4/8-Port HDMI over Cat 5 Splitter

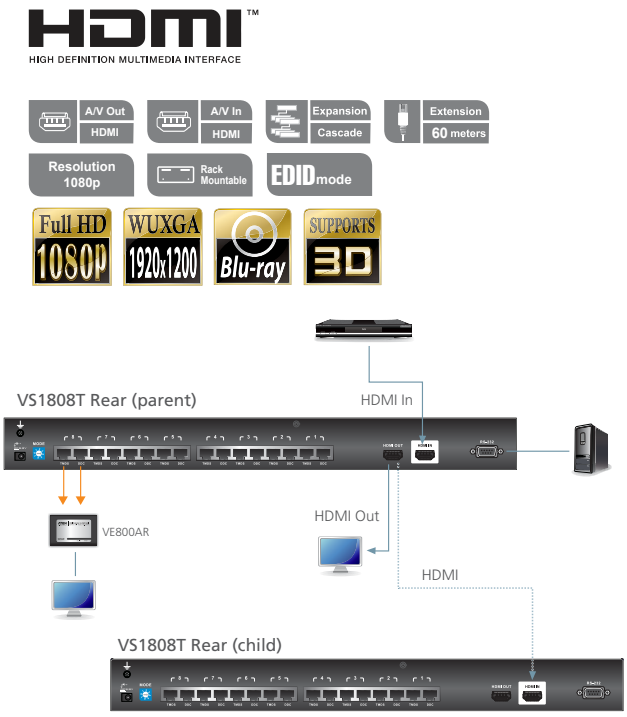
VS1804T / VS1808T

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)

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	

ATEN International Co., Ltd.
3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com

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