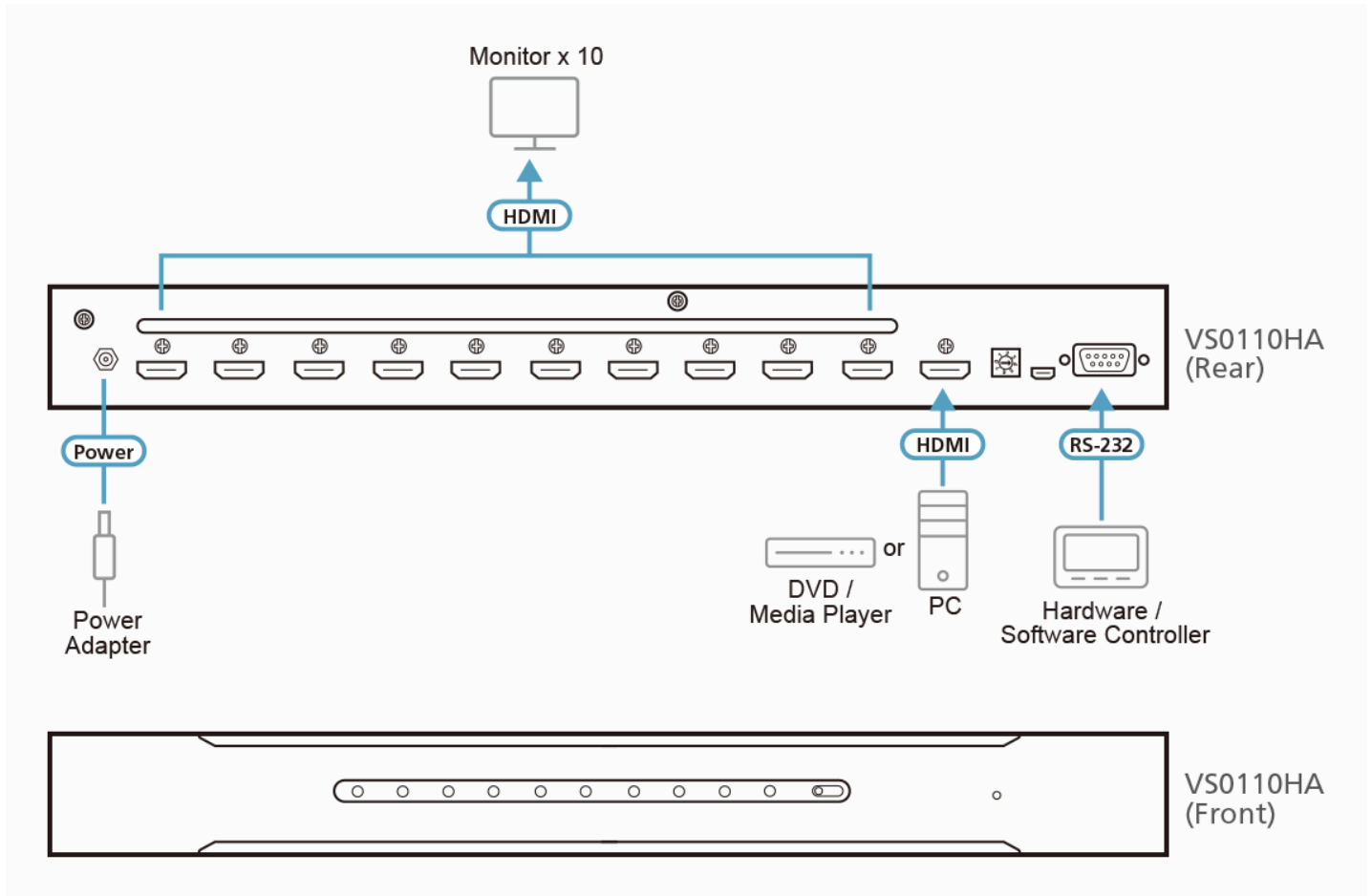
Features

- Connects one HDMI source to up to ten HDMI displays at the same time
- HDMI (3D, Deep color, 4K); [HDCP](#) 1.4 compliant
- Superior video quality – up to 4K resolutions (4096 x 2160 @ 60Hz; 4:2:0)
- Long distance transmission from source to output - up to 15 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	
Power	1 x LED (Green)
Input	1 x LED (Green)
Video Output	10 x LED (Green)
Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5m (at 4K resolution)
Video Output	
Interfaces	10 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	10m (at 4K resolution)
Video	
Max. Data Rate	10.2 Gbps (3.4 Gbps Per Lane)
Max. Pixel Clock	340 MHz
Compliance	HDMI (3D, Deep Color, 4K); HDCP 1.4 Compatible
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)
Control	
RS-232	Connector: 1 x DB-9 Female (Black) Baud Rate: 19200 / Data Bits: 8 / Stop Bits:1 / Parity: No / Flow Control: No
EDID Settings	EDID Switch x1 EDID Mode: Default (1080p) / Port 1 / Auto
Connectors	
Power	1 x DC Jack
USB Port	1 x Micro USB (FW upgrade)
Power Consumption	DC5V:4.34W:20BTU/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.
Environmental	
Operating Temperature	0 - 40 °C
Storage Temperature	-20 - 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	2.10 kg (4.63 lb)
Dimensions (L x W x H)	43.72 x 15.78 x 4.40 cm (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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