VS182A

2-Port 4K HDMI Splitter



The VS182A HDMI Splitter is the perfect solution for anyone who needs to send one source of digital high definition video to two displays at the same time. It supports all HDMI-enabled equipment, such as DVD players, satellite set-top boxes and all HDMI displays.

The VS182A 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,





Features

- Connects one HDMI source to two HDMI displays at the same time
 HDMI (3D, Deep Color, 4K); HDCP Compatible
 Supports resolutions of up to Ultra HD 4k x 2k

- Supports Dolby True HD and DTS HD Master Audio
 Long distance transmission up to 15 m (24 AWG)
 Supports max. data rate of 10.2 Gbps
- Supports max. data rate oт เบ.∠ ฉบบร Plug-and-play no software installation required

Note: Long distance transmission up to 20m (with ATEN 2L-7D20H)

Specification

Interfaces			
Max. Distance 100 Ω 3m @3840x2160@301tz (41.4) Video Cutput	Video Input		
Max. Distance 3m @3840x2160@30Hz (4:4-4) Video Output Interfaces 2 x HDMI Type A Female (Black) Impodance 100 Ω Max. Distance 15m @3840x2160@30Hz (4:4-4) Video Video Max. Plast Rate 10.2 Gbps (3:4 Gbps Per Lane) Max. Plast Clock 340 MHz Compliance HDMI (30). Deep Color, 44(7); HDCP Compatible Max. Resolution Up to 4098 x 2180 / 3840 x 2180 @ 80Hz (4:20); add68 x 2180 / 3840 x 2180 @ 80Hz (4:20); add68 x 2180 / 3840 x 2180 @ 80Hz (4:4.9); Audio 1 x HDMI Type A Female (Black) Connectors Power 1 x DD Jack Environmental Coperating Temperature 0.60 °C Storage Temperature 2.0 - 60 °C Humidity 0 - 80% RH, Non-Condensing Physical Properties Housing Metal Weight 0.31 kg (0.8 b) Coperating Coperation (1.x W x H) 2.25 x 8.00 x 2.50 cm Carton Lot 20 pcs Coperating Coperation (1.x W x H) 2.25 x 8.00 x 2.50 cm Carton Lot 20 pcs Coperating Coperation (1.x W x H) 2.25 x 8.00 x 2.50 cm <	Interfaces	1 x HDMI Type A Female (Black)	
Video Output Interfaces 2 x HDMI Type A Female (Black) Impedance 100 Ω Max. Distance 15m @3840x2180@30Hz (4.4.4) Video Video Max. Pasal Clock 340 MHz Compliance HDM (3D, Deep Color, 4K); HDDCP Compatable Max. Resolution Up to 4096 x 2180 / 3840 x 2180 @ 80Hz (4.2.0); 4096 x 2160 @ 30Hz (4.4.4) Audio 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) Connectors 2 x HDMI Type A Female (Black) Environmental 5 connectors Power 1 x DC Jack Environmental 2 co 60 °C Humidity 0 - 80% RH, Non-Condensing Physical Properties 400 ± 60 °C Humidity 0 - 80% RH, Non-Condensing Properties 400 ± 60 °C Housing Metal Weight 0.31 kg (0.88 b) Dimensions (L x W x H) 12.50 x 800 x 2.50 cm (4.32 x 3.15 x 0.38 m.) Carton Lot 20 pcs Power Consumption DCS.3V3.12W:158TU	Impedance	100 Ω	
Interfaces 2 x HDMI Type A Female (Black) Impedance 100 Ω Max. Distance 15m @3840x2160@30Hz (4x4.4) Video Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane) Max. Place Clock 340 MHz Compliance HBMI (3D, Deep Color, 4K); HDCP Compatible Max. Resolution Up to 4008 x 2160 73840 x 2160 @ 60Hz (42.20); 4996 x 2160 73840 x 2160 @ 50Hz (44.44) Audio 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) Connectors 2 x HDMI Type A Female (Black) Environmental 0.50 °C Storage Temperature -20 - 60 °C Hundidy 0 - 80% RH, Non-Condensing Physical Properties Housing Metal Weight Ower Consumption DCS 3V3.12W:15BTU	Max. Distance	3m @3840x2160@30Hz (4:4:4)	
Max. Distance 100 D Max. Distance 15m @3840x2160@30Hz (4:4:4) Video Video Video Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane) Max. Pixel Clock 340 MHz Compliance HDMI (30, Desp Color, 4K); HDCP Compliable HDCP	Video Output		
Max. Distance 15m @3840x2160@30Hz (4.4.4) Video Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane) Max. Pixel Clock 340 MHz Compliance HDMI (3D, Deep Color, 4K); HDCP Compatible Max. Resolution Up to 4095 x 2160 / 3840 x 2160 @ 80Hz (4.2.0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4.4.4) Audio 1 x HDMI Typ A Female (Black) Compliance 1 x DC Jack Environmental 2 x HDMI Typ A Female (Black) Connectors Storage Temperature Power 1 x DC Jack Storage Temperature 0.50 ℃ Storage Temperature -20 - 60 ℃ Hurnidity 0 - 80% RH, Non-Condensing Physical Properties Housing Metal Weight 0.31 kg (0.68 b) Dimensions (L x W x H) (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DCS.3V3.12W:15BTU	Interfaces	2 x HDMI Type A Female (Black)	
Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane) Max. Pixel Clock 340 MHz Compliance HDMI (3D, Deep Color, 4k); HDCP Compatible Max. Resolution Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (42.0); 4096 x 2160 / 3840 x 2160 @ 30Hz (43.4) Audio Input 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) Connectors Power 1 x DC Jack Environmental Operating Temperature 0-50 °C Storage Temperature -20 - 60 °C Humidity 0 - 80% RH, Non-Condensing Physical Properties Housing Metal Weight 0.31 kg (0.88 lb) Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DCS.3V3.12W:15BTU	Impedance	100 Ω	
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Max. Pixel Clock 340 MHz Compliance HDMI (3D, Deep Color, 4K); HDCP 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) Audio Input Input 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) Connectors To D Jack Environmental Environmental Operating Temperature 0-50 °C Storage Temperature -20 - 60 °C Humidity 0 - 80% RH, Non-Condensing Physical Properties Metal Weight 0.31 kg (0.68 lb) Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V3.12W:15BTU	Video		
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HDCP 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) Audio	Max. Pixel Clock	340 MHz	
Audio Input 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) Connectors Power 1 x DC Jack Environmental Operating Temperature 0-50 °C Storage Temperature -20 - 60 °C Humidity 0-80% RH, Non-Condensing Physical Properties Housing Metal Weight 0.31 kg (0.68 lb) Dimensions (L x W x H) 125 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DCS.3V3.12W:15BTU	Compliance	HDMI (3D, Deep Color, 4K); HDCP Compatible	
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Humidity 0 - 80% RH, Non-Condensing Physical Properties Housing Metal Weight 0.31 kg (0.68 lb) Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V:3.12W:15BTU	Operating Temperature	0-50 °C	
Physical Properties Housing Metal Weight 0.31 kg (0.68 lb) Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V:3.12W:15BTU	Storage Temperature	-20 - 60 °C	
Housing Metal Weight 0.31 kg (0.68 lb) Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V:3.12W:15BTU	Humidity	0 - 80% RH, Non-Condensing	
Weight 0.31 kg (0.68 lb) Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V:3.12W:15BTU	Physical Properties		
Dimensions (L x W x H) 12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V:3.12W:15BTU	Housing	Metal	
(4.92 x 3.15 x 0.98 in.) Carton Lot 20 pcs Power Consumption DC5.3V:3.12W:15BTU	Weight	0.31 kg (0.68 lb)	
Power Consumption DC5.3V:3.12W:15BTU	Dimensions (L x W x H)		
·	Carton Lot	20 pcs	
Note For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	Power Consumption	DC5.3V:3.12W:15BTU	
	Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	

Diagram

