
VB552

VGA/Audio/RS-232 Cat 5 Repeater with Dual Output (1600 x 1200@150m)



The VB552 VGA Over Cat 5 Repeater +Audio is an audio/video signal extension device which is compatible with ATEN Cat 5 Audio/Video splitters. The VB552 extends the audio/video transmission range an extra 150m over Cat 5e (or higher) cables. The use of an additional repeater means the audio/video signals can be transmitted over even longer distances, up to 450m.

Furthermore, for longer distance installations where video signals may degrade, the VB552 has adjustable video gain and compensation controls to provide the sharpest video quality possible. An IR remote control also provides picture control at the remote site.

Rack-mountable, with two RS-232 channels on the unit for selection, and support for high video resolutions, the VB552 is the perfect solution to extend the range of your A/V and serial transmissions in any installation environment requiring VESA FDMI mount standards.

Features

- Uses Cat 5e cable to extend audio/video signal
- Extends the transmission range an extra 150m
- High-quality video - up to 1920x1200@60Hz at 30m, 1600x1200@60Hz at 150m, 1280x1024@60Hz at 200m
- Audio and serial enabled
- Two gain control modes for sharpest picture quality
- Video gain and compensation adjustable via OSD
- IR receiver for quick and easy video quality adjustment
- IR remote control for screen on/off and video adjustment at remote site
- Provide a RS-232 channel for selection*
- Follows VESA FDMI mount standard
- Supports DDC for the local monitor
- Supports VGA, SVGA, XGA, SXGA, UXGA and multisync monitors
- For use in combination with [VS1504/VS1508](#) Audio/ Video splitter

* Only one RS-232 channel can be selected at a time

Specifications

Video Output	
Interfaces	2 x HDB-15 Female (Blue)
Impedance	75 Ω
Max. Distance	1.8 m
Video	
Max. Bandwidth	300 MHz
Max. Resolutions / Distance	Up to 1920 x 1200@60Hz@30m; 1600 x 1200@60Hz@150m
Audio Outputs	
Interfaces	2 x Mini Stereo Jack Female (Green)
Control	
RS-232	Connector: 2 x DB-9 Male (Black)
Connectors	
Power	1 x DC Jack (Black)
Power Consumption	DC5.3V:4.92W:23BTU/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	0.35 kg (0.77 lb)
Dimensions (L x W x H)	13.90 x 8.80 x 2.86 cm (5.47 x 3.46 x 1.13 in.)
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

