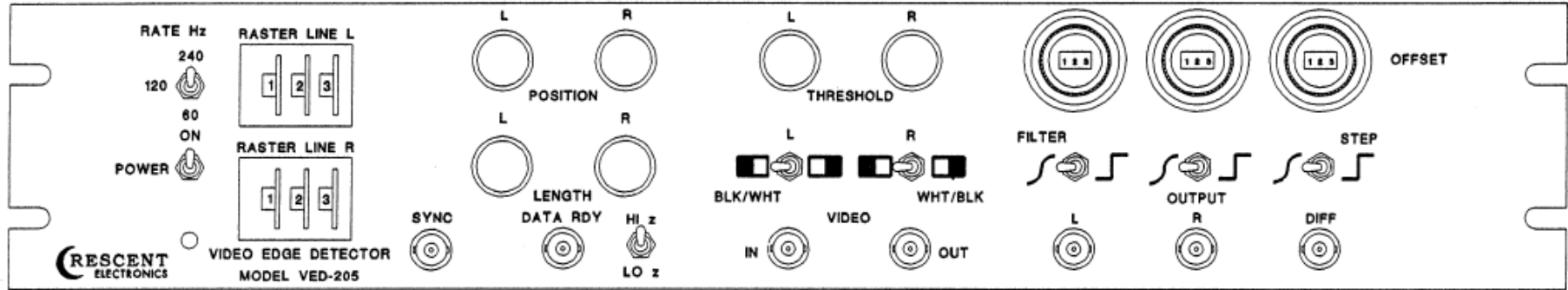


VIDEO EDGE MOTION DETECTOR

Model No. VED 205



SPECIFICATIONS

VIDEO

Amplitude: 1.0 volt pk-pk
 Input impedance: 75 ohms or 2000 ohms
 Bandwidth: 2 MHz
 Output impedance: 1.0 volt pk-pk into 75 ohms
 Video: EIA, NTSC, PAL and CCIR compatible

DETECTION

Raster Lines: thumbwheel selectable
 Temporal resolution: 16.7 (NTSC), 20 (CCIR), 8.3* (NTSC) and 4.2* (NTSC) msec
 Spatial resolution: 1 part in 10,000 or 1 mV (400x magnification = 0.015 microns)
 Trigger slope: black to white or white to black
 Trigger Threshold: adjustable from black to white
 Windows: position and width adjustable over full screen width

* Requires special camera

OUTPUTS

Available: left edge, right edge, difference of right edge minus left edge
 Amplitude: 0 - 10 volts (left to right)
 Linearity: < 0.1% plus camera error**
 Offset: 0 - 10 volts all outputs
 Type: 16.7 (20-CCIR) msec sample and hold or 60 Hz 4 pole low pass filter
 SYNC: TTL output 63 microsecond positive pulse (occurs at beginning of camera field)
 Data Ready: TTL output 2 msec positive pulse (occurs after new data is sampled)

OTHER

Power: 100 - 240 VAC, 50/60 Hz, 20 Watts
 Dimensions: 19" x 3.5" x 13" (48cm x 9 cm x 33cm)
 Weight: 8 lbs. (3.5 Kgs)

** Camera non linearity may exceed 5% dependent on camera's make and model. CCD type camera recommended.

美國健康醫療儀器國際公司



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Warranty: 36 months parts and labor at factory