

VE811R

HDMI HDBaseT Receiver (4K@100m) (HDBaseT Class A)



The ATEN VE811R HDMI HDBaseT Receiver guarantees the optimum HDMI connection up to 100 m over a single Cat 5e/6/6a or ATEN [2L-2910](#) Cat 6 cable. The VE811R meets HDMI Specification features including 3D, Deep Color, HD lossless audio formats and CEC pass through. It supports Dolby Digital 5.1, DTS HD audio and video signals at resolutions up to 4K.

Pushing the technology and design to the limit, the compact design makes the VE811R easy to mount in any location. Engineered for today's digital trends, the VE811R is ideal for meeting rooms, or any setting that requires high quality HDMI video to be extended for great distances.



Features

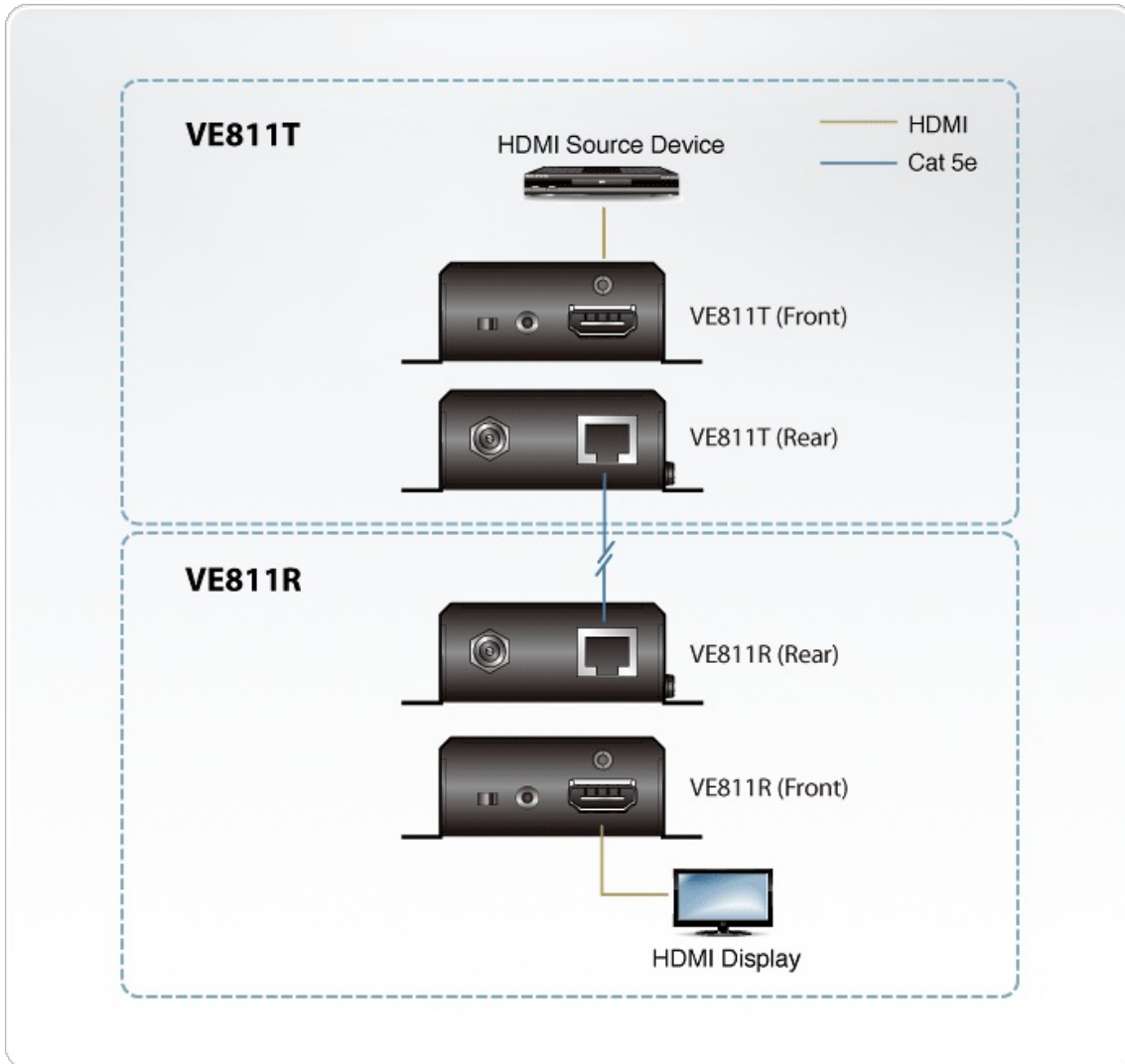
- HDBaseT Connectivity - extends an HDMI connection up to 100m via a single Cat 5e/6/6a or ATEN [2L-2910](#) Cat 6 cable
- HDMI (3D, Deep Color, 4K)
- HDCP 2.2 compatible
- Supports resolutions of up to Ultra HD 4kx2k and 1080p Full HD
- Supports wide screen format
- Plug and play - no software required
- Built- in 8KV/ 15 KV ESD protection
- Rack Mountable

Specification

Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3 m (2L-7D03H)
Video	
Max. Data Rate	10.2Gbps (3.4Gbps per lane)

Max. Pixel Clock	340 MHz
Compliance	HDMI (3D, Deep Color, 4K) HDCP2.2 Compatible Consumer Electronics Control (CEC)
Max. Resolutions / Distance	Up to 4K@70m (Cat 5e/6) / 100m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@100m (Cat 5e/6/6a) *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	
Unit To Unit	1 x RJ-45 Female
Firmware Upgrade	1 x Mini Stereo Jack Female (Black)
Power	1 x DC Jack (Black) with locking
Switches	
Long Reach Mode Switch	1 x Slide Switch - ON/OFF
Power Consumption	DC5V:3.84W:18BTU
Environmental	
Operating Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.17 kg (0.37 lb)
Dimensions (L x W x H) with bracket	8.64 x 7.30 x 2.47 cm (3.4 x 2.87 x 0.97 in.)
Dimensions (L x W x H) without bracket	8.20 x 5.20 x 2.37 cm (3.23 x 2.05 x 0.93 in.)

Diagram



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