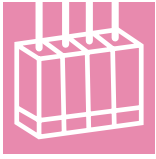




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Product Information

OV 76 E DVB-IP to PAL processor



WISI TOPLINE HEADEND Edge-PAL

- ⦿ Reception of a DVB-IP 10/100 BaseT signal and processing in a PAL / SECAM / NTSC-M TV channel
- ⦿ Demultiplexing and decoding of MPEG-2 signals (MPTS)
- ⦿ Insert of teletext datas
- ⦿ Spurious emissions > 60 dB
- ⦿ OV 50A controlling via OV 51A HEADEND controller or OV 52 Remote-Interface
- ⦿ Option: NICAM (OV 65) module and AV-Loop (OV 66) module

OV 76 E DVB-IP to PAL processor

Specification

Input

Input interface	10/100 BaseT (RJ 45)
Frame format	Ethernet II
Protocol	UDP/IP, ARP, ICMP (ping), IGMPv2
Ethernet transmission	Unicast, Multicast
Input stream type	MPTS
Data speed	10/100 Mbit/s (auto sensing)
Spectral inversion	C- / KU-Band
Video decoder	ISO 13818-2/ MPEG2 (MP@ML)
Video format	4:3 / 16:9 / 4:3 Zoom
Video standard	PAL / SECAM / NTSC-M
Video level	1 Vp-p / 75 ohm
Audio decoder	ISO 13818-3/ MPEG2 (L1/L2)
Audio format	Mono / Stereo / 2nd sc
Audio standard	PAL / SECAM / NTSC-M
Audio level	0.2 Veff@ 10 kOhm

Output

Frequency	250 kHz steps	45 – 862 MHz
Channel bandwidth		7/8 MHz
Output level	Loop	74 - 84 dB μ V
	Single	84 - 94 dB μ V
TV standards		B/G, D/K, I, L, M, N
Spurious emissions		> 60 dB
S/N video (CCIR-rec. 567-1)		typ 60 dB, min. >56 dB
S/N audio (with color test pattern)		typ 50 dB, min. 47 dB
Distorsion		1 %

General

Operating voltage	12 VDC 600 mA 5 VDC 530 mA
Power consumption	< 9 W
Humidity non condensing, max.	95%
Operating temperature	-20°C...+55°C
Storage temperature	-25°C...+75°C
EMC	CE, Class A

Accessory

NICAM module	OV 65
AV Loop module (decoder module)	OV 66



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