


European and American Television Cameras

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|  | Make | Pye |
| | Model | 2018/21 |
| | Country | UK |
| | Camera Type : CCTV vidicon | |
| | Camera Description : The Camera and Picture Monitor are dispatched with the valves and camera pick-up tube in position. All internal pre-set controls are correctly adjusted so that the equipment is ready for operation. Two signal sources are provided on the Camera-"Video" for feeding the Picture Monitor and "R.F." to enable a standard domestic television receiver to be used in place of the Picture Monitor. | |

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| Data | Data |
| Tube details 1 x Staticon (1) type C931 | Line standards 625/50 525/60 |
| Lens details "C" mount lenses on 3 way turret | Colour standards monochrome |
| Sig. to Noise | Drives or locking free run |
| Sensitivity | Weight * 15Kg. |
| Resolution | Colours |
| Viewfinder none | Dimensions * 416H x 155W x 355L mm. |
| Camera cable none | Date introduced c. 1951-53 |
| Power supply 90-240V. A.C., 50-60 Cps. 150 Watts. | |

Associated equipment

Lenses available:

- 1" (2.54cm.) f1.9
- 2" (5.08cm.) f2.3
- 4" (10.16cm.) f3.5
- 6" (15.24cm.) f5.6

General description

Signal Outputs:

(1) Composite Video: 1.4V. p-p @ 75ohms. (2) Modulated R.F.: 0.1V. p-p @ 75ohms.

R.F. Output Frequencies:

Type 2021: 405 line, Tunable over B.B.C. channels, 41-68 Mc/s. (Positive Modulation).

Type 2018: 525/625 line, Tunable from 50-80 Mc/s. (Negative Modulation).

Spectral Response:

Staticon Tube Type C931A resembles orthochromatic film, with maximum response to green, blue and near ultra -violet.

Staticon Tube Type C931B has characteristics similar to panchromatic film.

References

Product operating booklet.

Notes

(1) Pye used tubes made by Cathodion, these were called Staticons and were similar to vidicons except for a side evacuation pip at the front of the tube near the target. There was a slot in the yoke to accommodate this "pip". Standard vidicon tubes could be used without modifications.