

WISI OH 16 SC

Reception from 16 DVB-S/S2 signals and transmodulation in 16 DVB-C channels



Description

The compact headend OH 16 SC is easy to install and offers a lot of interesting features. By using a multi switch with 5, 9, 13 or 17 inputs in front of the headend and the DiSEqC functionality, ensures that transponders of up to four different satellite positions can be received, transmodulated and distributed. Network integration is possible via DHCP that supports remote maintenance and programming via the web browser without any additional software. The headend set-up is user-friendly, it generates automatically an IP address for the connected PC and by entering „OH16“ or the programmed IP address the operator has access to the headend. LCN, NIT generating, PID filtering and an integrated FM combiner complete the range of functions.

At a glance:

- Reception of 16 DVB-S/S2 signals and transmodulation into 16 DVB-C channels
- DiSEqC 1.0
- Input frequency range 950–2150 MHz
- Output frequency range 47...862 MHz
- Integrated distribution matrix
- Programming and remote access via web browser
- PID filtering
- NIT and LCN generation
- Integrated FM amplifier
- 19" rack - or wall installation

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Technical data

Input	
Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Return loss IN	>8 dB
Isolation internal multiswitch	>30 dB
Input level range	47...90 dB μ V
AFC	\pm 10 MHz
Modulation	QPSK (EN300421), QPSK 8PSK (EN302307)16APSK, 32APSK
Symbol rate DVB-S	1...53 Mbaud
Symbol rate DVB-S2	1...45 MSps 8PSK, 1...35 MSps 16APSK, 1...28 MSps 32APSK
Spectral inversion	Automatic
FEC outer DVB-S	RS 204-16
FEC inner DVB-S	1/2, 2/3, 3/5, 5/6, 7/8
FEC outer DVB-S2	BCH
FEC inner DVB-S2	(1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK) /5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK))
Output	
Output frequency range	45...862 MHz
Output frequency steps	250 kHz
Output channel bandwidth (couplet)	4x (4 x 8 MHz)
Output level	100...115 dB μ V
Amplitude response (O-E)	1 dB
Modulation type	32-, 64-, 128-, 256-QAM
Symbol rate	4,48...7,00 MS/s
Spurious suppression	>50 dB (at QAM 256)
MER	\geq 40 dB
Bit stuffing	Yes
SI-Table handling	Yes
PID filtering	Yes
LCN	Yes
NIT generation	Yes
Connectors	
F-socket	20 pcs.
Output test point	-20 dB
USB	1 pcs.
RJ11	1 pcs.
RJ45	1 pcs.
General data	
Power consumption	<70 W
LNB supply voltage	14...18 V DiSEqC 1.0 / 22KHz
LNB electrical power supply	0.5 A each slot / max. 1A
Dimensions (width x height x depth)	483 x 44 x 259 mm
Operating temperature range	-20...+45 °C
Operating voltage	180...265 V AC (47...63 Hz)

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056739669
Article number	73966
Customs tariff number	85437090