Simply Better Connections

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 forinstallation, 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

Specification

Video Input	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 Ω
Video Output	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 Ω
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 Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
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 (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

* If the source device cannot power the VB100 please use the power adapter included with this package

Note: The length of each of the two VGA cables can vary, but the maximum distance of the two VGA cables combined can not exceed 70 meters

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