

VE550

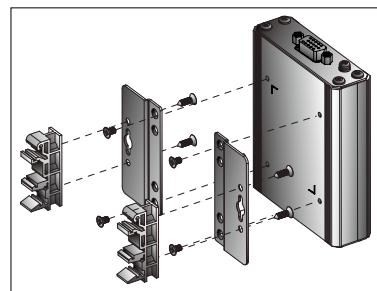
VGA Over Cat 5 Repeater

Extend the range of video transmissions!

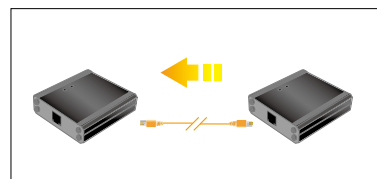
The VE550 VGA Over Cat 5 Repeater is a video signal extension device which is compatible with ATEN KVM Extenders, Video Extenders, and Cat 5 KVM Switches. The VE550 extends the video transmission range up to twice the original distance over Cat 5 (or higher) cables. Moreover, using an additional repeater, VGA signals can be transmitted over even longer distances. Furthermore, in some long distance installations where video signals may degrade, the VE550 can be used in conjunction with the VE510 Video Synchronizer to compensate for video signal delay and video color bleeding.



1. Adjustable Video Gain Control



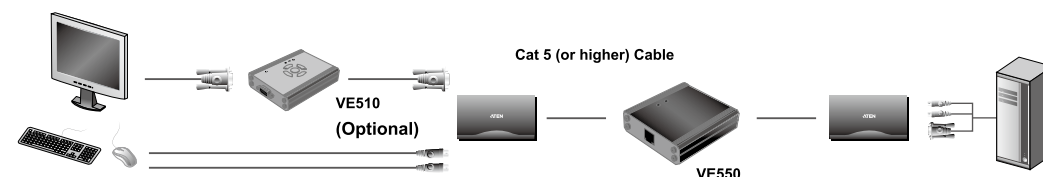
2. Din Rail Mountable



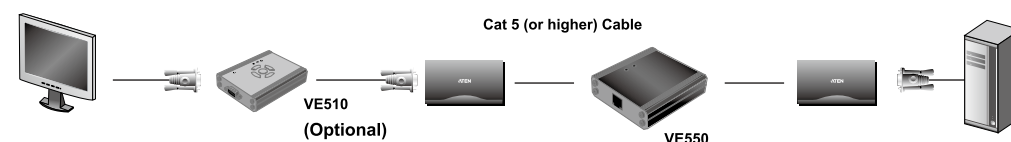
3. Expandable Range (Increases transmission distance using an additional repeater)

Diagram

KVM Extender



Video Extender



Note:

1. VE550 is compatible with ATEN KVM Extenders and Video Extenders.
2. It extends the video transmission range up to twice the original distance. The total extension range will depend on the installation.
3. Video Resolution depends on the Video Source and Receiving Devices.
4. For installations which include keyboard and mouse signals, the VE550 will relay these signals along with the video.
5. The VE510 is optional equipment. In some installations, video signals may degrade considerably or video color may be bleeding over large distances. The VE510 Video Synchronizer corrects color phase and timing errors that occur due to long distance transmission.

Features

- VGA signal extension over Cat 5 (or higher) Cable
- Extends the video transmission range up to twice the original distance
- Expandable Range – using an additional repeater to increase distance transmission
- Adjustable Gain Control – manually adjusts signal strength to compensate for distance
- Built-in 8KV ESD protection and 2KV surge protection
- LED display for easy status monitoring
- Compact Size – Din Rail and Wall mountable
- Compatible with ATEN KVM Extenders and Video Extenders

Specifications

Function		VE550
Connectors	Line In/Out	2 x RJ-45 Female
	Power	1 x DC Jack
Switches	Video Gain	1 x Knob
	Picture Compensation	1 x Knob
LEDs	Online	1 (Green)
	Power	1 (Orange)
Power Consumption		DC 5.3V; 2.52W
Environment	Operating Temp.	0–50°C
	Storage Temp.	-20–60°C
	Humidity	0–80% RH, Non-condensing
Physical Properties	Housing	Metal
	Weight	0.14 kg
Dimensions (L x W x H)		7.38 x 7.90 x 2.44 cm

* The specifications and pictures are subject to change without notice.

VE510 Video Synchronizer

Giving you control over color phase and timing errors!

The VE510 Video Synchronizer is designed to compensate for video signal delays over large distances and can be installed with the VE550 VGA Over Cat 5 Repeater.

The VE510's line synchronizing function corrects color phase and timing errors that occur over long distance transmissions. It also enables you to manually tune the R/G/B signal settings, store the settings and retrieve them later using the memory button.