


European and American Television Cameras

	Make	Thomsom
	Model	TTV 1525C
	Country	France
	Camera Type : Studio and Outside Broadcast colour camera.	
	Camera Description : Robust camera with fold out carrying handles on each side, prominent elevating viewfinder on pillar. Finned rear section. Cue lights on top penthouse box.	

Data		Data	
Tube details	3 x 25mm Plumbicons XQ3070	Line standards	625/50 525/60
Lens details	Studio Zoom (1)	Colour standards	PAL/NTSC/SECAM
Sig. to Noise	53.5dB rms.	Drives or locking	Genlock
Sensitivity	1400 lux at f4	Weight	35Kg. + (4.5Kg. viewfinder)
Resolution	50% at 5Mhz. uncorrected, typical.	Colours	Cream and Black
Viewfinder	17cm. Tilts and elevates.	Dimensions *	445H x 270W x 592L mm.
Camera cable	Triax to 1500m. or multicore or fiber	Date designed	Before 1984 ?? Advert
Power supply	220/240 50Hz. 280W max 117V option		

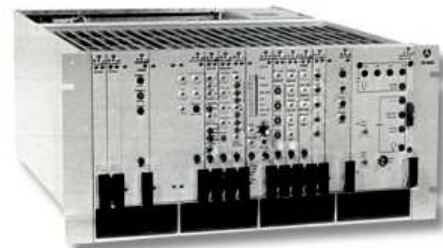
*Excluding Lens & Viewfinder

Associated equipment

Base Station CV1525C, remote control panel PTN1525, incremental remote control panel TIM1525, operational control panel PRN1525, incremental operational control panel PIM1525, 17cm viewfinder VE1525. Colour viewfinder option. There are a large number of options and module choices for this camera channel. A heating cover enables the camera to operate down to -30°C.

Features

This camera uses 25mm tubes for all channels, XQ3070/02 for green and blue, XQ3975/02 for the red channel. 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 is a microprocessor control system with a 182-zone automatic set up as well as the usual automatic lineup and diagnostic systems. Two filter wheels one local and one with remote control.



CV1525C base station/CCU

General description

The CCU is 5U high and has a large number of test points and minor controls on its 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. The TTV 1525C is further developed and has many features of the later TT1530 camera.

1) The diascope used in the auto setup routines is part of the lens assembly.

Used By