

# WISI OH 77

DVB-S/S2– analog-channel processing headends with CI (MPEG-4)



## 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:

- Reception of a DVB-S/S2-Signal and modulation to an analogue TV-channel
- MPEG 2 and MPEG 4 compatible
- 1x CI slot for central decryption
- NICAM Encoder
- Input frequency range 950...2150 MHz
- Output frequency range 45...862 MHz
- Vestigial sideband modulator

## Technical data

### Input

Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Input level range	47...70 dB $\mu$ V
AFC	$\pm$ 10 MHz
Modulation type	QPSK, 8PSK
Symbol rate	1...45 MS/s
FEC outer DVB-S	RS 204,16
FEC inner DVB-S	Conv. 1/2, 2/3, 3/4, 5/6, 7/8
FEC outer DVB-S2	BCH
FEC inner DVB-S2	LDPC 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

### Output

Output frequency range	45...862 MHz
Output frequency steps	250 kHz
Frequency stability	$\pm$ 30 MHz
Output channel bandwidth (couple)	7/8 MHz
Output level	90...105 dB $\mu$ V (1 dB-steps)
Amplitude response (O-E)	$\pm$ 1 dB
Spurious suppression	>58 dB
TV standards	B/G, D/K, I, L, M, N
Video Standard	PAL, SECAM, NTSC
Video formats	4:3/16:9/4:3 Zoom
Video decoder	MPEG 2 MP@ML, MPEG 4 H.264
audio decoding	MPEG 2 (L1/L2)
S/N	>57 dB

### Connectors

F-socket	2 pcs. (HF in, HF out)
Common Interface for Descrambling	1 pcs.

### General data

Power consumption	<10 W (without CAM)
LNB supply voltage	12 V
LNB electrical power supply	0.8 A
Dimensions (width x height x depth)	29,5 x 105 x 253 mm
Operating temperature range	-20...+55 °C

## 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	0.590 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.675 dm <sup>3</sup>
Gross weight shipping unit	0.59 kg
EAN	4010056175092
Article number	17509
Customs tariff number	85437090