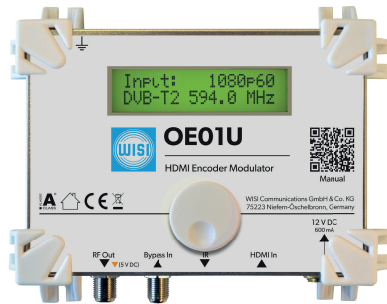


WISI OE01U

Encoder Modulator HDMI in DVB-C/T/T2; ATSC T/C; DTMB; ISDB-T



Description

The OE01U Encoder Modulator enables HD video & audio encoding and digital modulation into an RF signal, compatible for distribution over any coaxial cable network. The HDMI video signal is MPEG4 coded and can be received with any TV set or set-top box with a builtin MPEG4 decoder. The modulated output signal is compatible to all common digital TV standards.

Scope of delivery

- 1x 230V Power Supply Unit

At a glance:

- 1 HDMI input supporting all resolutions up to 1080p60
- 1 RF loop-through input for feeding in existing signals
- MPEG4 Video compression
- Switchable output modulation (DVB-C/T/T2; ATSC T/C; DTMB; ISDB-T)
- Freely adjustable output frequency up to 1 GHz
- User-friendly programming without additional software/hardware
- Adjustable NIT/LCN parameters
- Compact size and easy installation

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Technical data**HDMI Input**

Interface	HDMI
Video resolution	1080i50/60, 720p50/60, 576p50, 480p60, 576i50, 480i60

Video Encoding

Video Encoding	MPEG-4 / H.264, MPEG-2
Video resolution	1080i50/60, 720p50/60, 576p50, 480p60, 576i50, 480i60
Bitrate	2...23 Mbps

Audio Encoding

Audio Encoding	ISO 11173-3 (MPEG-1 L2), AAC
Sampling rate	44.1, 48 kHz
Bitrate	32...320 Kbps

Processing

PID filtering and remapping	Ja
Extended PSI/SI regeneration	Ja
NIT generation	Ja

Output

Impedance	75Ω
Frequency range	174...1.000 MHz
Level	50...95 dBμV
Standards	DVB-C; DVB-T/T2; ATSC-T/C; DTMB; ISDB-T
MER (typ)	38 dB

Connectors

HDMI-Input	1x HDMI Type A
RF-Input	1x F-female
HF-Output	1x F-female

General data

Supply voltage	12 V DC (600 mA)
Power consumption	max. 6 W
HDMI Status LED	Green
Operating temperature	0...50 °C
Dimensions (WxHxD)	155 x 120 x 60 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	272 x 150 x 64 mm
Packaging volume sales unit	2,62 dm³
Gross weight sales unit	0,5 kg
EAN	4010056771546
Article number	77154
Customs tariff number	85176200