

## European and American Television Cameras

	<b>Make</b>	<b>Pye (TVT)</b>
	<b>Model</b>	<b>Mk7 842116 LDM53</b>
	<b>Country</b>	<b>UK</b>
	<b>Camera Type :</b> <b>Studio monochrome</b>	
	<b>Camera Description :</b> <b>Image Orthicon, transistorised full specification camera</b>	

Data		Data	
Tube details	4.5 inch Image Orthicon tube.	Line standards	405/50 625/50 525/60
Lens details	Zoom, pulley wheel mount.	Colour standards	Monochrome
Sig. to Noise	50dB in 5Mhz B/width, beam cut.	Drives or locking	M sync and M blanking
Sensitivity	Depends on tube	Weight *	60.9Kg.
Resolution	Depends on tube	Colours	Black and Silver
Viewfinder	7 inch, tilts	Dimensions *	440H x 362W x 680L mm.
Camera cable	BICC Mk4 to 1000ft.	Date designed	1964?
Power supply	100-125 & 200-250V, 450VA 47-65Hz	Dates used	

\*Excluding Lens

### Associated equipment

Camera cable 1000ft. extension box AG27894. Joystick remote panel AG4679/00. An adapter to use TV88 lenses, Range of items in the "system 70", A full range of studio equipment.

### Features

5 position filter wheel, Thermostatic control of the I.O. temperature. To change line standards from 405 to 525/625 a different plug in Line Scan unit was needed. The I.O. tube was changed from the rear of the camera and the front folded down to access the filters and tube face plate.

### General description

Full featured studio camera, prominent carrying handles along sides, tilting viewfinder, and plug in electronics. Control panel used Joystick. Stable design, Final development of the Image Orthicon camera by PYE. Tube voltages generated by an inverter and supplied to a transformer in the control panel. Auto test signal.

### References

### History

### Notes

### Used By

YTV and ATV in the UK. Not many sold in the UK due to the advent of colour.



Pye Mk7 portable CCU and Control panel