

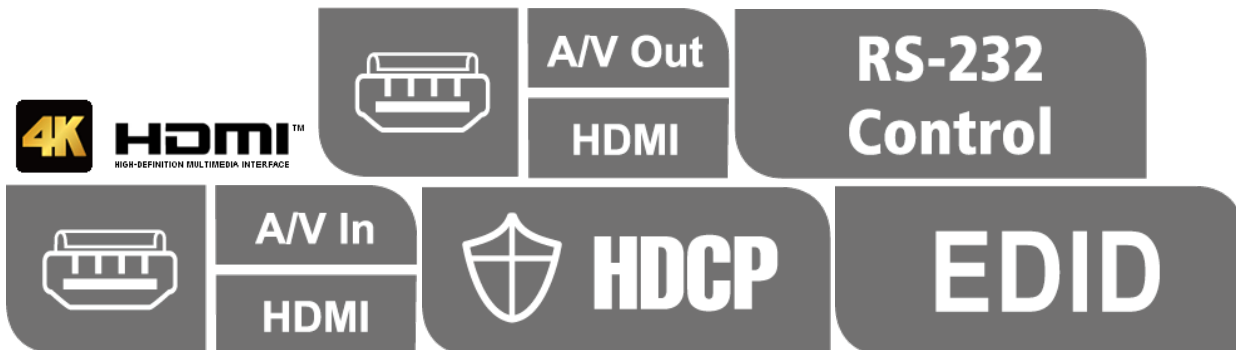
VS0110HA

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.



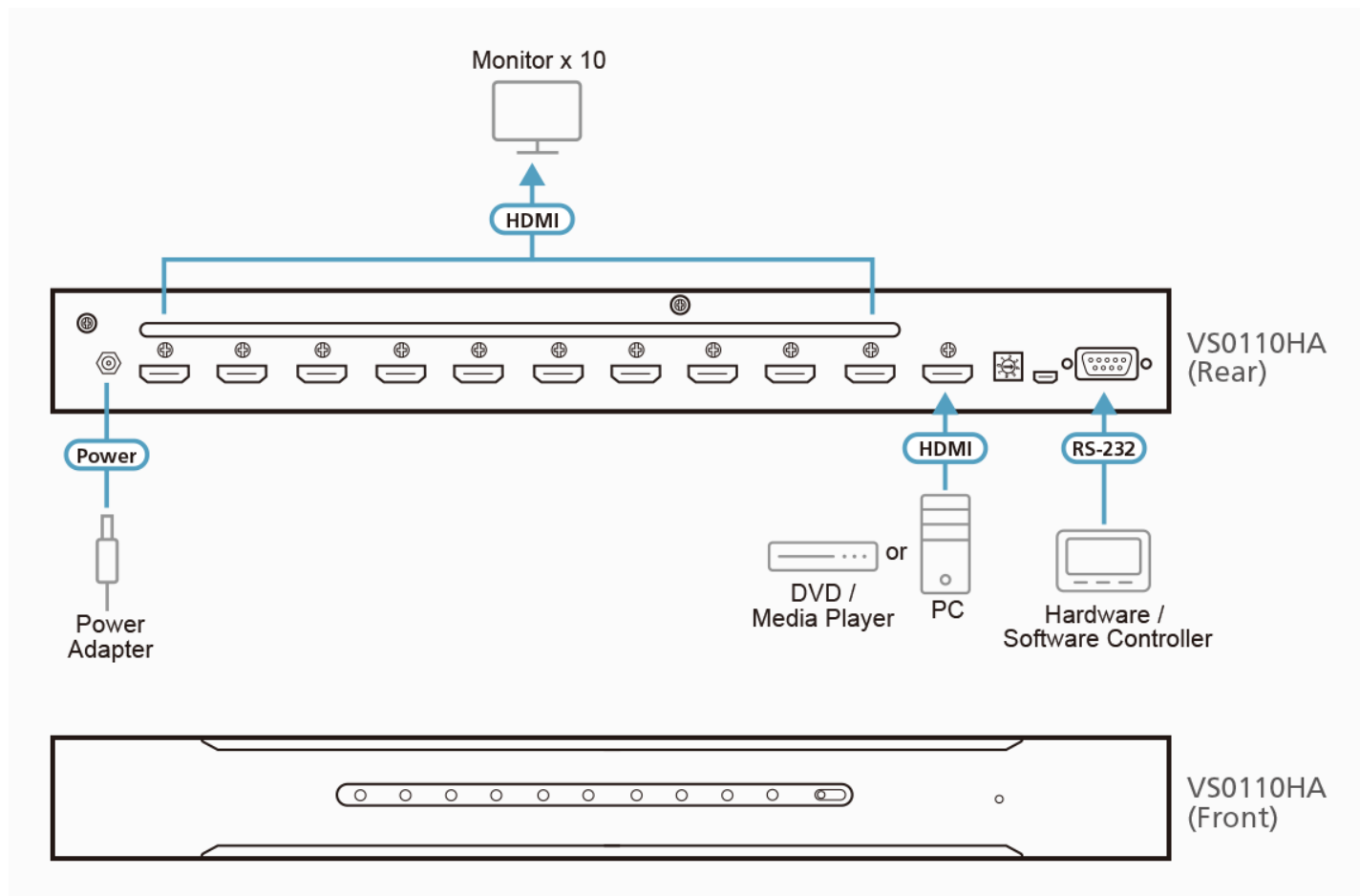
Features

- 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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