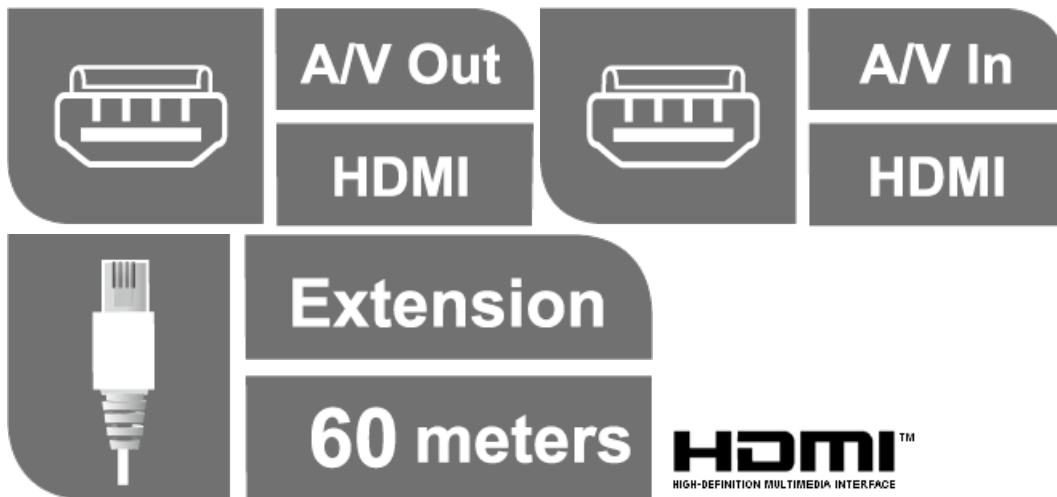


## VE800A

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

### Specification

|          |         |         |
|----------|---------|---------|
| Function | VE800AR | VE800AT |
|----------|---------|---------|

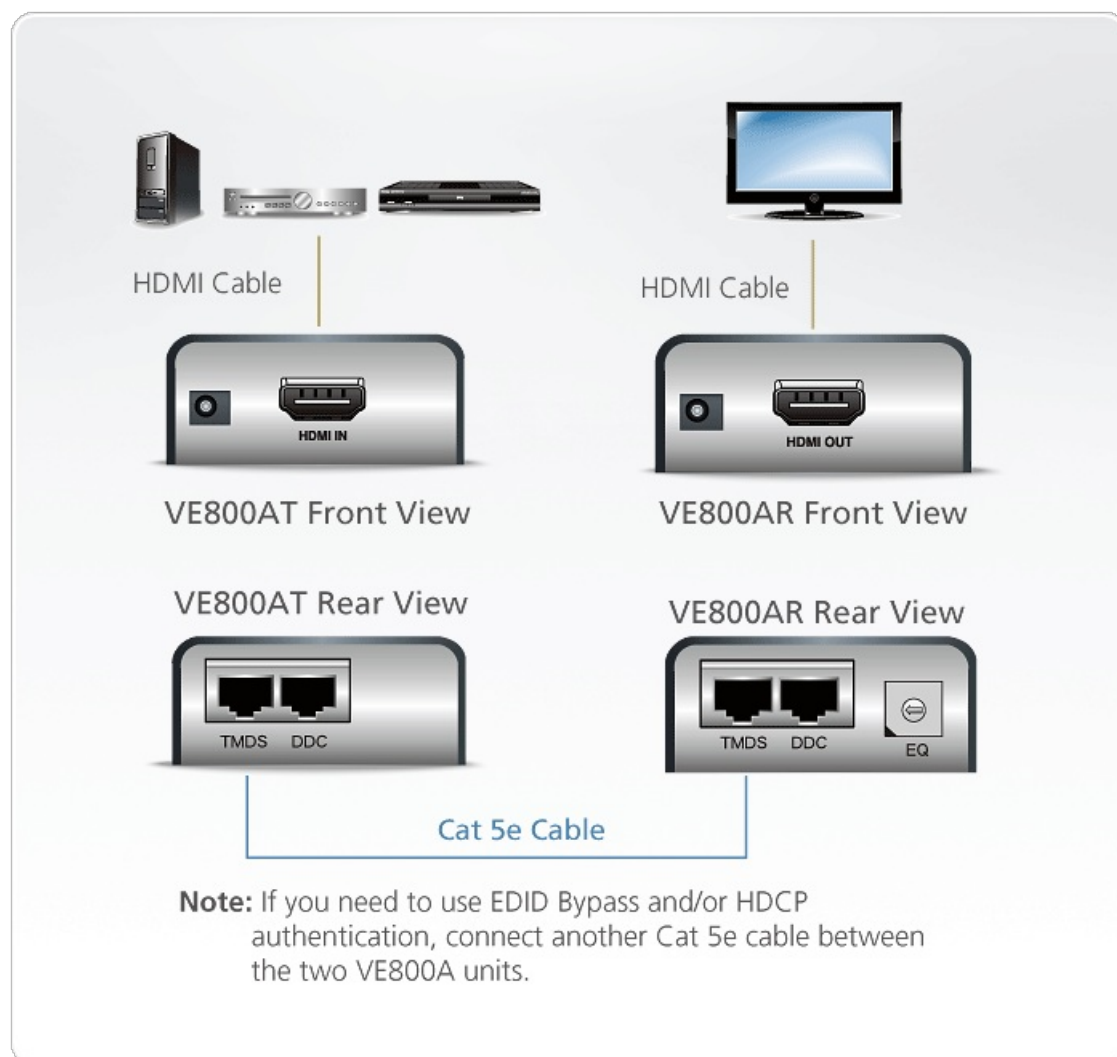


|                             |   |  |
|-----------------------------|---|--|
| Video Output                |   |  |
| Interfaces                  | 1 x HDMI Type A Female (Black)  | N/A  |
| Impedance                   | 100 $\Omega$  | N/A  |
| Max. Distance               | 3 m   | N/A  |
| Video Input                 |   |  |
| Impedance                   | N/A   | 100 $\Omega$   |
| 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)<br>HDCP Compatible  | HDMI (3D, Deep Color)<br>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<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | DC5V:0.9W:4BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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<br>(L x W x H) | 9.00 x 5.50 x 2.20 cm<br>(3.54 x 2.17 x 0.87 in.)   | 9.00 x 5.50 x 2.20 cm<br>(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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