

## HMODTV-LT MICRO

Indoor modulators



High DVB-T "Home" quality indoor digital modulators with loop through on the HDMI output port. Bluetooth interface for the product setup.

### Technical Chars

- It receives a signal from the **HDMI input** and converts it to digital terrestrial **DVB-T** on the output F connector, where the signal from the aerial or another modulator can be **mixed**.
- Ideal solution for distributing SD or HD digital signals received from any device (e.g. DVD player, decoder or camera) in DVB-T technology within an existing coaxial network.
- **Easy installation** with programming via Bluetooth with free application.
- **MPEG-4 AVC/H.264** video encoding with **Full HD 1920x1080-30p** resolution.
- VHF and UHF output band with **typical MER >35dB** on UHF channel.
- Miniaturised metal chassis for **high interferenceshielding** and excellent heat dissipation.

HMODTV-LT MICRO		
Code		287545
Outputs number		2 (RF DVB-T, HDMI LT)
Input no.		2 (HDMI, RF DVB-T MIX)
Input		
Video		MPEG-4 AVC / H.264
Video profile		High Profile 4.0
Video Resolution		1920 x 1080 @30fps HDMI
Video Bitrate	Mbps	1-19 (adjustable)
Audio type		HDMI
Standard Audio		MPEG-1 Layer II, MPEG-2, AAC, AC3
Bitrate audio	Kbps	64, 96, 128, 192, 256, 320, 384
Audio Level	Vpp	0.5 - 1 (adjustable)

Output		
Transponder no.		1
Standard output		DVB-T (EN300744)
Channel		E5-E12, E21-E69
Frequency	MHz	174-230, 470-862
Tuning step	KHz	1000
Bandwidth	MHz	5, 6, 7, 8
Carriers		2K, 8K
Modulation		QPSK, 16QAM, 64QAM
Guard interval modulation		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Max output level	dB $\mu$ V	90
Gain adjustment	dB	20
MER RF	dB	35 @UHF
Mixed band	MHz	47-862
Insertion loss	dB	1 Typical
LCN		Yes (Nordig, ITC/UK, EICTA/Europe, New Zealand)
Specifications		
Power supply voltage	V	12
Absorption	mA	400
Configurable parameters		Service name, service ID, video PID, audio PID, PMT PID, TSID, ONID, network ID, provider name
Load/save configuration		Bluetooth (version 4.0 or higher)
Operating temperature	$^{\circ}$ C	0 to +50
Dimensions and packaging		
Pieces		1
EAN code		8016978103720
Packaging dimensions	mm	290 x 140 x 50
Product dimensions	mm	160 x 89 x 28
Packaging weight	Kg	0.46
Net Weight	Kg	0.29
Weight	Kg	0.4