

#### **VS0110HA**

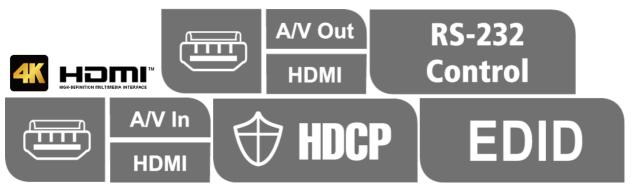
10-Port 4K HDMI Splitter





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<sup>TM</sup> Selects optimum EDID settings for smooth power-up, high quality display and use of the best resolution across different screens
- Plug-and-playRack-mountable (1U design)

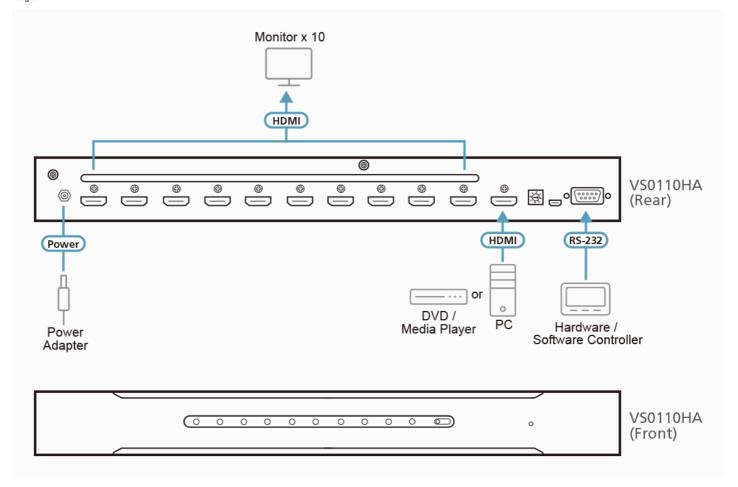


# Specifications

Person	Openications -	
Institute	LEDs	
Votes Culput         10 x LED (Green)           Votes Input           Vision Input         1 x HOMI Typo A Famale (Bipsk)           Interfaces         5m (at 4K resolution)           Votes Output         Vision A Famale (Bipsk)           Interfaces         10 x HOMI Type A Famale (Bipsk)           Importance         100 0           Miss. Delatine         100 (in (at K resolution)           Votes         Vision           Value         Vision           Miss. Petrol Cook         300 Miss.           Miss. Petrol Cook         4000 to 2 Hill 7 500 Fibr 2 Hill 7 500	Power	1 x LED (Green)
Mac Para Clock	Input	1 x LED (Green)
Interfaces	Video Output	10 x LED (Green)
Improfunce	Video Input	
Max. Distance   Sm (at 4K resolution)	Interfaces	1 x HDMI Type A Female (Black)
Miscrisces   10 x HDMI Type A Female (Back)     Impedance   100 CD	Impedance	100 Ω
Interfaces	Max. Distance	5m (at 4K resolution)
Max. Distance   100 Ω   100 (at 4K resolution)	Video Output	
Max. Distance   10m (at 4K resolution)	Interfaces	10 x HDMI Type A Female (Black)
Max. Data Rate   10.2 Gbps (3.4 Gbps Per Lane)	Impedance	100 Ω
Max. Pasel Clock         340 MHz           Compliance         HDMI (3D, Deep Color, 4K); HDCP 1.4 Compatible           Max. Resolution         Up 4 080 x 216 / 3840 x 2160 @ 50Hz (42-0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4x-4)           Control           Control           EDID Settings         Connector: 1 x DB-9 Fermale (Black) Baud Flate: 19200 / Data Bits: 8 / Stop Bits: 1 / Parity: No / Flow Control: No           EDID Settings         EDID Settings         EDID Settings           EDID Settings         EDID Settings         To X Jack           USB Permale (Black)           Defeating Temperature         1 x Micro USB (FW upgrade)           DOS-V-3-3-W-208TU/h           Note:         • The measurement in Watts indicates the power consumption of the device when it is fully loaded.           Environmental           Departing Temperature	Max. Distance	10m (at 4K resolution)
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); 44096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)           Control         Control           RS-232         Connector: 1 x DB-9 Female (Black) Band Rate: 19200 / Data Bits. 5 / Stop Bits: 1 / Parity: No / Flow Control: No           EDID Settings         EDID Switch x EDID Switch x EDID Switch x EDID Mode: Default (1080p) / Port 1 / Auto           Connectors         1 x Mcro USB (FW upgrade)           Power         1 x Mcro USB (FW upgrade)           Power Consumption         DCSV4.34W:20BTUh Note:	Video	
Compliance	Max. Data Rate	10.2 Gbps (3.4 Gbps Per Lane)
HDCP 1.4 Compatible	Max. Pixel Clock	340 MHz
A096 x 2160 / 3840 x 2160 @ 30Hz (4.4.4)	Compliance	
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 xt EDID Mode: Default (1080p) / Port 1 / Auto  Connectors  Power	Max. Resolution	
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	Control	
EDID Mode: Default (1080p) / Port 1 / Auto  Connectors  Power 1 x DC Jack  USB Port 1 x Micro USB (FW upgrade)  Power Consumption DCSV: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 2-20 - 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	RS-232	
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(17.21 x 6.21 x 1.73 in.)  Carton Lot 3 pcs	Weight	2.10 kg ( 4.63 lb )
	Dimensions (L x W x H)	
Note For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	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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