

# WISI OH 66

Twin A/V encoder



**ELPAS**



## Description

Powerful technology, compact dimensions, modular and flexibly expandable; the WISI COMPACT HEADEND System OH combines all the advantages of an innovative and affordable headend. WISI Compact Headend OH is easy to configure. With up to 14 module slots it offers channel processing for 14 analogue or 28 digital channels in a 3 HU 19" rack chassis. WISI Compact Headend OH operates on a high efficiency power supply, with low consumption modules in order to make a minimum ecological impact and a low operational cost. The USB connection and the RJ45 interface can be used to execute software updates for the basic unit as well as for the modules. Furthermore, all functions can be furnished from a distance per web browser.

## At a glance:

- Analogue video input
- Digital SDI input
- QAM- oder COFDM\*-Modulation
- PSI/SI generation

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## Technical data

### Video input

Input signal	Composite FBAS-signal und SDI
Impedance	75 Ω
RF input level	1 dBm
Frequency range	0,000020...5 MHz
Encoding-Standard	MPEG 2 ISO/IEC 13818-2, MP@ML (4:2:2)
Bit rate	1...12 Mbps (0,1 Mbit-steps)
Picture size	720/576 Pixel
Teletext	Extraction from video signal
aspect ratio	4:3, 16:9 (automatic detection)
PID	automatic/manuell
PSI/SI	Autom. Generation
NIT with LCN	Optional with CS77

### Audio input

Sampling frequency	kHz 32/44,1/48 kHz
Bit rate	192 Kbps (up to)
Audio format	Stereo, joint stereo, dual, mono

### Output

QAM-Modulationsart	Selectable
Modulation type	16-, 32-, 64-, 128-, 256-QAM
Output frequency steps	250 kHz
Output channel bandwidth	8 MHz
Output level	88...103 dBμV
MER	≥ 40 dB
Symbol rate	2...8 MS/s
Bit stuffing	Yes
COFDM-Mode	Selectable
Modulation	QPSK, 16-, 64-QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
FFT modus	2 k/8 k

### Connectors

3,5 mm jack socket	2 pcs.
BNC-socket	4 pcs.

### General data

Operating temperature range	-20...+55 °C
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## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	325 x 150 x 55 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.500 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.681 dm <sup>3</sup>
Gross weight shipping unit	0.5 kg
EAN	4010056722036
Article number	72203
Customs tariff number	8543709000