

## INDOOR MODULATORS

### HMODTV-LT MICRO

SKU : 287545



#### 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.

#### Main Specifications

- It receives a signal from the HDMI input and convert it into DVB-T digital terrestrial on the output F connector, into which the signal from the antenna or another modulator can then be mixed.
- It is the ideal solution to distribute in DVB-T technology, within an existing coaxial network, the SD or HD digital signals received from any device (es DVD player, decoder or camera).
- Easy installation with Bluetooth free application.
- MPEG-4 AVC/H.264 video encoding with Full HD 1920\*080-30p resolution.
- VHF and UHF output band with typical MER > 35dB on the UHF channel.
- Metal Frame miniaturized to have a high shielding against interfering and excellent heat dissipation.

Name		HMODTV-LT
Code		287546
Inputs	No.	3 (HDMI, RCA, RF DVB-T MIX)
Outputs	No.	2 (RF DVB-T, HDMI LT)
Input		
Video encoding		MPEG-4 AVC / H.264
Video profile		High profile 4.0
Video resolution		1920x1080@30fps HDMI
Bitrate Video	Mbps	1-19 (adjustable)
Audio Specifications		
Audio Standard		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
Trasmission Standards		DVB-T (EN300744)

Name		HMODTV-LT
Channels		E5-E12, E21-E69
Frequency range	MHz	174-230, 470-862
Freq. step	MHz	1
Freq. band	MHz	5, 6, 7, 8
Carriers		2K, 8K
Modulation		QPSK, 16QAM, 64QAM
Guard interval		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Max out level	dBμ	90
Level adj.	dB	20
MER	dB	35@JHF
MIX band	MHz	47-862
insertion loss	dB	1
LCN		Yes (Nordig, ITC/UK, EICTA/Europe, New Zealand)
other features		
Set up		Bluetooth (version 4.0 or higher)
Configurable parameters		Service Name, Service ID, Video PID, Audio PID, PMT PID, TSID, ONID, Network ID, Provider Name
Supply voltage	V, mA	12, 400max
Operating temperature		from 0 to 50°
Dimensions		160 x 89 x 28