

# WISI OE 01

Encoder Modulador HDMI in DVB-C/T; ATSC-T/C; DTMB



## Description

The OE 01 Encoder Modulator enables HD video & audio encoding and digital modulation into an RF signal, compatible for distribution over coaxial cable. The HDMI video signal is MPEG4 compressed and can be received on TV sets with a built-in MPEG4 compatible receiver. On the output side, all common terrestrial- / cable signal modulations are supported (DVB-C/T; ATSC-T/C; DTMB) and can be selected directly on the device without additional hardware or software.

## Scope of delivery

- 1x 230V power supply unit

## At a glance:

- 1 HDMI input supporting all resolutions up to 1080p60.
- 1 HF loop-through input for feeding in existing DVB-C/T signals
- MPEG4 Videocompression
- Switchable output modulation (DVB-C, DVB-T, DTMB and ATSC-T/C)
- Freely adjustable output frequency up to 1218 MHz
- User-friendly programming without additional software/hardware
- Adjustable NIT/LCN parameters
- Compact dimensions and easy assembly

<b>Technical data</b>	
<b>HDMI-Input</b>	
HDMI number of ports	1 pcs. (HDMI)
Input format HDMI	1080i50/60, 720p50/60, 576p50, 480p60, 576i50, 480i60
HDCP Support	No
<b>Video Encoding</b>	
Encoding capacity	1x HD MPEG-4
Video system	1x MPEG-4 HD
Picture size	1080i50/60, 720p50/60, 576p50, 480p60, 576i50, 480i60
Bit rate	2...23 Mbps
Subtitle DVB Support	No
Subtitle OP47 Support	No
Frame rate conversion	No
Test pattern	No
<b>Audio Encoding</b>	
Audio-system	ISO 11173-3 (MPEG-1 L2)
Sampling frequency	44.1, 48 kHz
Bit rate	32...320 Kbps
<b>Processing</b>	
PID filtering and remapping	Yes
Advanced PSI/SI regeneration	Yes
NIT generation	Yes
<b>Connectors</b>	
F-socket RF- output	2 pcs.
HDMI input	1 pcs. (for type A connector)
<b>General data</b>	
Supply voltage	12 V DC (600mA)
Power consumption	max. ≤6 W
HDMI status LED	green