


European and American Television Cameras

	Make	RCA
	Model	TK76
	Country	USA
	Camera Type :	
	ENG portable colour	
Camera Description :		
Large ENG/EFP self contained colour camera prominent side mounted viewfinder. Solid die cast chassis and side panels.		

Data

Tube details 3 x Plumbicons 18mm. XQ1427 (1)
Lens details Zoom, Arriflex mount?
Sig. to Noise 49dB?? quoted (52dB PAL)
Sensitivity 450 Lux @ f1.6
Resolution 500 lines center
Viewfinder 38mm. monocular
Camera cable BIW TV12 or TV7 to VTR
Power supply 12v @ 4A.

Data

Line standards 625/50 525/60
Colour standards PAL/NTSC/SECAM
Drives or locking Genlock
Weight * 9Kg.
Colours Blue & Cream
Dimensions * 280H x 115W x 420L mm.
Date announced 1975 NAB
Dates used

*Excluding Lens & Viewfinder

Associated equipment

The TK76 camera could be installed in the body of the TK760 to make a studio camera and the later TK76C was the camera for the TK780.

Features

General description

References

FA Davenport & JJ Clarke (RCA) states that "well over 3000 TK76 have been delivered" in a report in Professional Video, February 1984.

Photo Reference

Innovations

TK76A

TK76B

TK76C version shown at "Montreux" exhibition 1979. The C version features, reduced weight <14lbs., comet tail suppression, reduced width blanking, expanded remote control capability and a triax option.

History

Notes

(1) Possibly RCA type BC 4917

Used By

Radiotelevisione Italiana "RAI has added 36 more TK 76 cameras to the 14 they already have making a total of 50!" RCA Broadcast News April 1979.