Data sheet

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HMODTV-LT

High DVB-T "Home" quality indoor **digital modulators with loop through on the HDMI output port**. Backup RCA input and keyboard with display or PC SW for the product setup.

- 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).
- It is available with **RCA input** for Stereo Audio/Video primary analog signals or backup for HDMI.
- Easy installation with programming on keyboard and display or with free PC application.
- MPEG-4 AVC/H.264 video encoding with Full HD 1920x1080-30p 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	287544
Input no.	3 (HDMI, RCA, RF DVB-T MIX)
Outputs no.	2 (RF DVB-T, HDMI LT)

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Connectors		2xF female (OUT/MIX IN RF), 3xRCA (IN analogico), 2xHDMI (IN/OUT digitale), 1xUSB (configurazione)
Input		
Input 1		HDMI
Input 2		RCA CVBS
Video Coding		MPEG-4 AVC / H.264
Video Bitrate	Mbps	1-19 (regolabile)
Video profile		High profile 4.0
Video Resolution		1920x1080@30fps HDMI
Fiber typeAudio		HDMI & Mono/Stereo
Standard Audio		MPEG-1 Layer II, MPEG-2, AAC, AC3
Audio Bitrate	Kbps	64, 96, 128, 192, 256, 320, 384
Audio Level	Vpp	0.5 - 1 (adjustable)
Output		
Transponders No.		1
Modulation		DVB-T (EN300744)
Constellation		QPSK, 16QAM, 64QAM
Channels		E5-E12, E21-E69
Band	MHz	174-230, 470-862
Tuning step	MHz	1
Bandwidth	MHz	5, 6, 7, 8
Carriers		2K, 8K
Guard interval		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Max level	dBuV	90
Level adjustment	dB	20
MER	dB	35@UHF
Mixed band	MHz	47-862
Insertion loss	dB	1 Typical
Other features		
Configurable parameters		Service Name, Service ID, Video PID, Audio PID, PMT PID, TSID, Original Network ID, Network ID, Provider Name
LCN		Yes (Nordig, ITC/UK, EICTA/Europe, New Zealand)
Power supply	V, mA	12, 400max
Operating temperature		0 a +50
Dimensions		160 x 89 x 28