

4/8-Port HDMI over Cat 5 Splitter

VS1804T / VS1808T

The VS1804T / VS1808T HDMI over Cat 5 Splitter designed to connect one source to 4 or 8 displays over a long distance. Incorporating suggested compatible receivers*, the VS1804T / 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
 VE800AR HDMI Receiver

The VS1804T/VS1808T is perfect for a wide range of applications:

- In-store or tradeshow digital signage
- Information broadcasts at public locations (e.g. flight times at an airport, weather and tide forecasts at beaches)
- Sporting events
- Theater and lecture rooms
- Classrooms and company training facilities



Features

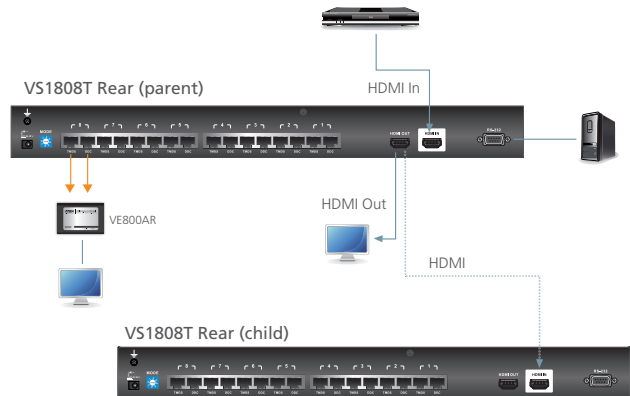
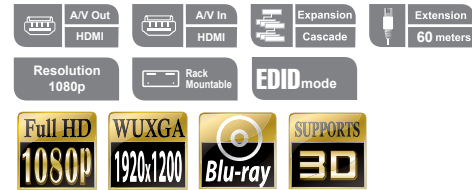
- One HDMI input to 4/8 HDMI outputs via single Cat 5e cables*
- Extends displays up to 60 m
- Supports HDMI (3D, Deep Color)
- Supports Dolby True HD and DTS HD Master Audio
- Offers local HDMI output
- HDMI and HDCP compatible
- Consumer Electronics Control (CEC) allows interconnected HDMI devices 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:

* If you need to use EDID Bypass and/or HDCP authentication, connect another Cat 5e cable between the VS1804T/VS1808T and VE800AR.
 ** The VS1804T/VS1808T AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

HDMI™

HIGH DEFINITION MULTIMEDIA INTERFACE



Specifications

| Function | | VS1804T | VS1808T | |
|---------------------|----------------------------|--------------------------------|--------------------------------|------------------|
| Connectors | HDMI In | 1 x HDMI Type A Female (Black) | | |
| | HDMI Out | Local | 1 x HDMI Type A Female (Black) | |
| | Line Out (Cat 5) | TMDS | 4 x RJ-45 Female | 8 x RJ-45 Female |
| | | DDC | 4 x RJ-45 Female | 8 x RJ-45 Female |
| | RS-232 | 1 x DB-9 Female (Black) | | |
| Power | 1 x DC Jack | | | |
| Switches | EDID Mode | 1 x 8-Position Switch | | |
| | EDID Learn Mode | 1 x Pushbutton | | |
| LEDs | Power | 1 (Green) | | |
| | HDMI In | 1 (Green) | | |
| | HDMI Out | 1 (Green) | | |
| | EDID Learn | 1 (Green / Red) | | |
| Line Out | 4 (Green) | 8 (Green) | | |
| Video | 1080p @ 40 m; 1080i @ 60 m | | | |
| Power Consumption | DC 5.3 V, 8 W | | DC 5.3 V, 13 W | |
| Environment | Operating Temp. | 0° to 50° C | | |
| | Storage Temp. | -20° to 60° C | | |
| | Humidity | 0 - 80% RH, Non-condensing | | |
| Physical Properties | Housing | Metal | | |
| | Weight | 2.10 kg | 2.15 kg | |
| | Dimensions (L x W x H) | 43.72 x 15.78 x 4.40 cm | | |