

Colorado Video

"Unique Video Instrumentation"

video box generator

610G and 610GR

Description

The Models 610G and 610GR Video Box Generators superimpose a box outline, of adjustable size and position, onto a real-time video signal. The outline can be continuously varied from black to white and turned on or off. For control of the box's size and position, the Model 610G provides front panel H-size, H-position, V-size, and V-position controls while the Model 610GR provides a DB-9 port with corresponding input pins. Size controls effect the box symmetrically.

The loop-through input with two connectors allows connection of both a video source and a destination to the input. For instance, a camera can be connected to one of the Model 619's input connectors and a monitor to the other. In this way, the video image can be observed directly as it comes from the camera (without the box) via the loop-through input, while the image with the superimposed box outline is present at the Model 610G's output.

Power input requirement is 6-12 VAC at about 150 mA. An AC adapter is included. The adapter is UL listed for safety and isolates the model 610G from ground in order to avoid interference inducing ground-loops.

These Video Box Generators are useful for alignment, highlighting, and quality control applications. The box outline, superimposed in a video image, can serve as a useful reference for checking both the position and size of objects within a video camera's field of view.

Specifications

Video Input & Output:	NTSC or RS-170, 1 Vp-p, 75 W
Controls:	Display: sets box outline on or off, 2-position switch Matt: Adjusts display intensity black through gray to white
610G only:	H-Position: moves outline left-right V-Position: moves outline up-down H-Size: symmetrically adjusts outline's horizontal dimension V-Size: symmetrically adjusts outline's vertical dimension
Power Req:	9 VAC, <200 mA, 120 VAC Adapter (UL and CSA Listed) included
Op. Temp:	Dew point to 100°F
Indicators:	Power LED
Dimensions:	6.9"W x 4.9"D x 2.4"H sloping to 1.4"H excluding connectors
Connectors:	Video Input and Output: BNC Power: 0.125" mini-phone jack 610GR only: Size & position inputs, DB-9



The model 610G superimposes a box outline onto real-time video.

The model 610GR video box generator allows external control of box size and position.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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