

## DVB-T Modulator with HDMI input

**DVB T**

- ✓ DVB-T modulator
- ✓ Distribution of satellite receiver, CCTV camera, DVD / Bluray player output through DVB-T network
- ✓ HD and SD video encoding (incl. 1080p)
- ✓ HDMI input for encoding
- ✓ DVB-T RF output frequency selectable
- ✓ Output level selectable
- ✓ USB interface for firmware update
- ✓ 2 years warranty

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*IRENIS HDM 500T modulator enables  
the distribution of SD and HD tv/video content  
through SMATV networks  
in digital quality.*

*The channels can be watched on tv sets equipped  
with DVB-T tuners directly,  
on others through DVB-T set-top-boxes.*

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Designed for TV signal distribution in excellent quality over coaxial cable networks in residential buildings, villas, hotels, stores, shopping centers, office buildings, hospitals, restaurants, cruise ships, trains, public buildings.



Distribution of SD and HD TV channels to LED/LCD tv sets using digital (DVB-T) technology from almost any kind of video input.

Excellent video and audio quality.

High reliability. No regular service and maintenance need during operation.

**Full HD  
1080****HDMI<sup>™</sup>**  
HIGH DEFINITION MULTIMEDIA INTERFACE



## Technical Specifications

Function	H.264 Encoder and DVB-T Modulator
INPUT	
Connection	HDMI
Resolution	1080p, 1080i, 720p, SD (Output resolution: 1080@30p max.)
Video encoder	MPEG-4 AVC / H.264 high profile, main profile
Audio encoder	MPEG-1 Layer II, stereo
Connector	HDMI
OUTPUT	
Modulation	QPSK, 16, 64 QAM (DVB-T)
Frequency range	30 ... 960 MHz (1 kHz steps)
Output level	71 ~ 91 dBµV (-16~ -36 dBm) 0.1 dB steps
Symbol rate	5 - 9 MS/s
Data interface	USB for firmware upgrade
RF Connector	F-female, 75 Ohm
Power supply	12V DC
Dimensions	183 x 110 x 45mm
Weight	< 1kg
Warranty	2 years

