



# CAT 5 VGA Extenders

## 1T-RGB-DELAY

**1T-RGB-DELAY** provides skew correction for the Red, Green and Blue VGA signals transmitted over CAT 5 cables. Transmissions over a CAT 5 cable path of more than 250 feet can exhibit displacement of portions of the video signal. This skewing can occur at different rates resulting in RGB images that are not overlaid properly.

With the 1T-RGB-DELAY, individual RGB signals can be accessed and, once an adjustment has been made, further adjustments can be locked out to preclude tampering or inadvertent changes. Operationally, the 1T-RGB-DELAY is placed between the host device and the CAT 5 transmitter. Individual RGB signals are delayed as required to bring the total image back into registration at the remote viewing location.



### Key Features of the 1T-RGB-DELAY

- Simple Installation and operation
- Resolutions to 1280x1024, 60Hz
- 62ns of total delay range, 2 ns steps
- Memorize and lock function
- Delay adjustments for individual RGB channels

### Specifications

<b>Video Inputs</b>	1xHD-15 Female
<b>Video Outputs</b>	1xHD-15 Female
<b>Resolution</b>	Up to 1280x1024
<b>Signal Adjustments</b>	
RGB Individual Channel	Up to 62ns delay per channel
Delay Step Size	2ns
Adjustment Method	Up/Dn Push Buttons (Ea. Chan.)
Adjust Lock Method	Dedicated Push Button
<b>Cable Requirements</b>	
CAT 5/5E or CAT 6	Network Grade, Premium Cables
<b>Enclosure Type</b>	
Metal	Extruded w/ scuff resistant feet
<b>Mechanical</b>	
Size (H-W-D)	1.16"x5.1"x3.3" (29.5x130x83.5mm)
Weight (Net)	0.5lbs (225g)

<b>Warranty</b>	Limited Warranty	2 Years Parts and Labor
<b>Environmental</b>		
Operating Temperature		0° to +48° C (+32° to +120° F)
Operating Humidity		10% to 85%, Non-condensing
Storage Temperature		-10° to +70° C (+14° to +158° F)
Storage Humidity		10% to 85%, Non-condensing
<b>Power Requirement</b>		
External Power Supply		+12 VDC@1A, Locking DC
<b>Regulatory Approvals</b>		
Encoder/Decoder Unit		FCC, CE
Power Supply		UL, CE, CSA
<b>Accessories Included</b>		
1x Power Adapter		(Per device), US, UK or Euro Type
1x VGA Cable		4 Ft (1.2m) HD-15 to HD-15
1x User Manual		CAT 5 VGA Extender Series
<b>Product Item Number</b>		1T-RGB-DELAY

### Panel Drawings

