VS1804T

4-Port HDMI Cat 5 Splitter

The ATEN VS1804T HDMI Over Cat 5 Splitter is the quickest and most efficient way to move HDMI multimedia content and HDCP information from input source to 4 displays.

A one-to-many, point-to-multipoint system for transmission of high definition video and audio, the VS1804T transmits rich multimedia content in real time from HDMI source devices to HDMI display devices over Cat 5e cables. The VS1804T can support multi-displays when combined in an installation with ATEN's HDMI extender*.

The VS1804T provides the flexibility you need for a customized digital signage or HDMI display installation, allowing you to set up your display device 60 m (200 ft) from the HDMI source devices.

The VS1804T solution is ideal for any installation that requires HDMI content to be delivered to multiple destinations, such as:
• In-store or tradeshow digital signage
• Broadcasting information to public locations (news, airline and train schedule and arrival/departure information)
• Sporting events
• Theater and lecture overview rooms
• Classroom and company training facilities
Note*: Compatible receiving device is VE800AR

Features

- One HDMI input to 4 HDMI outputs via Cat 5e cables
- Extends displays up to 198 ft
- Supports HDMI (3D, Deep color)
- Offers local HDMI output
- HDCP compatible
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- Cascadable to three levels
- Supports superior video quality – HDTV resolutions of 480p, 720p, 1080i and 1080p (1920 x 1080)
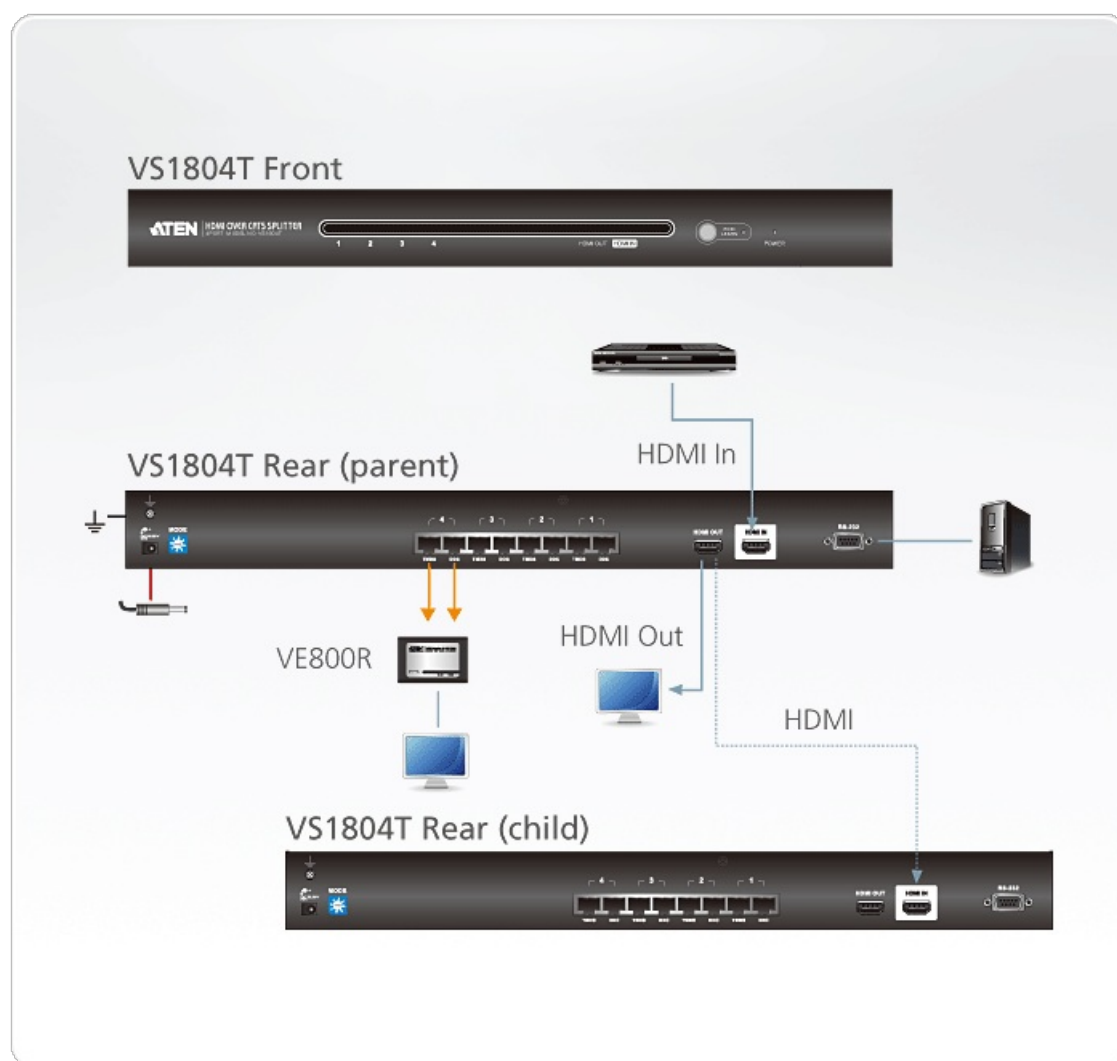- EDID mode selection
- Rack-mountable

Specification

Video Input	
Interfaces	1 x HDMI Type A Female (Black)

Impedance	100 Ω
Max. Distance	1.8 m
Video Output	
Interfaces	1 x HDMI Type A Female (Black) - Local Output 4 x RJ-45 Female
Impedance	100 Ω
Video	
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Compliance	HDMI (3D, Deep Color) HDCP Compatible Consumer Electronics Control (CEC)
Max. Resolution	Up to 1080p (Depends on connected receiver)
Max. Distance	Up to 60 m (Depends on connected receiver)
Audio	
Input	1 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)
Control	
RS-232	Connector: 1 x DB-9 Female (Black) Baud Rate and Protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits:1, Parity: No, Flow Control: No
EDID Settings	EDID Mode: Default / Port 1 / Learn
Connectors	
Power	1 x DC Jack (Black)
Power Consumption	DC5.3V:5.2W:24BTU/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	0-50°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