

# VLB-1



## VIDEO LINE BLANKER

The VLB-1 Video Line Blanker is a unit that selectively strips off active video on both the odd and even fields of any line. The VLB-1 will work with NTSC , PAL, and CCTV video sources. The unit can be used anywhere a video signal has need for line stripping. Use it to strip off unwanted signals or proprietary information. It can be used to remove data or just clean up a line prior to inserting new information. It can be used to clear a visible picture line for insertion of test signals prior to SD digital encoding to test for digital distortions or artifacts after decoding.

This product has a power fail by-pass, so in the event of a power loss to the unit, your video signal will not be lost. Digital line selection provides accurate reliable operation, and the field programmable Dip Switch is easy to use. A video input LED monitors the incoming video and displays the input video status. The video input and output uses two standard BNC (female) connectors and the power input has a screw terminal connector.

## **FEATURE**

### **INPUT**

Level  
Impedance  
Video Standard  
Connectors

## **SPECIFICATIONS:**

0 to 4.0 Volts (1 Volt Typ.)  
75 Ohm (Unbalanced)  
CCTV, NTSC, Pal, B/W or Color  
BNC (Female) 75 Ohm

### **OUTPUT**

Level  
Impedance  
Video Coupling  
Signal-to-noise ratio  
Frequency Response  
Differential gain  
Differential phase

Unity Gain (same as input)  
75 Ohm (Unbalanced)  
DC (Direct Current)  
 $\leq 80\text{db}$  (NTSC Weighing)  
DC - 25 MHz  $\pm 0.2$  dB  
 $\geq 0.2\%$   
 $\geq 0.2$  Deg

### **CONTROL**

Line Selection

8 Position Dip Switch

### **POWER REQUIRMENT**

Power Requirement

24VAC @ 100mA

### **MECHANICAL**

Size  
Display Indicator  
Mounting

5.50"L x 4.3"W x 3.0"D  
Green "Video On" L.E.D.  
Two hole mounting Plate