

VB802

HDMI Cat 5 Repeater (1080p@40m)



The VB802 HDMI Over Cat 5e/6 Repeater is an HDMI signal extension device which is compatible with ATEN HDMI Over Cat 5e/6 Splitters or Extender. The VB802 extends the transmission range an extra 200 feet (60m) over two Cat 5e/6 cables. The use of an additional repeater means the HDMI signals can be transmitted over even longer distances.



Features

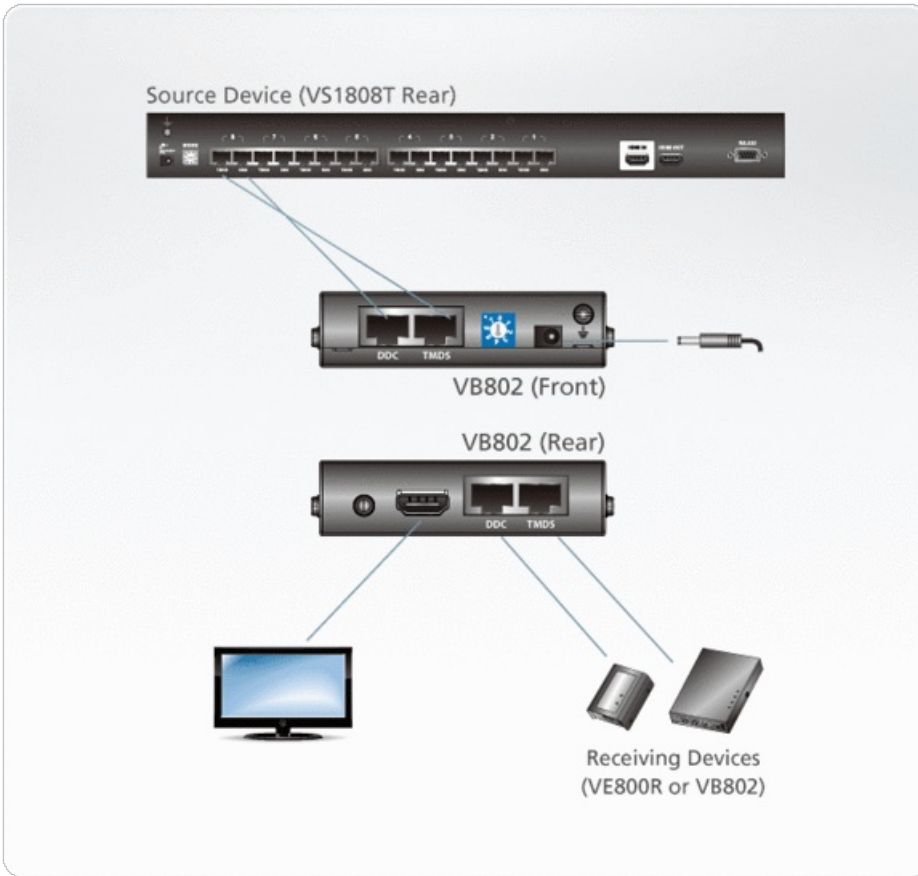
- Uses two Cat 5e/6 cables to extend HDMI signal
- Long distance transmission – up to 200 feet (60 m)
- Provides the quickest and most efficient way to move multimedia content from Transmitter to Receiver
- Offers local HDMI output
- HDMI and HDCP compatible
- HDMI (3D)
- 8-level EQ adjustment to improve image quality
- Cascadable to five levels*
- Superior video quality – HDTV resolutions of 480p, 720p, 1080i and 1080p (1920 x 1080)

* Signal quality depends on cables. We recommend STP Cat 5e/6 cables or ATEN low skew cable (Part No. [2L-2801](#))

Specification

Video Output	
Interfaces	1 x HDMI Type A Female (Black) 2 x RJ-45 Female
Impedance	100 Ω
Video	
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)
Max. Bandwidth	225 MHz
Compliance	HDMI (3D, Deep Color) HDCP Compatible
Max. Resolutions / Distance	Up to 1080p@40m; 1080i@60m
Audio Outputs	
Interfaces	1 x HDMI Type A Female (Black)
Connectors	
Power	1 x DC Jack (Black)
Power Consumption	DC5V:12.28W:58BTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0 - 50°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.25 kg (0.55 lb)
Dimensions (L x W x H)	12.30 x 9.04 x 2.26 cm (4.84 x 3.56 x 0.89 in.)
Carton Lot	20 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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