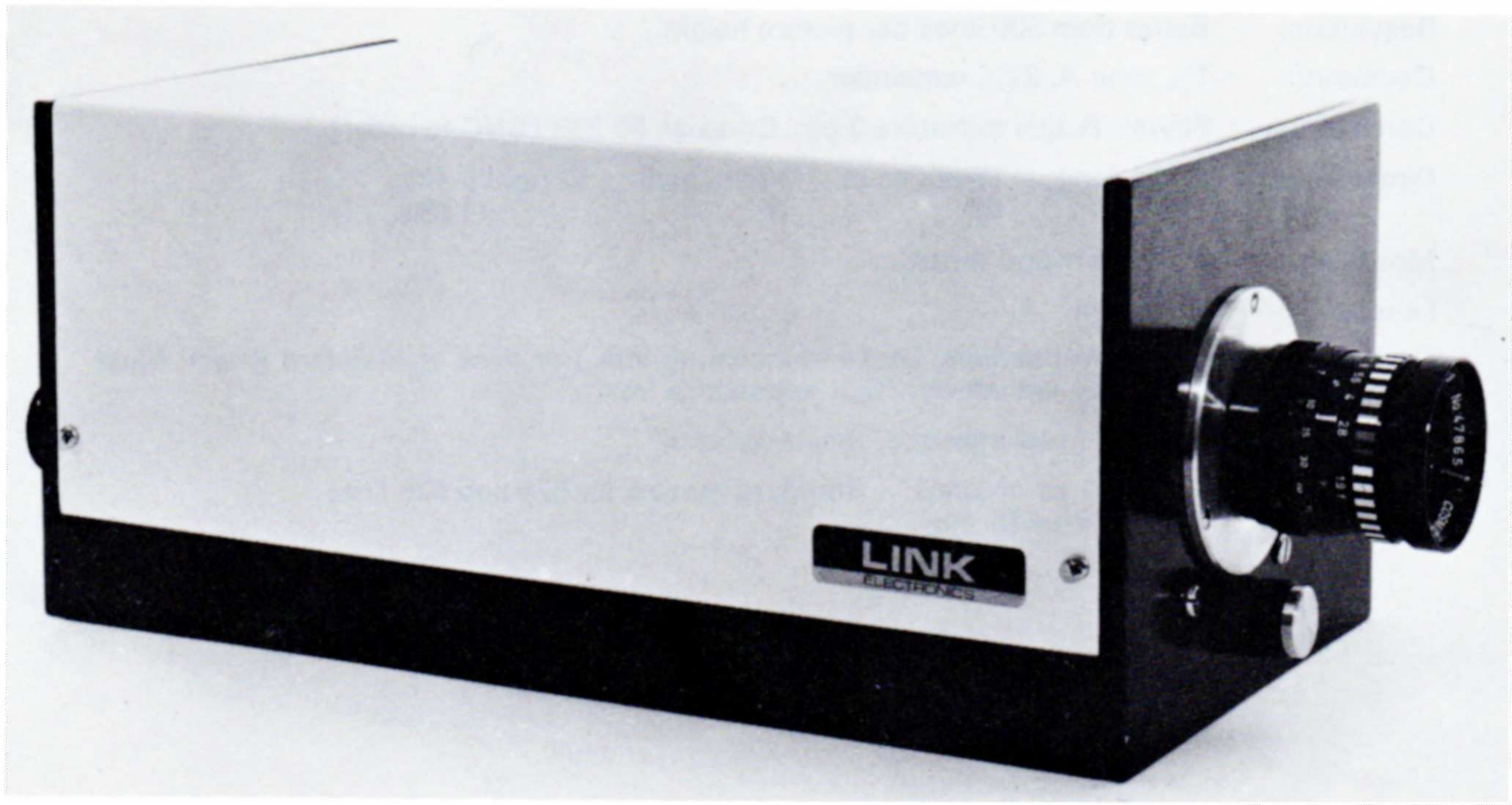
TELEVISION CAMERA Types 101 & 106



A completely solid state television camera for closed circuit and educational television using the separate mesh type of Vidicon pick-up tube. The camera is self-contained and has no operating controls apart from optical focus and on/off switch. Automatic sensitivity control maintains a sensibly constant output over a wide range of light levels. Two versions of the camera give either random interlace with external locking facility (101) or a built in 2 : 1 mains locked pulse generator (106).

- ★ Low noise F.E.T. head amplifier enables the vidicon to operate at a lower signal current than usual for longer tube life and greater sensitivity.
- ★ Fully regulated power supplies: No external controls for beam and focus.
- ★ Black level clamp with pre-set lift control.
- ★ High focus field and high voltage (600) on the vidicon give good shading characteristics and resolution maintained well into the corners.
- ★ Auto-sensitivity control over a wide range of light levels—typically 2000 : 1.
- ★ Carriage focus for extra close work and zoom lens infinity adjustment.
- ★ Cast alloy frame and no external controls—rugged and easy to use.

LINK ELECTRONICS

LINK ELECTRONICS LTD.
North Way, Andover, Hants.
SP10 5AJ. England.

Telephone: Andover (0264) 61345
Telex: 47132 LINK G
Cables: LINKELEC ANDOVERHANTS

E. & O. E. Link Electronics reserves the right to alter specifications without notice.

SPECIFICATION

Power:	230V ±10% 50Hz (115V ±10% 60Hz to order), 12 watts nom.
Output:	1 volt composite video, 75Ω.
Sensitivity:	Depends on vidicon. Typically gives useful picture at 2 ft. cdls. faceplate illumination.
Resolution:	Better than 500 lines per picture height.
Geometry:	1% zone A, 2½% remainder.
Connectors:	Power; Bulgin miniature 3 pin. Co-axial; 50 239 (BNC to order).
Dimensions:	27cm. long, 11″ 15cm. wide, 6″ 13cm. high. 5″ Weight 5.4kg. 12lbs.
Mounting:	⅜″ Whit. tripod thread.
Lenses:	'C' mount.

Type 101 camera random interlace. Locks to incoming video or sync at standard levels. Must be full C.C.I.R. type field waveform. High impedance input.

Type 106 camera. 2 : 1 fixed interlace, mains locked.

Line standards: Type 101 as ordered. Standard models for 525 and 625 lines.
Type 106—625 only.

www.tvcameramuseum.org