

VE602

DVI Dual Link/Audio Cat 5 Extender (2560 x 1600@40m)



The VE602 DVI Dual Link Extender with Audio extends your DVI display up to 60 m away from your DVI source using Cat 5e cables. The use of Cat 5e cables provides a simple and reliable connection method that takes advantage of the wiring system in most modern office buildings.

The VE602 incorporates ATEN's technology that allows A/V signals to be transmitted over one Cat 5e cable. It uses ATEN default [EDID](#), but is able to learn and save the [EDID](#) configuration of the remote display. For dual link video signals, simply use a second Cat 5e cable.

With support for stereo audio and popular widescreen video formats, the VE602 provides crystal-clear image and sound quality for installations where remote DVI video displays are required.

Features

- Extends the distance between the DVI source and DVI display device
- Long distance transmission – up to 60 m
- Uses Cat 5e cable to connect the local and remote units
- Employs [ATEN EDID technology](#) that allows signal transmission over one Cat 5e cable
- Uses a second (Sub) Cat 5e cable for dual link signals*
- Supports [EDID Learning](#) – Automatically learns and saves the [EDID](#) data of the display to which the Transmitter (VE602T) is connected
- Superior video quality – DVI Dual Link up to 2560 x 1600 @ 60 Hz (40 m); DVI Single Link up to 1920x1200 @ 60 Hz (40 m), 1024 x 768 @ 60 Hz (60 m)
- Audio enabled
- 8 segment equalization adjustment switch optimizes display quality
- Built-in 8KV/15KV ESD protection
- Supports widescreen formats
- Rack mountable

Note:

* The length of the two Cat 5e cables must be the same.

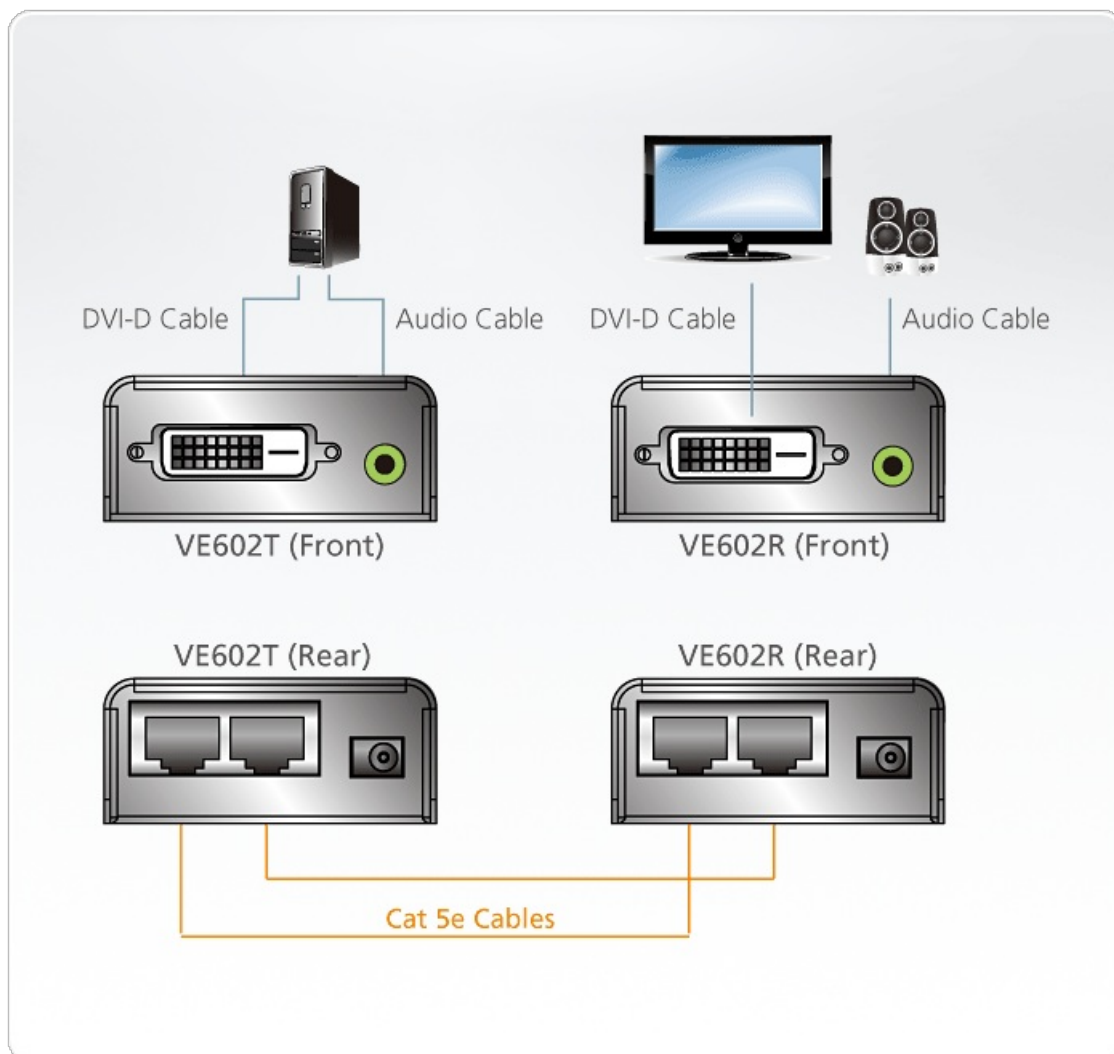
** Note: [HDCP](#) is not supported

Specifications

Function	VE602R	VE602T
Video Input		
Interfaces	N/A	1 x DVI-D Female (White)
Impedance	N/A	100 Ω

Max. Distance	N/A	1.8 m
Video Output		
Interfaces	1 x DVI-D Female (White)	N/A
Impedance	100 Ω	N/A
Video		
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz	225 MHz
Max. Resolutions / Distance	Dual Link: up to 2560 x 1600@40m Single Link: up to 1920 x 1200@40m; 1280 x 1024@60m	Dual Link: up to 2560 x 1600@40m Single Link: up to 1920 x 1200@40m; 1280 x 1024@60m
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	DC5.3V:2.4W:11BTU	DC5.3V:2.86W:13BTU
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	0.18 kg (0.4 lb)	0.18 kg (0.4 lb)
Dimensions (L x W x H)	9.13 x 5.60 x 2.40 cm (3.59 x 2.2 x 0.94 in.)	9.13 x 5.60 x 2.40 cm (3.59 x 2.2 x 0.94 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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