



WE VIDEOCRYPT

Video encryption and decryption system

The Video Crypt encoder and decoder units allow a protection of transmitted or cabled video images against unauthorized interception.

The Video Crypt devices can be supplied either as unique matched pairs or as custom groups, i.e. one encoder to two or more matched decoders.

An encrypted "cut and rotate" algorithm scrambles each line of every frame, allowing a decryption at the other end if the 128 bit encryption key is known.

Specifications:

Encryption method	Cut and rotate (128 Bit Encryption)
Number of encryption codes	3.4×10^{38}
Video input	PAL 1 V_{ss} at 75 Ohm
Video output	Pal 1 V_{ss}
Video bandwidth	4.8 MHz
Current consumption	max. 65 mA
Power supply	7.0 – 14.0 V
Range of operational temperatures	-10° to 70°C
Range of storage temperatures	-15° to 100°C
Input Connector	BNC
Output connector	BNC
Dimensions	61 x 41 x 6 mm (boxed: 115 x 84 x 34 mm)
Weight	35 g