

European and American Television Cameras

	Make	Marconi Instruments
	Model	OA 1706
	Country	UK
	Camera Type : Quality low light for industrial, medical and research use.	
	Camera Description :	

Data		Data	
Tube details	Image Isocon 4.5" type EEV P850	Line standards	625/50 525/60 875/50 1075/50
Lens details	Single lens according to application	Colour standards	Monochrome
Sig. to Noise	42dB at 10 ⁻⁵ foot-candles	Drives or locking	Genlock
Sensitivity	very high	Weight *	
Resolution	Over 700 lines	Colours	Two tone light blue
Viewfinder	None	Dimensions *	H x W x L mm.
Camera cable	Mk4 BICC slow thread	Date introduced	1964, Drawings dated
Power supply	100-125 or 200-250v		

*Excluding Lens

Associated equipment

Associated CCU/PSU cabinet.

Features

The use of the EEV P850 Image Isocon tube gave a camera that could operate at exceptionally low light levels and it found applications in research and astronomy.

General description

References

Royal Television Society journal vol.11 no.11 1967

Photo Reference

Innovations

History

The museum has two cameras and one CCU in the collection. One is believed to have come from Southampton University. It is not thought that many were manufactured.

Notes

Low Light camera of special design. No viewfinder. Not a broadcast camera but included for completeness. High quality construction.