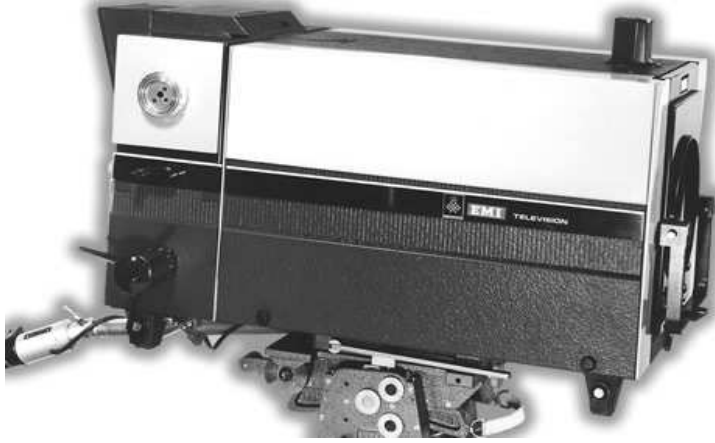


European and American Television Cameras

	Make	EMI
	Model	2001
	Country	UK
	Camera Type :	Studio Colour
	Camera Description :	Large full featured 4 tube colour camera with lens set back in to camera

Data

Tube details	4 Plumbicons, 30mm
Lens details	Angenieux Zoom Special Internal
Sig. to Noise	<42dB
Sensitivity	150fc f4
Resolution	100% at 5Mhz.
Viewfinder	7" tilts and elevates
Camera cable	BICC G101 to 2000ft. maximum
Power supply	500VA

Data

Line standards	625/50 525/60
Colour standards	Uses external colour coder
Drives or locking	4 mono pulses for camera.
Weight *	160lbs
Colours	Dark Grey/Cream
Dimensions *	381H x 381W x 736L mm.
Date introduced	1967,

*Excluding Lens & Viewfinder

Associated equipment

CCU 2104, PSU 2201, OCP 2105, Colour balance panel 2102, Coder, Vertical aperture corrector 2113. The Auto centring unit was offered later.

A choice of 6 lens zoom packages were offered by Angenieux and Rank Taylor Hobson with different focal lengths. Numbers 2011 to 2017. Additionally range extenders could be used on some of the lens packages.

General description

The interchangeable lens was set back in to camera body giving a short camera length with the lens front being close to the centre of panning. It had a tilting adjustable viewfinder, a built in shot box and focus control, the lens was fully servoed and it was much liked by Cameramen.

References

The EMI Four Tube Colour Camera by I P James & others, The Radio and Electronics Engineer Volume 39 No.5 pages 249 to 270. May 1970

Innovations

The four Plumbicons tubes were arranged in a X cross behind the lens in the middle of the camera. The later 2001/1, used separate mesh tubes with a FET head amplifier and had printed circuit precision tube yokes.

Notes

The first development of what became the EMI 2001 started in 1964

Used By

BBC, ITV companies, World exports, and that 350 were eventually sold.



The 2001 CCU