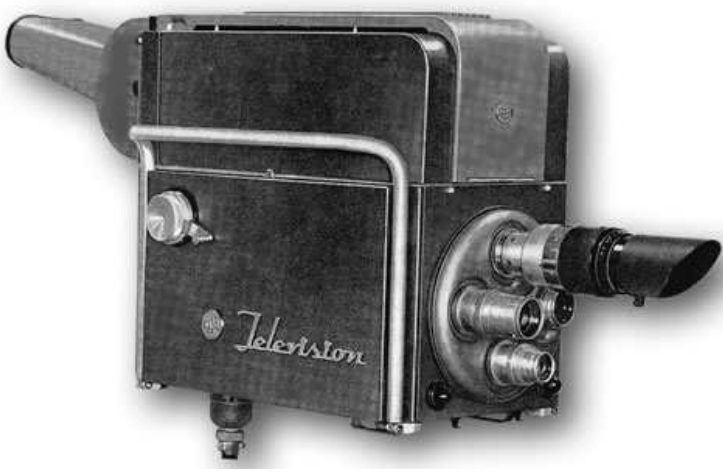


European and American Television Cameras

	Make	RCA
	Model	TK11-31(A)
	Country	USA
	Camera Type : Monochrome, studio or Field	
Camera Description : Square, tall camera with prominent carrying handles. Big removable viewfinder on top.		

Data

Tube details 3" Image Orthicon tube RCA 5820
Lens details 4 on turret, 1.25 - 25" focal length
Sig. to Noise
Sensitivity 25 to 75 F.C. for best results
Resolution Flat to 8Mhz (video amplifier)
Viewfinder 7" fixed. Tube is a RCA 7TP4
Camera cable Cannon connector with 24 cores.
Power supply 98-129v 50/60c/s 1.35Kw (field)

Data

Line standards 525/60
Colour standards Monochrome
Drives or locking Sync, Blanking, H, V, drives
Weight * 109Lbs.
Colours Umber Grey plus chrome
Dimensions * 23H x 16W x 27L inches
Date introduced 1952

*Excluding Lens

Associated equipment

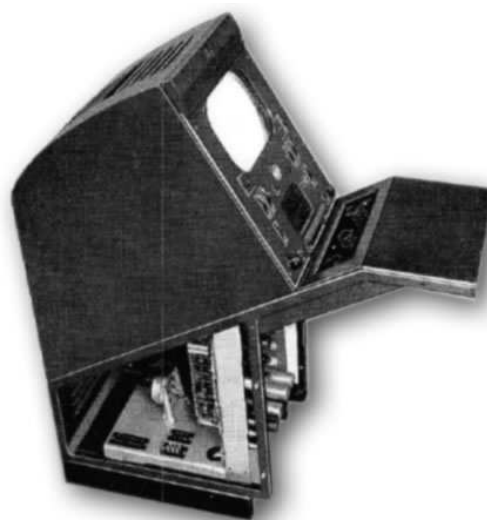
Camera MI-26011-A2
Viewfinder MI-26016-A
Studio CCU MI-26056-A
Field CCU MI-26066
Field PSU MI-26091
Master Monitor TM-6A MI-26136-A

Features

Improved deflection yoke with better shielding against magnetic fields. Target heater and blower, Black stretch (Gamma). Lenses could be fitted with a DC motor to drive the Iris. The camera cable could be extended to 1000ft.

General description

A very accessible camera sides fold out and allow the quick change of electronic units/chassis. The TK11 (studio) and TK31 (field) camera heads are essentially the same but the Studio control equipment is in consoles and the field control equipment is in portable "suitcase" housing.



Studio CCU console with master monitor

References

RCA television equipment book, RCA Broadcast News, March 1952.

Photo Reference

Innovations

Notes