

## VS1804T

4-Port HDMI Cat 5 Splitter



The VS1804T HDMI Over Cat 5 Splitter is a splitter designed to connect one source to 4 displays over a long distance. Incorporating suggested compatible receivers \*, the VS1804T HDMI Over Cat 5 Splitter can be a complete solution ideal for any professional A/V installation that requires multimedia content to be delivered to multiple destinations located up to 60 m away from the source.

\* Compatible Receiver Units:

[VB802](#) HDMI Over Cat 5 Repeater – cascadable up to five levels

[VE800AR](#) HDMI Receiver

VS1804T combined with [VB802](#) and [VE800AR](#) units can transmit signals up to 300 m

The VS1804T solution is perfect for a wide range of applications:

- In-store or tradeshow digital signage
- Broadcasting information in public (news, airline or train arrival/departure information)
- Sporting events
- Theater and lecture rooms
- Company training facilities



### Features

- One HDMI input to 4 HDMI outputs via Cat 5e cables
- Extends displays up to 60 m
- [Supports HDMI \(3D, Deep color\)](#)
- Supports Dolby True HD and DTS HD Master Audio
- Offers local HDMI output
- HDCP compatible
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- Features RS-232 serial port for command controls \*
- [Cascadable to three levels](#)
- Supports superior video quality – HDTV resolutions of 480p, 720p, 1080i and 1080p (1920 x 1080)
- [EDID mode selection](#)
- Rack-mountable

Note: The VS1804T AP and GUI operation instructions can be downloaded from the ATEN website ([www.aten.com](http://www.aten.com))

### Specifications

Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
Max. Distance	1.8 m
Video Output	
Interfaces	1 x HDMI Type A Female (Black) - Local Output 4 x RJ-45 Female
Impedance	100 $\Omega$
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: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul>
Environmental	
Operating Temperature	0-50°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing

