

# VE802

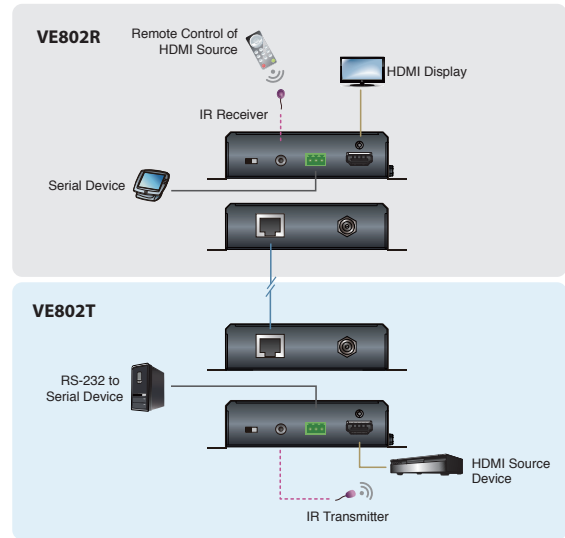
## HDMI HDBaseT-Lite Extender with POH

- 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



### Specification

Function		VE802
Video Input	Interface	1 x HDMI Type A Female (Black)
	Impedance	100Ω
	Max distance	1.8 m
Video Output	Interface	1 x HDMI Type A Female (Black)
	Impedance	100Ω
Video	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)
Audio	Input	1 x HDMI Type A Female (Black)
	Output	1 x HDMI Type A Female (Black)
Control	RS-232	Connector: 1 x Terminal Block, 3 pole Baud rate and protocol: Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control
	IR	1 x Mini Stereo Jack Female (Black)
Power	Connector	1 x DC Jack (Black) with locking
	Consumption	VE802T: DC5V, 3.6W; VE802R: DC5V, 4W
Environment	Operating Temp.	0–50°C
	Storage Temp.	-20–60°C
Physical Properties	Humidity	0–80% RH, Non-condensing
	Housing	Metal
Physical Properties	Weight	VE802T: 0.44 kg VE802R: 0.46 kg
	Dimensions (L x W x H)	14.48 x 12.30 x 3.00 cm

