

# VGA Skew Corrector

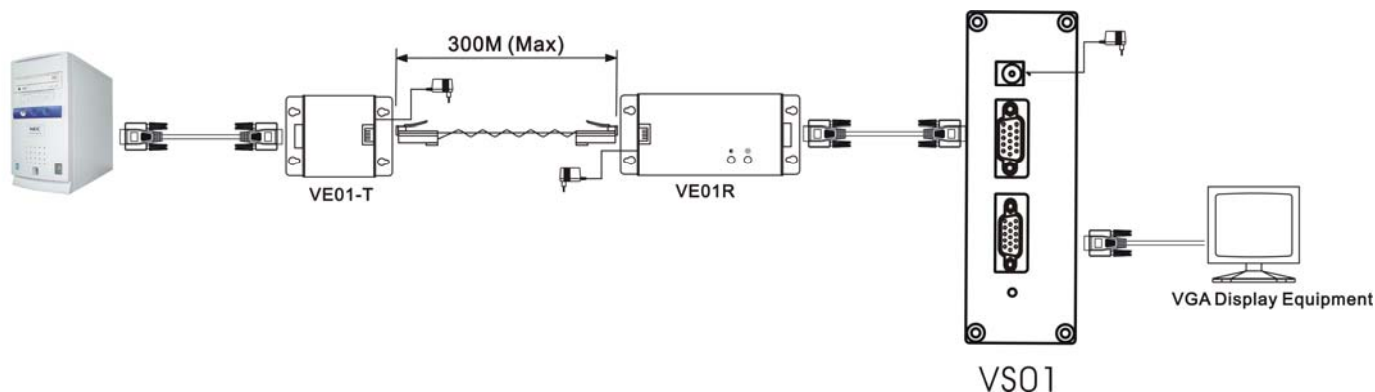
ITEM NO.: VS01

The VS01 is designed to correct VGA and component video (YPbPr) images with colors that have become skewed or shifted due to long Cat5/5e/6 cable runs. This problem occurs in Cat5/5e/6 cable because the pairs of wires are twisted at different rates. The longer cable run, the greater the difference in time there will be between the arrivals of colors at the display device.

## VS01 VGA Skew Corrector

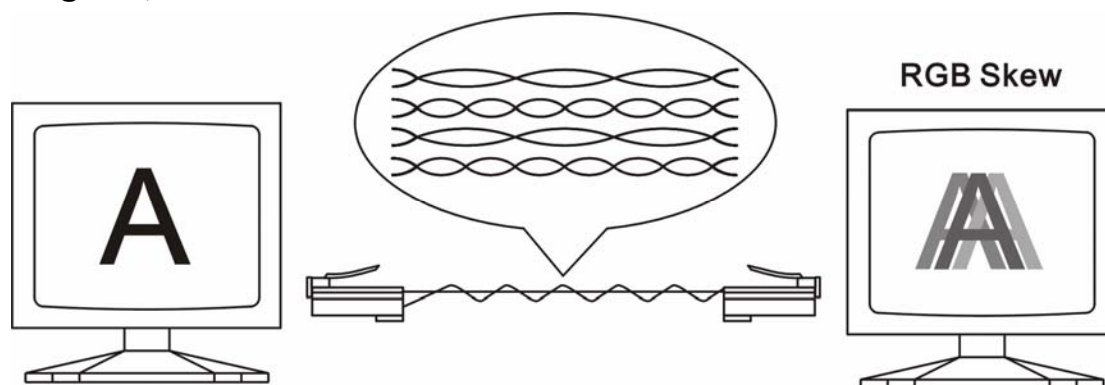
- Designed to correct images with colors (RGB) that have become skewed due to long CAT5/5e/6 Cable runs.
- Application for VGA or component video (YPbPr)
- Adjusts the position of each color individually.
- Smoothly moves each color to the right or left.
- Digitally save settings and remembers last state.
- Terminates input signals and buffers the output for best picture integrity.

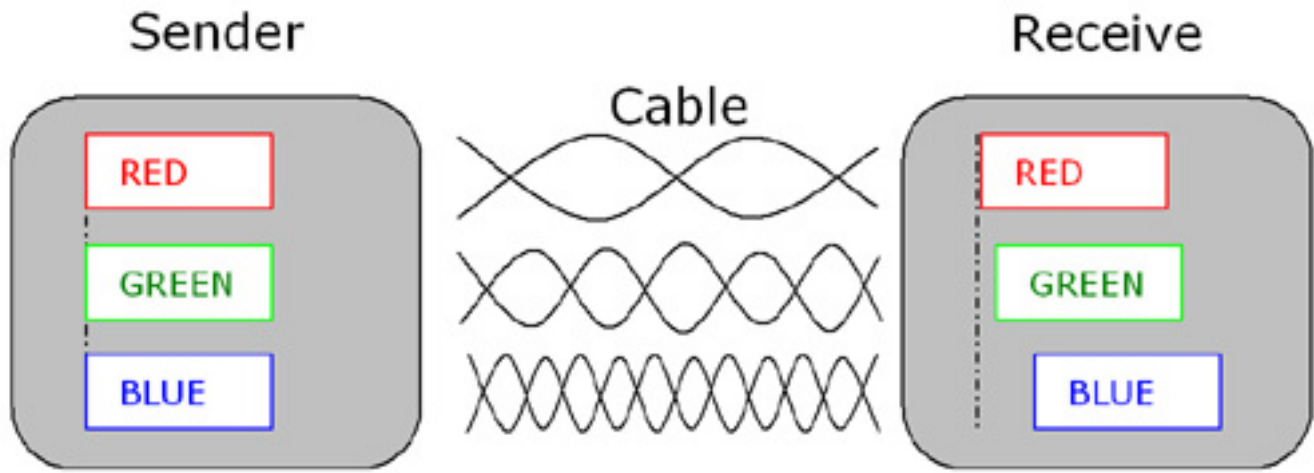
## Installation View:



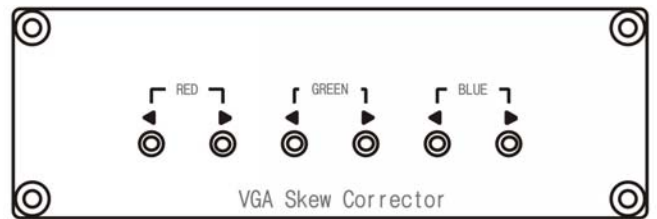
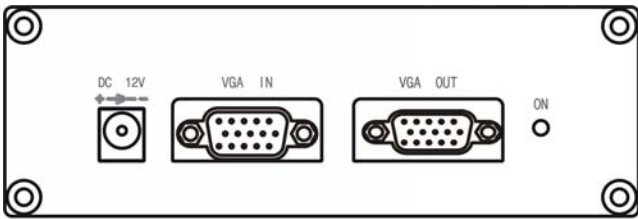
Due to the inside of CAT5 cable that the pairs of wires are twisted at different rates, AND the different quality on cable itself and installation that will cause different signal arrival time at each pair. If there are big different at arrival time, that will cause RGB skew status.. This is seen on the monitor as separation, or lack of convergence in colors. Normally it happens on long CAT5/5E/6 cable runs.

## (Skew Diagram)





**Panel View:**



**Specification:**

<b>ITEM NO.</b>	<b>VS01</b>
Support Resolution	Up to 1600 x 1200 @ 85 Hz
Total delay	62ns
Step delay increments	2ns
Input Signals	RGB Analog (75Ω, 0.7Vp-p) Sync Signal H/V Separated (TTL)
Horizontal Frequency Range	30-95KHz
Vertical Frequency Range	50-180Hz
VGA Connector	15-pin Mini D-Sub (High Density)
Power Supply	DC12V/500mA (External)
Power Consumption	DC12V/120mA
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%
Dimensions W x H x D mm	133X71X44