

# VS1814T / VS1818T

## 4/8-Port HDMI Over Single Cat 5 Splitter

- The ATEN VS1814T / VS1818T 4/8-Port HDMI over single Cat 5 Splitter provides a fast and efficient way of switching digital high definition video from one input source to 4/8 displays located up to 100m away. It implements HDBaseT extension technology to connect the VS1814T / VS1818T to receiver units over one single Cat 5e cable in order to transmit rich HDMI multimedia content in real time.

It supports up to 4k2k resolution, and features an EDID selection method to ensure constant and reliable EDID data relay for the HDMI source device to efficiently optimize video resolution.

The VS1814T / VS1818T solution is ideal for any installation that requires HDMI content to be delivered to multiple destinations, such as:

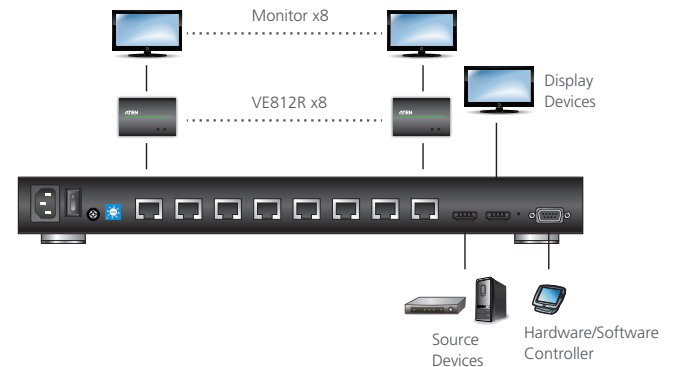
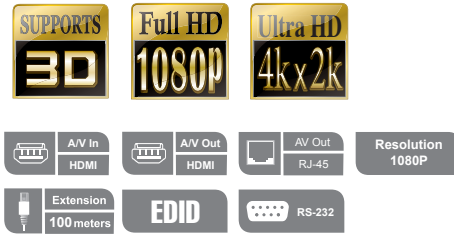
- In-store or tradeshow digital signage
- Information broadcasts at public locations (i.e., news, stations, airline and train schedule and arrival/departure details)
- Sporting events
- Theater and lecture overview rooms
- Classroom and company training facilities



### Features

- One HDMI input to 4/8 HDMI outputs via a Cat 5e cable
- Offers local HDMI output
- Extends displays up to 100 m
- **Implements HDBaseT extension technology using only one Cat 5 cable to connect the transmitter and receiver**
- Anti-jamming - resists signal interference during high-quality video transmissions using HDBaseT technology
- HDMI (3D, Deep color, 4kx2k); HDCP Compatible
- Supports Dolby True HD and DTS HD Master Audio
- Consumer Electronics Control (CEC) support
- Built-in bi-directional RS-232 serial remote port for high-end system control
- **Supports resolutions of up to Ultra HD 4kx2k and 1080p Full HD**
- **Supports up to 340MHz bandwidth for high performance video**
- **Signaling rates up to 3.4 Gbits**
- **EDID mode selection**
- Rack-mountable

**Note:** The VS1814T/VS1818T is compatible with the VE812R HDMI over Single Cat 5 Receiver.



### Specification

Function		VS1814T	VS1818T
Connectors	HDMI In	1 x HDMI Type A Female (Black)	
	HDMI Out	1 x HDMI Type A Female (Black)	
	HDBaseT Out	4 x RJ-45 Female	8 x RJ-45 Female
	RS-232	1 x DB-9 Female (Black)	
	Power	1 x 3-Prong AC Socket	
Switches	Power	1 x Rocker	
	EDID Mode	1 x 8-Position Switch	
	EDID Learn	1 x Pushbutton	
	Firmware Upgrade	1 x semi-recessed pushbutton	
LEDs	Power	1 (Green)	
	HDMI In	1 (Green)	
	HDMI Out	1 (Green)	
	EDID Learn	1 (Green / Red)	
	HDBaseT Out	4 (Green)	8 (Green)
Video	4kx2k, 1080p		
Power Consumption	120V/20W; 230V/23W	120W/33W; 230V/35W	
Environment	Operating Temp.	0–50°C	
	Storage Temp.	–20–60°C	
	Humidity	0–80% RH, Non-condensing	
	Housing	Metal	
Physical Properties	Weight	2.10 kg	2.15 kg
	Dimensions (L x W x H)	43.24 x 26.11 x 5.54 cm	

