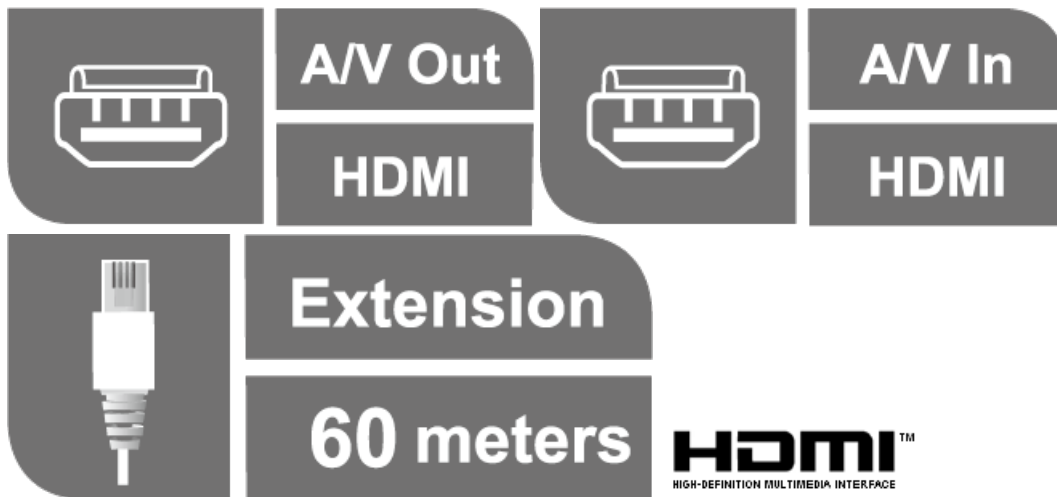


## VE800A

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

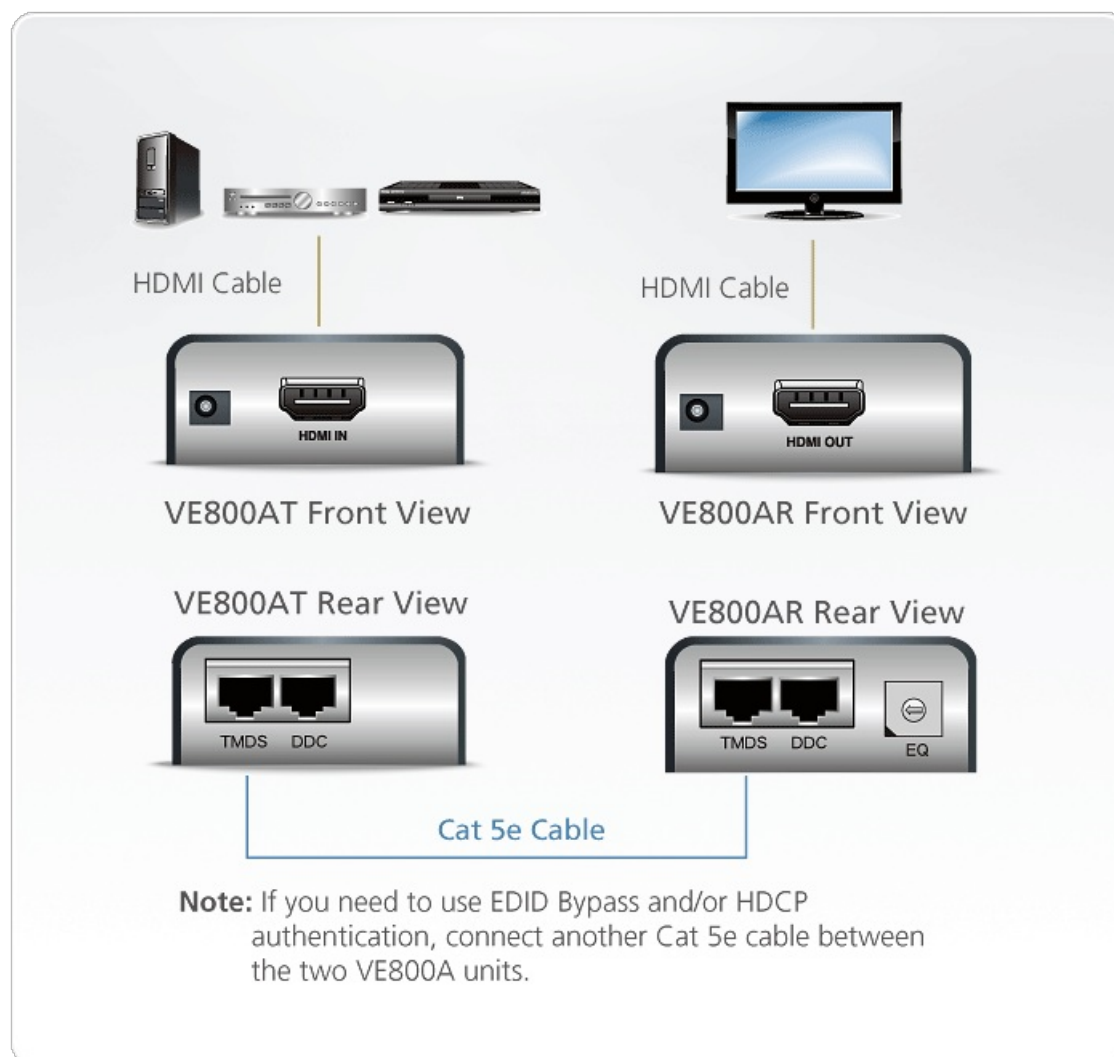
### Specifications

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

|                             |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Output                |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |
| Interfaces                  | 1 x HDMI Type A Female (Black)                                                                                                                                                                                                                    | N/A                                                                                                                                                                                                                                              |
| Impedance                   | 100 $\Omega$                                                                                                                                                                                                                                      | 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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