

European and American Television Cameras

 <p style="text-align: center;">TTV-1600 Microcam Early model</p>	Make	Thomson CSF
	Model	TTV-1600 Microcam Mk1
	Country	France
	Camera Type : Portable/eng colour camera with hip pack.	
	Camera Description : Small triangular shape camera mounts to front of shoulder, tubes in vertical fan, small hip pack with shoulder strap.	

Data		Data	
Tube details	3 x Plumbicons 18mm.	Line standards	525/60
Lens details	Interchangeable Zoom lenses.	Colour standards	NTSC + RGB
Sig. to Noise		Drives or locking	Genlock
Sensitivity		Weight	3.63kg. Hip Pack 1.36Kg.
Resolution		Colours	White
Viewfinder	3.8cm 150ft. lamberts with 6.9Kv EHT	Dimensions *	25.5H x 6.35W x 17.27L mm.
Camera cable	500/800ft to Aux/CCU	Date	1976 March
Power supply	Battery input, 10.4 to 20 volts, 22w.		

*Excluding Lens & Viewfinder

Associated equipment

Auxiliary pack enables use with CSF TTV-1515 CCU.

Features

Auto iris, black & white balance, colour balance with digital memory, 2 line aperture corrector, 3 position filter wheel, light bias, very low power consumption with quick start up and auto shut down at end of battery life. Option of a 4" viewfinder. Range of zoom lenses available. VTR interface connector.

General description

It is a small triangular shaped camera that mounts to front of shoulder with the tubes in vertical fan. The head contains only the minimum of electronics. It has a small hip Pack containing the rest of the electronics, with belt or shoulder strap. The camera is nicely made with lightweight diecastings and quality electronic construction

References

Product Brochure. SMPTE Journal Volume 85 No. 9 Page 724 to 728. "Microcam I, A new concept in the design of portable colour cameras for broadcast application".

Innovations

Small camera and compact hip pack. Low power consumption enables operation for 40 hours from lithium battery belt. A triax option was mentioned, no details available.

Notes

The product catalogue says "The Microcam was born on the other side of the Atlantic... It was produced as a result of the collaboration between CBS television networks and Thomson-CSF and it will be produced at the Thomson-CSF laboratories in Stamford, Conn., USA.
Price est. > \$30,000

Developements

The slightly later full production version and the TTV-1602 Microcam Mk2.