

Colorado Video

"Unique Video Instrumentation"

video pointer 610ES

Description

The Model 610ES Video Pointer superimposes a box outline, of adjustable size and position, and a separately positionable cross hair, onto a real-time video signal. This pattern can be continuously varied from black through white and turned on or off. For control of the box's size and position, the Model 610ES provides front panel H-size, H-position, V-size, and V-position controls. Size controls effect the box symmetrically. Control of the cross hair position is also by separate, front panel H and V position controls.

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 610ES'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 pattern) via the loop-through input, while the image with the superimposed pattern is present at the Model 610ES's output. The second connector must be terminated when not used.

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 610ES from ground in order to avoid interference inducing ground-loops.

These Video Box Pointers are useful for alignment, highlighting, and quality control applications. The pattern, 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 pattern on or off, 2-position switch Matt: Adjusts pattern's displayed intensity black through gray to white H-Position: moves box outline left-right V-Position: moves box outline up-down H-Size: symmetrically adjusts outline's horizontal dimension V-Size: symmetrically adjusts outline's vertical dimension H-CH-Position: moves cross hair vertical line left-right V-CH-Position: moves cross hair horizontal line up-down
Power Req:	9 ¹ / ₂ 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

The model 610ES superimposes a box outline and cross hair onto real-time video.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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