

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

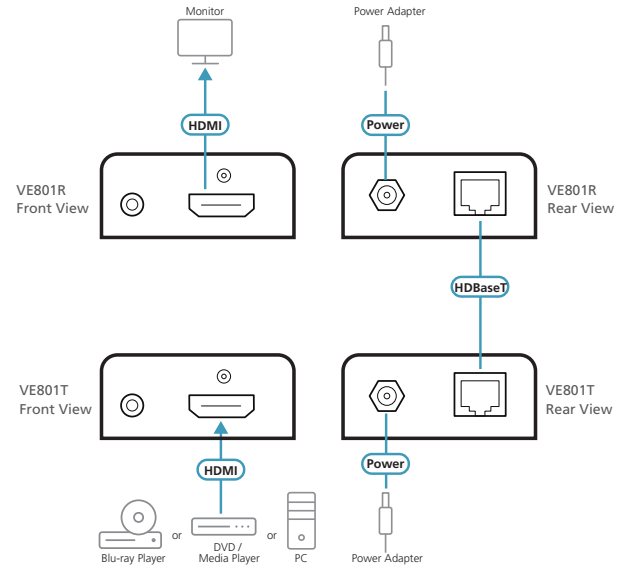
VE801

The VE801 HDMI HDBaseT-Lite Extender extends an HDMI signal up to 70m from the HDBaseT 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 VE801 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 VE801 is perfect for digital entertainment centers or any installation that requires superior HDMI video quality to be extended for great distances.



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

	VE801R	VE801T
Video Input		
Interface	N/A	1 x HDMI Type A Female (Black)
Impedance	N/A	100 Ω
Max. Distance	N/A	3 m
Video Output		
Interface	1 x HDMI Type A Female (Black)	N/A
Impedance	100 Ω	N/A
Max. Distance	3 m	N/A
Video		
Max. Data Rate	10.2Gbps (3.4Gbps per lane)	
Max. Pixel Clock	340 MHz	
Compliance	HDMI (3D, Deep Color, 4K); HDCP 2.2 Compatible Consumer Electronics Control (CEC)	
Max. Resolutions / Distance	Up to 4K @ 35m (Cat 5e / 6) / 40m (Cat 6a / ATEN 2L-2910 Cat 6); 1080p @ 60m (Cat 5e / 6) / 70m (Cat 6a / ATEN 2L-2910 Cat 6) *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	
Audio		
Input	N/A	1 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)	N/A
Power		
Connectors	1 x DC Jack (Black) with locking	
Unit To Unit	1 x RJ-45 Female	
Consumption	DC 5 V : 4.24 W	DC 5 V : 1.86 W
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	0.24 kg
Dimensions (L x W x H) with bracket	9.86 x 8.70 x 3.00 cm	
Dimensions (L x W x H) without bracket	9.42 x 6.60 x 2.90 cm	

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