

VE812T

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



The VE812T HDMI Over Single Cat 5 Transmitter supports HDBaseT technology that uses a single Cat 5e cable to extend signals up to 100 m. The VE812T not only supports HDMI (3D, Deep Color) but also Ultra HD (4k) and is HDCP compatible. Furthermore, remote EDID pass-through ensures optimum video quality for your HDMI display.

The VE812T is perfect for the meeting room, home theater or any installation that needs long distance transmission and superior video quality.



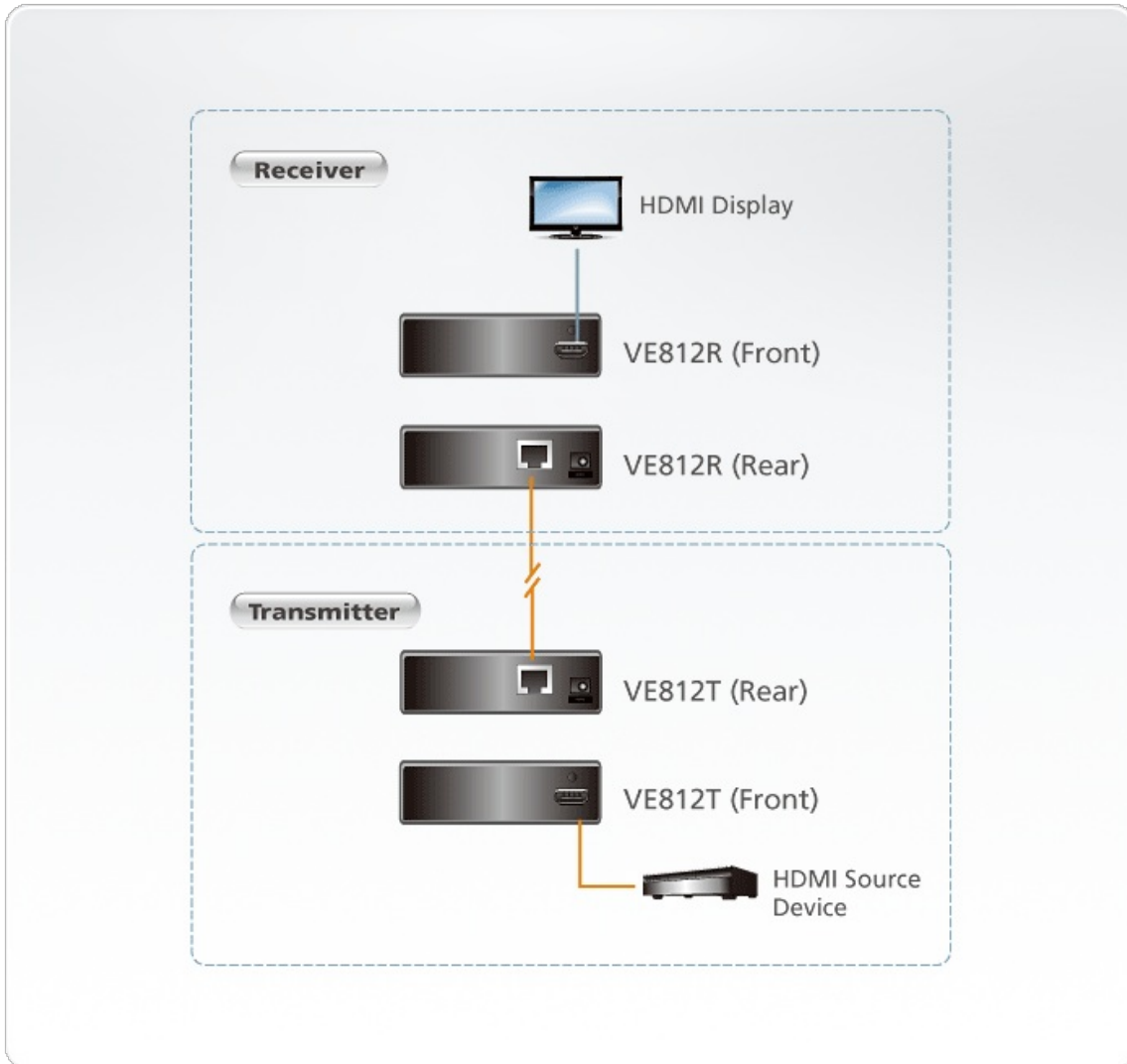
Features

- Implements HDBaseT extension technology using only one Cat 5e cable to connect the transmitter and receiver
- HDMI (3D, Deep Color, 4k); HDCP Compatible
- Anti-jamming - resists signal interference during high-quality video transmission using HDBaseT technology
- Long distance transmission - up to 100m
- Selects the optimum EDID settings for smooth power-up and highest quality display
- Supports up to 340MHz bandwidth for high performance video
- Supports Dolby True HD and DTS HD Master Audio
- Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15 KV)

Specification

Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3 m (2L-7D03H)
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) HDCP2.2 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)
Connectors	
Power	1 x DC Jack (Black)
Power Consumption	DC5.3V:2.22W:10BTU
Environmental	
Operating Temperature	0 - 50°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.41 kg (0.9 lb)
Dimensions (L x W x H)	14.17 x 10.30 x 3.00 cm (5.58 x 4.06 x 1.18 in.)
Carton Lot	5 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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