

## VE800

HDMI Extender



The VE800 HDMI Extender extends your HDMI display up to 60 m away from your HDMI source using two Cat 5e cables. It is equipped with HDMI (high definition multimedia interface) connectors and is capable of supporting DVI-D (Single-Link) equipment when used with a HDMI-to-DVI adapter, providing greater flexibility and installation options when integrating several home theater components.



### Features

- Extends the distance between HDMI source and HDMI display
- Uses Cat 5e cable to achieve long distance transmission
- 8 segment equalization adjustment switch
- Extend 1080p by 40m; extend 1080i (HDTV) by 60m
- Superior video quality – 1920 x 1200, up to 1080p
- HDMI (3D, Deep Color)
- Supports Dolby True HD and DTS HD Master Audio
- DDC compatible
- HDCP 1.1 Compatible
- Compatible with all ATEN HDMI switches and splitters

## Specification

|                        |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function               | VE800L                                                                                                                                                                                                                                          | VE800R                                                                                                                                                                                                                                          |
| Device Connections     | 1                                                                                                                                                                                                                                               | N/A                                                                                                                                                                                                                                             |
| Connectors             |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
| Display                | N/A                                                                                                                                                                                                                                             | 1 x HDMI Type A Female (Black)                                                                                                                                                                                                                  |
| Device                 | 1 x HDMI Type A Female (Black)                                                                                                                                                                                                                  | N/A                                                                                                                                                                                                                                             |
| Unit To Unit           | 2 x RJ-45 Female                                                                                                                                                                                                                                | 2 x RJ-45 Female                                                                                                                                                                                                                                |
| Power Jack             | 1 x DC Jack                                                                                                                                                                                                                                     | 1 x DC Jack                                                                                                                                                                                                                                     |
| LEDs                   |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
| Power                  | 1 (Orange)                                                                                                                                                                                                                                      | 1 (Orange)                                                                                                                                                                                                                                      |
| Online                 | N/A                                                                                                                                                                                                                                             | 1 (Green)                                                                                                                                                                                                                                       |
| Video Resolution       | HDTV resolutions: 480p, 720p, 1080i, 1080p(1920 x 1080);<br>PC resolutions: VGA, SVGA, XGA, SXGA, UXGA, WUXGA (1920 x 1200)                                                                                                                     | HDTV resolutions: 480p, 720p, 1080i, 1080p(1920 x 1080);<br>PC resolutions: VGA, SVGA, XGA, SXGA, UXGA, WUXGA (1920 x 1200)                                                                                                                     |
| Power Consumption      | DC5V:1.22WBTU/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:0.95WBTU/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 (L x W x H) | 9.00 x 5.50 x 2.40 cm<br>(3.54 x 2.17 x 0.94 in.)                                                                                                                                                                                               | 9.00 x 5.74 x 2.40 cm<br>(3.54 x 2.26 x 0.94 in.)                                                                                                                                                                                               |
| 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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