

VS1808T

8-Port HDMI Cat 5 Splitter



The VS1808T HDMI Over Cat 5 Splitter is a splitter designed to connect one source to 8 displays over a long distance. Incorporating suggested compatible receivers *, the VS1808T 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

[VE800R](#) HDMI Receiver

VS1808T combined with [VB802](#) and [VE800R](#) units can transmit signals up to 300 m

The VS1808T 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 8 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

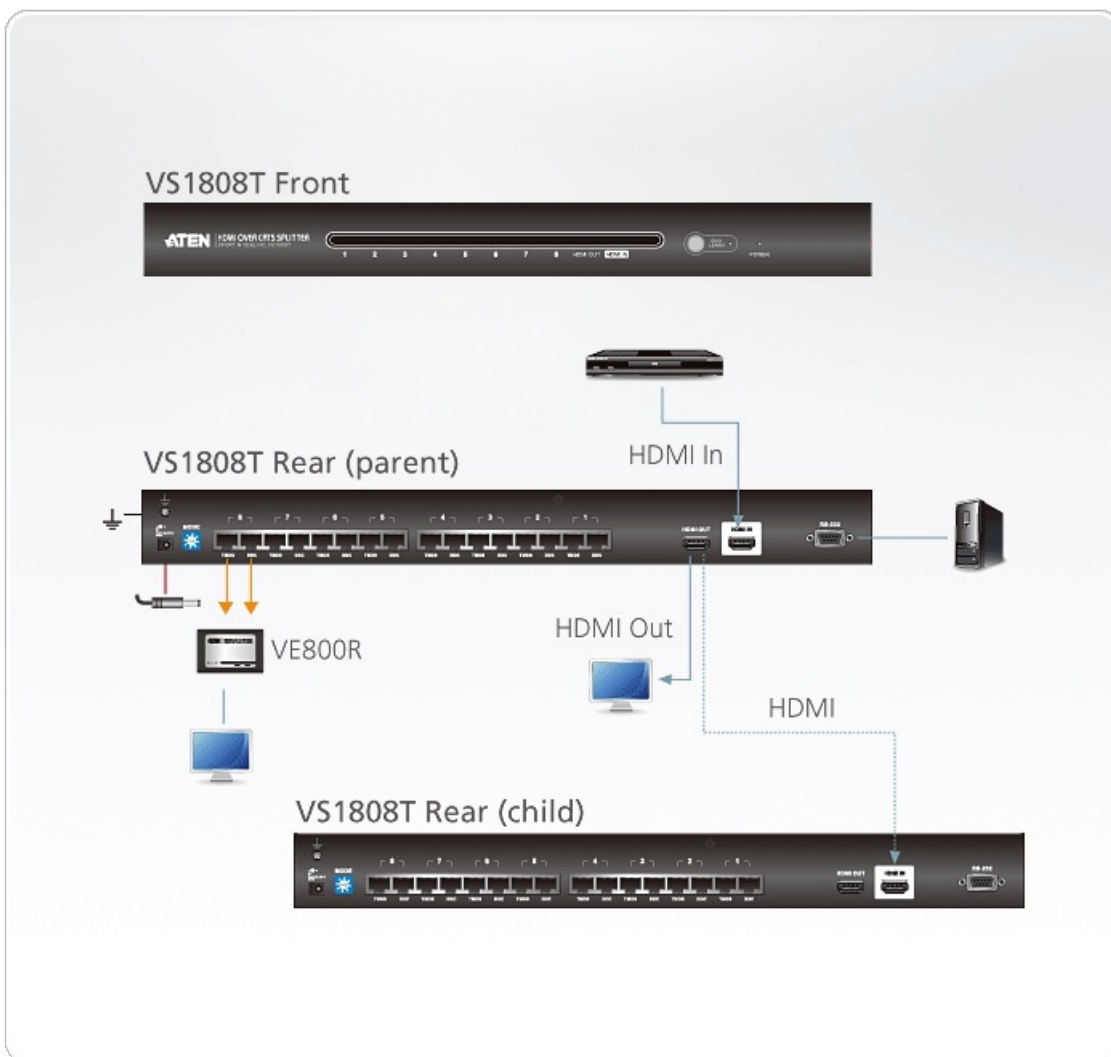
Note: The VS1808T AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

Specifications

| | |
|-----------------------|--|
| 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 8 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:7.77W:36BTU/h Note: <ul style="list-style-type: none"> ● 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 | 2.15 kg (4.74 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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