


European and American Television Cameras

	Make	Thomsom
	Model	TTV 1525A
	Country	France
	Camera Type : Multi-role portable Studio and Outside Broadcast colour.	
	Camera Description : Robust camera with a long body and the finned psu at the rear. Wide selection of control panels!	

Data	Data	
Tube details	1 x XQ2070, 2 x XQ2427 Plumbicons	
Lens details	Zoom, standard or lightweight.	
Sig. to Noise	49dB rms.	
Sensitivity	800 lux at f2.8	
Resolution	50% at 5Mhz. uncorrected, typical.	
Viewfinder	4, 11 or 17cm. sizes (2)	
Camera cable	Triax to 1500m. or multicore	
Power supply	220/240 50Hz. 250W max 117V option	
	Line standards	625/50 525/60
	Colour standards	PAL/NTSC/SECAM
	Drives or locking	Genlock
	Weight	8.7Kg.
	Colours	Cream and Black
	Dimensions *	345H x 150W x 480L mm.
	Date designed	1982 ??

*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, (2) 17cm viewfinder VE1525, 11cm viewfinder VE 1601/2, 4cm viewfinder VL1525. There are a large number of base, braces and arms to facilitate the multi-role options.

Versions suffixes This camera is a development of the TTV-1525 camera with even more options.

N = Normal, full size lens on tripod, 17Cm viewfinder.

NL = Normal with ENG lens on tripod, 17Cm viewfinder.

L = Lightweight with ENG lens on tripod and mounting shoe + 11cm viewfinder.

Portable with ENG lens and shoulder and chest brace + 4cm viewfinder.

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 systems. A reflective diascope position on the filter wheel.

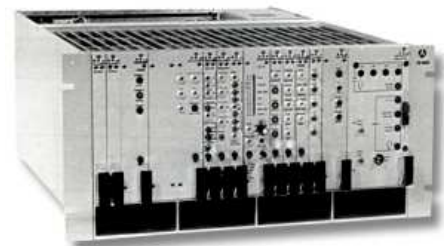
General description

This camera is narrow and long and when it is on it's camera base, SC1525, it is tall as well. The multi role idea is a continuation of the ideas used by the TTV-1516 camera. The camera cable connector was to the middle of the camera facing forwards so the cable came over the cameraman's right arm. 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



CCU/Base station CV1525