

VE812

HDMI over Single Cat 5 Extender

- The VE812 HDMI over Single Cat 5 Extender enables an HDMI display to be located up to 100 meters away from the source device. It can conveniently be extended using only one Cat 5e cable, which is cost-effective.

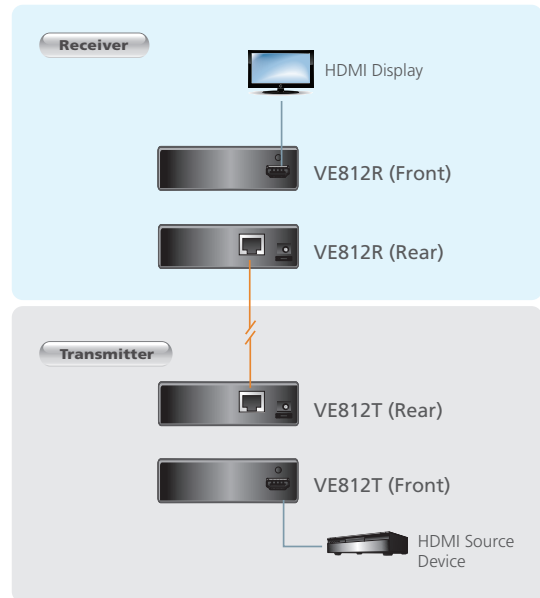
The VE812 not only supports HDMI (3D, Deep Color) but also Ultra HD (4k x 2k) and is HDCP compatible. Furthermore remote EDID pass-through ensures optimum video quality for your HDMI display.

The VE812 is perfect for the meeting room, home theater or any installation that needs long distance transmission and superior video quality.



Features

- Extends the distance between HDMI source and HDMI display
- Implements HDBaseT extension technology using only one Cat 5 cable to connect the transmitter and receiver
- HDMI (3D, Deep Color, 4kx2k); HDCP Compatible
- Anti-jamming – resists signal interference during high-quality video transmission using HDBaseT technology
- Long distance transmission - up to 100m
- Supports resolutions of up to Ultra HD 4kx2k and 1080p Full HD
- EDID Expert – selects the optimum EDID settings for smooth power-up and highest quality display
- Supports up to 340MHz bandwidth for high performance video
- Signaling rates up to 3.4 Gbits
- Supports Dolby True HD and DTS HD Master Audio
- Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15 KV)



Specifications

Function	VE812T	VE812R
Video Input		
Interface	1 x HDMI Type A Female (Black)	N/A
Impedance	100 Ω	
Max. Distance	1.8 m	
Video Output		
Interface	N/A	1 x HDMI Type A Female (Black)
Impedance	100Ω	
Video		
Max. Data Rate	10.2 Gbps (3.4 Gbps Per Lane)	
Max. Pixel Clock	Up to 340 MHz	
Compliance	HDMI (3D, Deep Color, 4K) HDCP Compatible Consumer Electronics Control (CEC)	
Max. Resolutions / Distance	Up to 4K@70m (Cat 5e/6) / 100m (Cat 6a); 1080p@100m *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	
Audio		
Input	1 x HDMI Type A Female (Black)	N/A
Output	N/A	1 x HDMI Type A Female (Black)
Power		
Connectors	1 x DC Jack (Black)	
Consumption	5.3 VDC, 1.9W	5.3 VDC, 4.5W
Environmental		
Operating Temperature	0 - 50°C	
Storage Temperature	-20 - 60°C	
Humidity	0 - 80% RH, Non-Condensing	
Physical Properties		
Housing	Metal	
Weight	0.40 kg	0.40 kg
Dimensions (L x W x H)	14.17 x 10.30 x 3.00 cm	14.17 x 10.30 x 3.00 cm

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