

WISI OE 01

Encoder Modulator 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

Technical data**HDMI-Input @fett**

HDMI number of ports	1 pcs. (HDMI)
Input format HDMI	1080i50/60, 720p50/60, 576p50, 480p60, 576i50, 480i60
HDCP Support	No

Video Encoding @fett

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

Audio Encoding @fett

Audio-system	ISO 11173-3 (MPEG-1 L2)
Sampling frequency	44.1, 48 kHz
Bit rate	32...320 Kbps

Processing @fett

PID filtering and remapping	Yes
Advanced PSI/SI regeneration	Yes
NIT generation	Yes

Output @fett

Output level	59...99 dBμV (adjustable)
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Connectors @fett

F-socket RF- output	2 pcs.
HDMI input	1 pcs. (for type A connector)

General data @fett

Supply voltage	12 V DC (600 mA)
Power consumption	max. ≤6 W
HDMI status LED	Green
Operating temperature range	0...50° °C

Packaging data

Sales unit	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	4010056761134
Article number	76113
Customs tariff number	85176200