


European and American Television Cameras

	Make	Ampex
	Model	BCC-20
	Country	USA
	Camera Type :	ENG-EFP multi-role portable colour camera
	Camera Description :	Large shoulder mount camera with striking colour flash. Unusual viewfinder on extending mounting arm.

Data		Data	
Tube details	3 x Plumbicons 18mm. Diode gun.	Line standards	625/50 525/60
Lens details	Zoom f1.4 prism	Colour standards	PAL/NTSC/SECAM
Sig. to Noise	51dB f4 2000Lux in PAL	Drives or locking	Genlock
Sensitivity	Usable at 60 Lux.	Weight *	8.2Kg.
Resolution	50% mod. at 400L no aperture corr.	Colours	White with rainbow stripe
Viewfinder	3" on adjustable arm	Dimensions *	310H x 128W x 404L mm.
Camera cable	Multicore or fibreoptic option to 2Km	Date introduced	1980
Power supply	12 volt 36-40W.		

*Excluding Lens

Associated equipment

BCC-21 studio camera housing for the BCC-20. There was a ASU (automatic setup unit) and an MSU (master setup panel). It was also offered as the "Perfect companion for the VPR20"

Features

Microcontroller operation & Auto setups. Lens has diascope built in with light bias and dual filter wheels. Interchangeable rear modules. SEC, is the Spatial Error Correction system for the BCC 20 and the BCC 21, it has 182 picture correction areas and it attains a registration accuracy of 0.05% in all three zones. This version is known as the "Digicam". The BCC-20 was offered with Plumbicons, Leddicons or Saticons.

General description

References

Product catalogue, Page 45 of "Television Production" by Alan Wurtzel McGraw Hill. Also page 20 "Video" magazine June 1980.

Innovations

Notes

The camera was shown at NAB 1980 along with the TK 780.