

## VB100

VGA Booster (1280 x 1024@70m)



The VB100 VGA Booster amplifies the VGA signal from a source device and transmits it to a display up to 70 meters away. The VGA booster extends the display distance without any signal loss; to bring you a crystal clear video display at a longer distance. The VB100 is built with a compact housing design for easy installation and manual gain control to improve image quality at different distances. The VB100 can be powered from the VGA source and has a built-in LED indicator for power. The VB100 supports hotplugging and requires no software for installation, making it an easy, compact, and affordable solution to extend your VGA display.

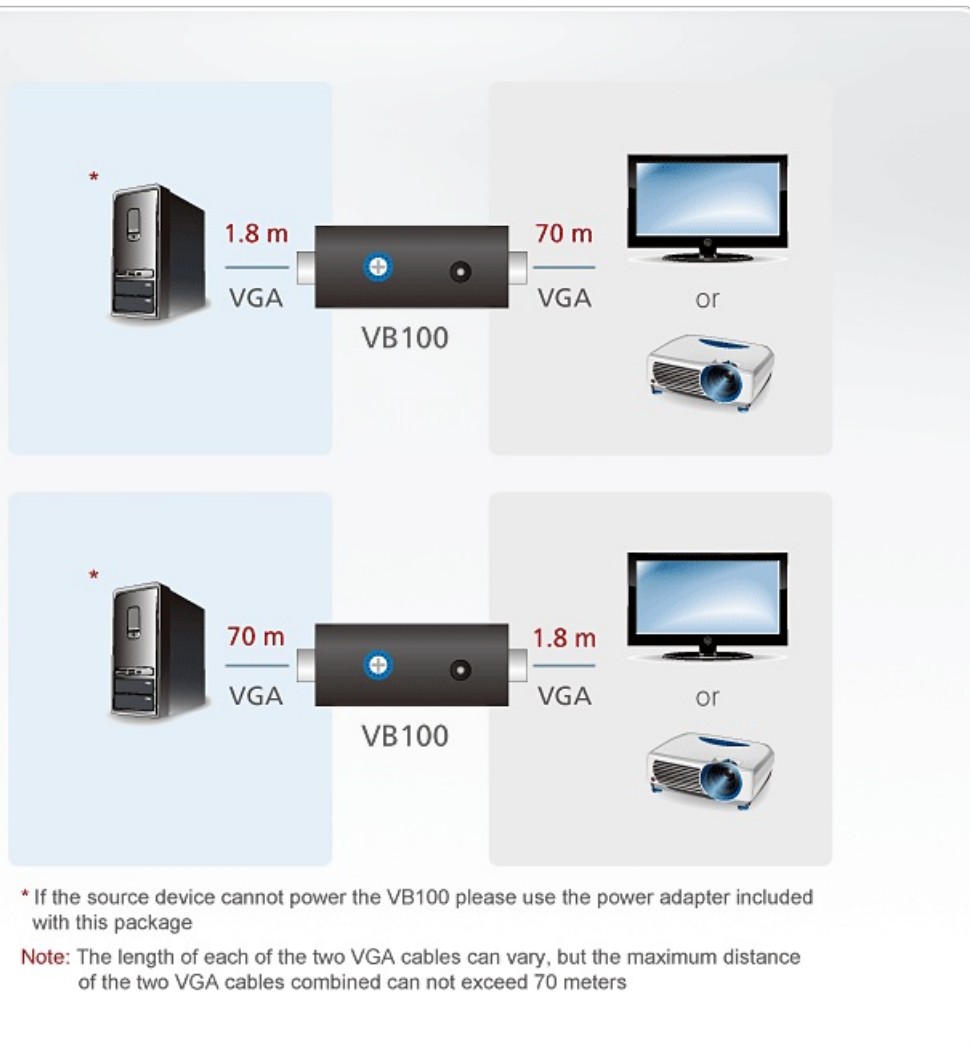
### Features

- Long distance transmission – up to 70 m
- Adjustable video compensation – manually adjust signal strength to compensate for distance
- Superior video quality – up to 1920 x 1200 (30 m); 1280 x 1024 (70 m)
- Supports VGA, XGA, SVGA, UXGA, WUXGA, and multisync monitors
- Supports wide screen formats
- Supports hot-plugging
- Compact housing
- LED indication of power status and source device
- Plug-and-play – no software installation required

## Specifications

|                             |                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Input                 |                                                                                                                                                                                                                                                                                                           |
| Interfaces                  | 1 x HDB-15 Female (Blue)                                                                                                                                                                                                                                                                                  |
| Impedance                   | 75 $\Omega$                                                                                                                                                                                                                                                                                               |
| Video Output                |                                                                                                                                                                                                                                                                                                           |
| Interfaces                  | 1 x HDB-15 Female (Blue)                                                                                                                                                                                                                                                                                  |
| Impedance                   | 75 $\Omega$                                                                                                                                                                                                                                                                                               |
| Video                       |                                                                                                                                                                                                                                                                                                           |
| Max. Bandwidth              | 300 MHz                                                                                                                                                                                                                                                                                                   |
| Max. Resolutions / Distance | Up to 1920 x 1200@30m; 1280 x 1024@70m                                                                                                                                                                                                                                                                    |
| Connectors                  |                                                                                                                                                                                                                                                                                                           |
| Power                       | 1 x DC Jack                                                                                                                                                                                                                                                                                               |
| Power Consumption           | DC5V:0.63W:3BTU/h<br><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                                                                                                                                                                                                                                                                                                  |
| Storage Temperature         | -20 - 60°C                                                                                                                                                                                                                                                                                                |
| Humidity                    | 0 - 80% RH, Non-Condensing                                                                                                                                                                                                                                                                                |
| Physical Properties         |                                                                                                                                                                                                                                                                                                           |
| Housing                     | Metal                                                                                                                                                                                                                                                                                                     |
| Weight                      | 0.06 kg ( 0.13 lb )                                                                                                                                                                                                                                                                                       |
| Dimensions (L x W x H)      | 3.53 x 6.88 x 2.06 cm<br>(1.39 x 2.71 x 0.81 in.)                                                                                                                                                                                                                                                         |
| Carton Lot                  | 10 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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