


European and American Television Cameras

	Make	CEI
	Model	270
	Country	USA
	Camera Type : Studio Colour. Low light operation.	
	Camera Description : Medium to large size, fairly long body.	

<p>Data</p> <p>Tube details 3 x Westinghouse type WL-31683</p> <p>Lens details Zoom Standard RTH 10:1</p> <p>Sig. to Noise 44dB in 4.2 Mhz. no App. Corr.</p> <p>Sensitivity 5 ft. candles @ f4</p> <p>Resolution Limiting 600 lines green channel</p> <p>Viewfinder 7" removable unit.</p> <p>Camera cable BIW TV81</p> <p>Power supply 105-125volts 60Hz. 130 watts</p>	<p>Data</p> <p>Line standards 625/50 525/60</p> <p>Colour standards PAL/NTSC/SECAM</p> <p>Drives or locking Standard set of Pulses</p> <p>Weight * 95 Lbs.</p> <p>Colours Brown 7 Orange</p> <p>Dimensions * 13H x 12.5W x 32L Inches</p> <p>Date introduced Possibly 1971</p>
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*Excluding Lens

Associated equipment

Remote control panel and Power supply unit. The camera takes standard TV88 specification lenses, fixed or zoom.

Features

The CEI 270 used 3 of the the Westinghouse WL-31683 SEC (Secondary Electron Conduction) tubes. These are said to give 100 times more sensitivity than a conventional lead oxide tube with a similar spectral response. They are a two stage tube with an image section at the front.

General description

A complex camera with the relay lens and iris unit followed by a mirror light splitter system. There is a rod, gear and chain mechanism for control of the lens and filter wheel. Most of the electronics are in the top of the camera under a liftable access panel.

References

Product catalogue.
Commercial Electronics Incorporated

Photo Reference

Innovations

Use of image intensifier tubes.

Used By

