

## VE022

Mini VGA/Audio Cat 5 Extender (1280 x 1024@150m)



The VE022 Mini Cat 5 A/V Extender allows you to extend the distance between your video/audio source and display devices by as much as 150 meters, using a Cat 5e cable, providing an easy way to replace heavy and expensive VGA cables. With hot-plugging support, you can quickly add or remove the VE022 transmitter/receiver connected to the source/display device without having to power down devices. The VE022 Mini Cat 5 A/V Extender is a compact, convenient and economical addition to your video/audio setup.

### Features

- Uses Cat 5e cable to extend audio and video transmission up to 150 m
- Superior video quality – screen resolutions include 1920 x 1200@60Hz(30 m), 1600 x 1200@60Hz(100 m) and 1280 x 1024@60Hz(150 m)
- Adjustable Gain Control lets you manually adjust signal strength to compensate for distance
- Audio enabled (mono)
- [Convenient docking interface for mounting the VE022 on the display device.](#)
- Eliminates the need for bulky VGA cables
- Easy installation

### Specification

| Function       | VE022R                   | VE022T                  |
|----------------|--------------------------|-------------------------|
| Video Input    |                          |                         |
| Interfaces     | N/A                      | 1 x HDB-15 Male (Black) |
| Impedance      | N/A                      | 75 Ω                    |
| Video Output   |                          |                         |
| Interfaces     | 1 x HDB-15 Female (Blue) | N/A                     |
| Impedance      | 75 Ω                     | N/A                     |
| Video          |                          |                         |
| Max. Bandwidth | 300 MHz                  | 300 MHz                 |

|                             |   |   |
|-----------------------------|---|---|
| Max. Resolutions / Distance | Up to 1920 x 1200@30m; 1280 x 1024@150m   | Up to 1920 x 1200@30m; 1280 x 1024@150m   |
| Audio                       |   |   |
| Input                       | N/A   | 1 x Mini Stereo Jack Female (Green)   |
| Output                      | 1 x Mini Stereo Jack Female (Green)   | N/A   |
| Connectors                  |   |   |
| Power                       | 1 x DC Jack   | 1 x DC Jack   |
| Power Consumption           | DC5V:0.95W:4BTU/h<br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> | DC5V:0.62W:3BTU/h<br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| 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                      | 0.05 kg ( 0.11 lb )   | 0.05 kg ( 0.11 lb )   |
| Dimensions (L x W x H)      | 6.42 x 3.53 x 2.06 cm<br>(2.53 x 1.39 x 0.81 in.)   | 7.35 x 3.53 x 2.06 cm<br>(2.89 x 1.39 x 0.81 in.)   |
| Carton Lot                  | 20 pcs  | 20 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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