

# VE802

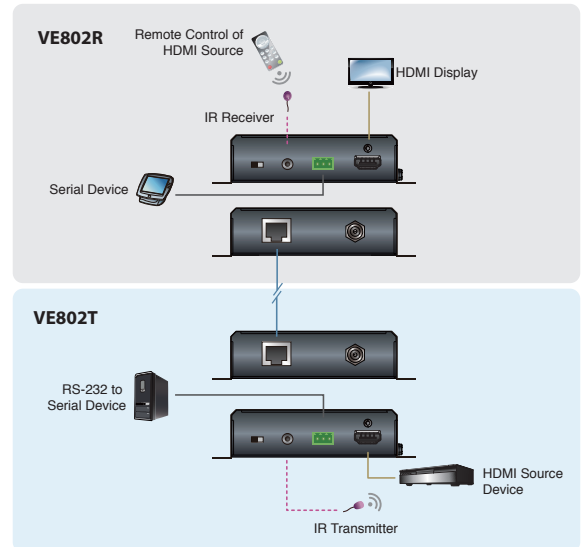
## HDMI HDBaseT-Lite Extender with POH

- The VE802 HDMI HDBaseT-Lite Extender extends an HDBaseT signal up to 70m from the HDBaseT source using one Cat 5e/6/6a cable. VE802 supports RS-232 and IR signaling pass-through, allowing you to control the HDMI source device from the remote unit (VE802R) while also granting access to the HDMI display device from the local unit (VE802T). IR signals can also be extended in both directions. The VE802 features Power over HDBaseT (POH) which can send power over Cat 5e/6/6a cable without an additional power supply. The VE802 is HDMI (3D, Deep Color, 4K) and HDCP compatible. The VE802 is perfect for a digital entertainment center or any installation that requires superior video quality.



### Features

- HDBaseT Connectivity – extends an HDMI connection over a long distance via one Cat 5e/6/6a cable
- HDBaseT Anti-jamming – resists signal interference during high-quality video transmission using HDBaseT technology
- POH (Power over HDBaseT) – supplies power from Transmitter to Receiver over a long distance via one Cat 5e/6/6a cable
- Bi-directional RS-232 channel – allows you to connect to serial terminals or serial devices, such as touch screens and barcode scanners
- Bi-directional IR channel – IR transmission is processed one direction at a time
- Rack- Mountable



### Specifications

Function	VE802T	VE802R
<b>Video Input</b>		
Interface	1 x HDMI Type A Female (Black)	N/A
Impedance	100Ω	
Max. Distance	1.8 m	
<b>Video Output</b>		
Interface	N/A	1 x HDMI Type A Female (Black)
Impedance	100Ω	
<b>Video</b>		
Max. Data Rate	10.2Gbps (3.4Gbps per lane)	
Max. Pixel Clock	340 MHz	
Compliance	HDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)	
Max. Resolutions / Distance	Up to 4K@35m (Cat 5e/6) / 40m (Cat 6a); 1080p@60m (Cat 5e/6) / 70m (Cat 6a) <b>*4K supported:</b> 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	
<b>Audio</b>		
Input	1 x HDMI Type A Female (Black)	N/A
Output	N/A	1 x HDMI Type A Female (Black)
<b>Control</b>		
RS-232	<b>Connector:</b> 1 x Terminal Block, 3 pole <b>Baud Rate:</b> 19200, Data Bits:8, <b>Stop Bits:</b> 1, no parity and flow control	
IR	1 x Mini Stereo Jack Female (Black)	
<b>Power</b>		
Connectors	1 x DC Jack (Black) with locking	
Consumption	DC5V, 3.6W	DC5V, 4W
<b>Environmental</b>		
Operating Temperature	0 - 50°C	
Storage Temperature	-20 - 60°C	
Humidity	0 - 80% RH, Non-Condensing	
<b>Physical Properties</b>		
Housing	Metal	
Weight	0.44kg	0.46kg
Dimensions (L x W x H)	14.49 x 12.30 x 3.00 cm	14.49 x 12.30 x 3.00 cm

