

VE800A

HDMI Cat 5 Extender (1080p@40m)



The VE800A HDMI Extender extends your HDMI display up to 60 m away from your HDMI source using one Cat 5e cable. ATEN's VE800A incorporates new technology that allows the A/V signals to be transmitted over a single Cat 5e cable. DDC port is provided for the ability to use the display's [EDID](#) by simply connecting another Cat 5e cable. The VE800A supports HDMI features such as 3D and Deep Color to give you the picture perfect viewing experience you desire.



Features

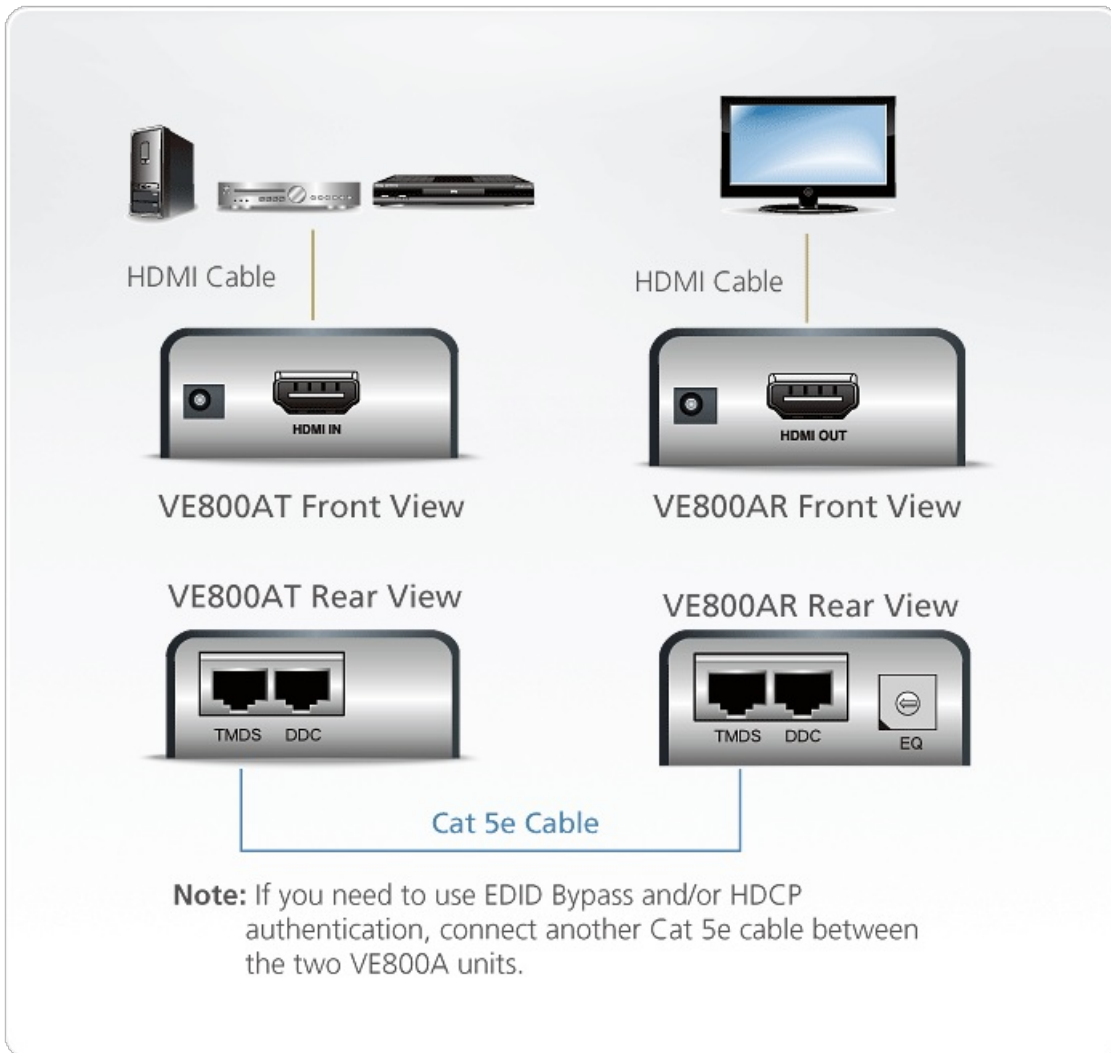
- Extends the distance between HDMI source and HDMI display
- Uses Cat 5e cable to connect the local and remote units
- Extend 1080p by 40 m; extend 1080i ([HDTV](#)) by 60 m
- Superior video quality – 1920 x 1200, up to 1080p
- HDMI (3D, Deep Color); [HDCP](#) Compatible
- Supports Dolby True HD and DTS HD Master Audio
- 8 segment equalization adjustment switch optimizes display quality
- DDC compatible

Specifications

Function	VE800AR	VE800AT
Video Output		
Interfaces	1 x HDMI Type A Female (Black)	N/A
Impedance	100 Ω	N/A
Max. Distance	3 m	N/A
Video Input		
Impedance	N/A	100 Ω

Interfaces	N/A	1 x HDMI Type A Female (Black)
Max. Distance	N/A	3 m
Video		
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz	225 MHz
Compliance	HDMI (3D, Deep Color) HDCP Compatible	HDMI (3D, Deep Color) HDCP Compatible
Max. Resolutions / Distance	Up to 1080p@40m; 1080i@60m	Up to 1080p@40m; 1080i@60m
Audio		
Output	1 x HDMI Type A Female (Black)	N/A
Input	N/A	1 x HDMI Type A Female (Black)
Connectors		
Power	1 x DC Jack	1 x DC Jack
Power Consumption	DC5V:0.61W:3BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	DC5V:0.9W:4BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental		
Operating Temperature	0 - 50°C	0 - 50°C
Storage Temperature	-20 - 60°C	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing
Physical Properties		
Housing	Metal	Metal
Weight	0.16 kg (0.35 lb)	0.16 kg (0.35 lb)
Dimensions (L x W x H)	9.00 x 5.50 x 2.20 cm (3.54 x 2.17 x 0.87 in.)	9.00 x 5.50 x 2.20 cm (3.54 x 2.17 x 0.87 in.)
Carton Lot	5 pcs	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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