

# VE814

## HDMI Extender over single Cat 5 with Dual Display

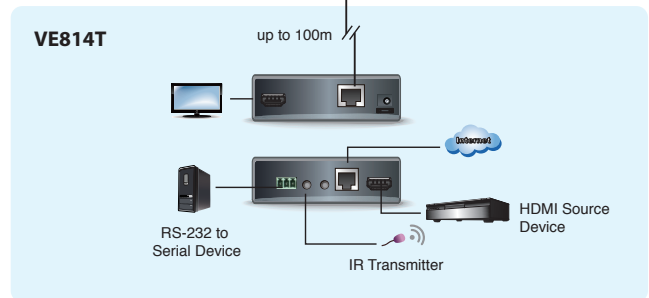
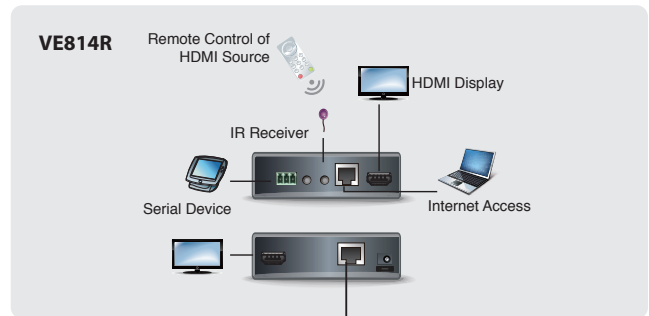
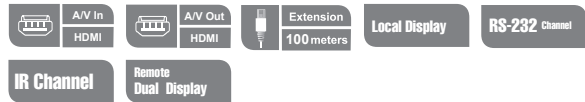
- ATEN's latest offering delivers high quality videos in dual displays over distance. With VE814 HDMI Extender, your HDMI displays can be located up to 100 meters away from the HDMI source device. This is made possible using only one Cat 5e/6 cable, which is cheap and easily available. In addition, your video can be streamed using up to three HDMI displays – dual displays connected to the receiving unit (VE814R) and another one to the transmitter unit (VE814T).

The VE814 carries an Ethernet pass-through port for Internet connectivity, making it easy to go online when necessary. It supports RS-232 and IR signaling pass-through, allowing you to control the HDMI source device from the remote unit (VE814R) while also granting access to the HDMI display device from the local unit (VE814T). The VE814 is HDMI (3D, Deep Color, 4kx2k) and HDCP compatible, ensuring superior video quality so that you get the most out of your HDMI displays.



### Features

- Extends the distance between HDMI source and HDMI display
- 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.
- Supports one local and two remote displays
- Supports two IR channels for bi-directional IR signal transmission
- Extends Ethernet communication with pass-through port
- HDMI (3D, Deep Color, 4kx2k); HDCP Compatible
- Long distance transmission – up to 100 m
- Supports wide screen
- Supports resolutions of up to Ultra HD 4kx2k and 1080p Full HD
- Supports up to 340 MHz bandwidth for high performance video
- Signaling rates up to 3.4Gbits
- EDID Expert – selects the optimum EDID settings for smooth power-up and highest quality display
- RS-232 Serial Port for serial device peripherals, such as touch screens, bar coders scanners, and so on
- Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15 KV)
- Easy to install – no software required
- Rack Mountable



### Specification

Function		VE814T	VE814R
Connectors	HDMI In	1 x HDMI Type A Female (Black)	N/A
	HDMI Out	1 x HDMI Type A Female (Black)	2 x HDMI Type A Female (Black)
	Line In/Out	1 x RJ-45 Female (Silver)	
	Ethernet	1 x RJ-45 Female (Silver)	
	RS-232 Port	1 x Terminal Block, 3 pole	
	IR In/Out	2 x mini stereo jack (Black)	
	Power	1 x DC Jack (Black)	
Switches	F/W Upgrade	1 x Pushbutton	
LEDs	Power/Link	1 (Green)	
	HDMI Out	1 (Green)	2 (Green)
Video		4kx2k, 1080p @ 60Hz at 100m	
Power Consumption		DC5.3V, 8.5W	DC5.3V, 13.3W
Environment	Operating Temp.	0–50°C	
	Storage Temp	-20–60°C	
	Humidity	0–80% RH, Non-condensing	
Physical Properties	Housing	Metal	
	Weight	0.42 kg	0.43kg
	Dimensions (L x W x H)	14.17 x 10.30 x 3.00 cm	

