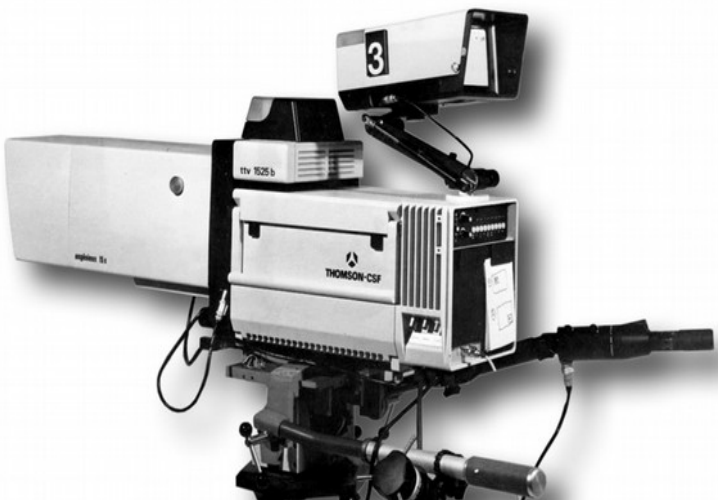


European and American Television Cameras

	Make	Thomsom
	Model	TTV 1525B
	Country	France
	Camera Type : Studio and Outside Broadcast colour camera.	
Camera Description : Robust camera with fold out carrying handles on each side, prominent viewfinder on elevating arm.		

Data	Data
Tube details 1 x XQ2070, 2 x XQ2427 Plumbicons	Line standards 625/50 525/60
Lens details Studio Zoom	Colour standards PAL/NTSC/SECAM
Sig. to Noise 49dB rms.	Drives or locking Genlock
Sensitivity 800 lux at f2.8	Weight 30Kg. + (4.5Kg. viewfinder)
Resolution 50% at 5Mhz. uncorrected, typical.	Colours Cream and Black
Viewfinder 17cm. Tilts and elevates.	Dimensions * 445H x 270W x 537L mm.
Camera cable Triax to 1500m. or multicore	Date designed Before 1982 ??
Power supply 220/240 50Hz. 250W max 117V option	Dates used

*Excluding Lens & Viewfinder

Associated equipment

Base Station CV1525, remote control panel PTN1525, incremental remote control panel PTI1525, operational control panel PRN1525, incremental operational control panel PRI1525, 17cm viewfinder VE1525. There are a large number of options and module choices for this camera channel.

Features

This camera uses a 25mm tube for the pseudo luminance channel (green?) and two 18mm tubes for the red and blue channels. They are diode gun tubes used with an automatic beam current circuit. The triax cable carried the RGB outputs from the camera with AM modulation and the viewfinder return and prompter circuits were FM modulated. The highest carrier frequency was 70Mhz for the prompter circuit. The base station and the control panels used PCM multiplex data. There are the usual automatic lineup and diagnostic systems. There is a reflective diascope position on the filter wheel.

General description

The CCU is 5U high and has a large number of test points and minor controls on it's plug in modules.

References

Product catalogue.

Notes

The multi-role TTV1525 is the first in this series of cameras, the TTV1525A is a development of the TTV1525 and the TTV1525B is a normal studio camera head using the same CCU and control systems and probably a lot of the components of the TTV 1525A camera.