

Colorado Video

"Unique Video Instrumentation"

video caliper 308

Description

The Model 308 Video Caliper provides the means to take horizontal and vertical measurements of objects in a real-time video image.

The unit superimposes two vertical and two horizontal cursors onto the video display. The user can adjust the position of these cursors using front panel controls. There is a set of two controls for each direction, horizontal and vertical. The right-most control sets the distance between the cursors by moving one cursor only. The left control moves both cursors across or up and down the screen while maintaining the distance between them. This arrangement allows dimensional comparison of objects across the image without disturbing the distance between the cursors. A switch selects which dimension is shown on the 4½ digit display.

Two scale adjustment controls, one each for horizontal and vertical, calibrate the meter reading for a given distance between the cursors. Calibrations must be made any time the optics or distance between the image sensor and the object under scrutiny change. These controls require a small screw driver for adjustment in order to avoid inadvertent disturbance of the calibration.

The cursors can be set to white, black, or off.

Power input requirement is 9 VAC at about 150 mA. An AC adapter is included. The adapter is UL listed for safety and isolates the model 308 from ground in order to avoid interference inducing ground-loops.

Specifications

Video Input & Output:	NTSC or RS-170, 1 Vp-p, 75 W
Controls:	Display: sets cursors to black, white, or off, 3-position switch Position (2): moves both cursors left-right, or up-down, single-turn Distance (2): moves right and lower cursors only and changes meter indication, single-turn Calibration (2): changes meter indication, screw driver accessible, multi-turn Read: selects display of horizontal or vertical dimension Decimal: sets position of meter display decimal point
Power Req:	9 VACC, <200 mA, 120 VAC Adapter (UL and CSA Listed) included
Op. Temp:	Dew point to 100°F
Indicators:	4½ digit LCD meter
Dimensions:	6.9"W x 4.9"D x 2.4"H sloping to 1.4"H
Connectors:	Video Input and Output: BNC Power: 2.1mm coaxial power jack
Options:	Multi-turn Position and Distance controls (Order Model 308A)

The Model 308 lets you measure distances in real-time video images.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

7/97