

VE801R

HDMI HDBaseT-Lite Receiver (4K@40m)
(HDBaseT Class B)



The VE801R HDMI HDBaseT-Lite Receiver incorporates connects with HDBaseT transmitters* to extend signal up to 70m from the source using one Cat 5e/6/6a cable. It supports HDMI features that include 3D, Deep Color and 4K image resolutions, plus Dolby Digital 5.1, DTS HD audio and it is [HDCP](#) compatible. The VE801R all-in-one design provides an easy method for mounting the device in any location. The side panel provides slip-resistant grooves that help prevent accidental drops when installing the unit. The grooves also enhance the ability to see the LED status lights. The VE801R is perfect for digital entertainment centers or any installation that requires superior HDMI video quality to be extended for great distances.

* Compatible HDBaseT Transmitter Units: [VE801T](#)



Features

- Extends HDMI signals over a single Cat 5e/6/6a cable or ATEN [2L-2910](#) Cat 6 cable
- HDMI (3D, Deep color, 4K); [HDCP](#) 2.2 compliant
- Superior video quality – up to 4K@35m (Cat 5e/6) / 40m (Cat 6a or ATEN [2L-2910](#) Cat 6 cable)
- HDBaseT Anti-jamming – resists signal interference during high-quality video transmission using HDBaseT technology
- Plug-and-play
- Rack-mountable

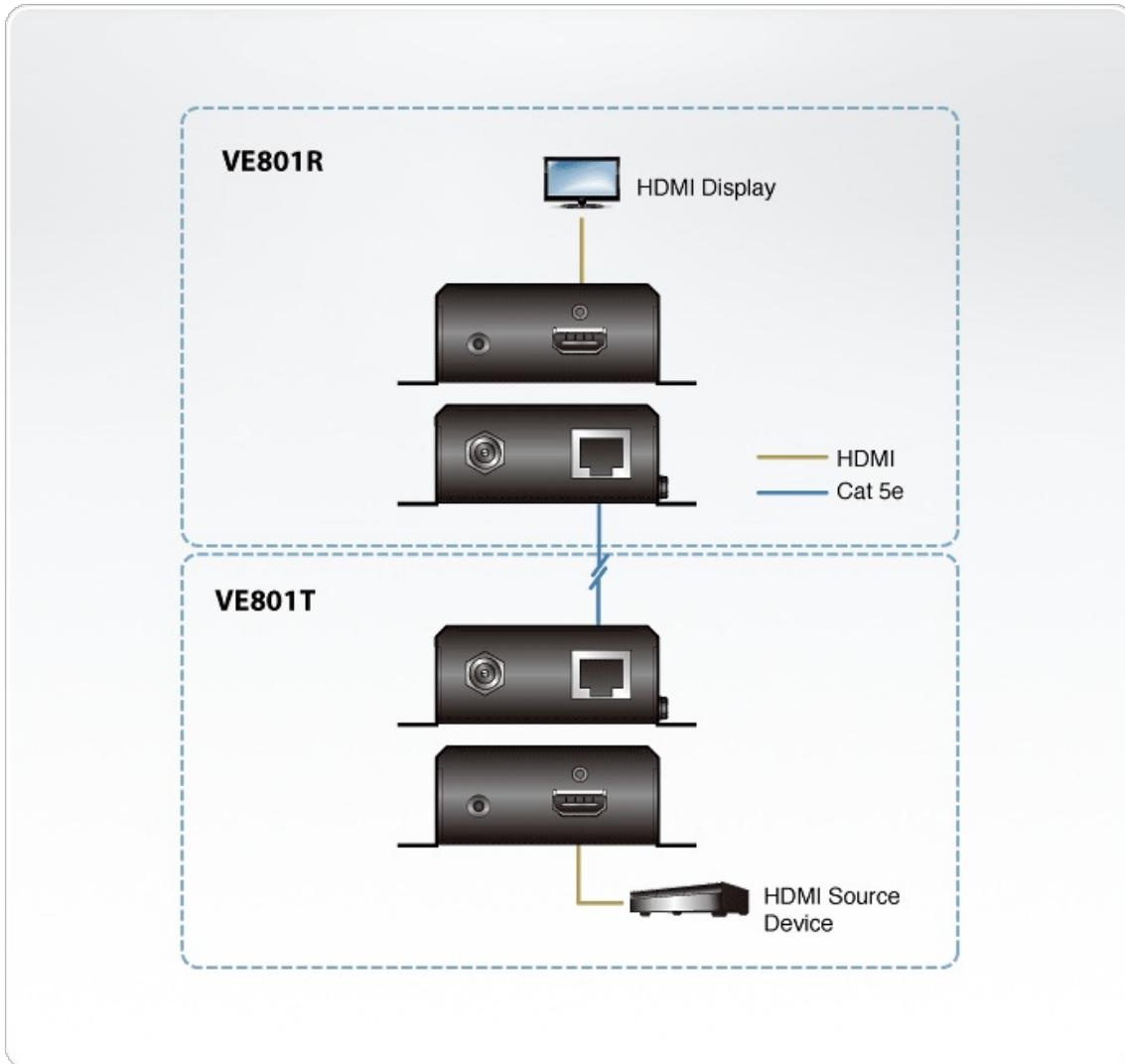
Specifications

HDMI HDBaseT-Lite Receiver
(HDBaseT Class B)

Video Output	
Interfaces	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/ATEN 2L-2910 Cat6); 1080p@60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat6) *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)
Audio	
Output	1 x HDMI Type A Female (Black)
Connectors	
Power	1 x DC Jack (Black) with locking
Unit To Unit	1 x RJ-45 Female
Power Consumption	DC5V:4.24W:20BTU
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) with bracket	9.86 x 8.70 x 3.00 cm (3.88 x 3.43 x 1.18 in.)
Dimensions (L x W x H) without bracket	9.42 x 6.60 x 2.90 cm (3.71 x 2.6 x 1.14 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com



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