

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

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: <ul style="list-style-type: none"> ● 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

ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan

Phone: 886-2-8692-6789 Fax: 886-2-8692-6767

www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their respective owners.