

THERON

THE-100

T/T2 H.265 TV Receiver



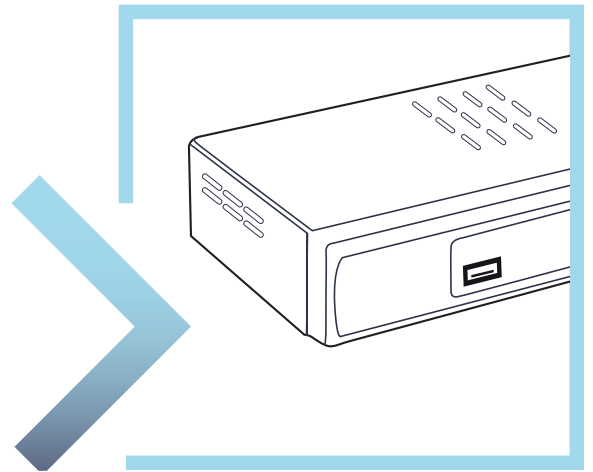
Leading the signal
all over the world



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Theron THE-100, is a high quality and reliable "home" terrestrial digital TV receiver with DVB-T/T2 signal reception support. Theron's THE-100 powerful decoder has the ability to decode video signals compressed by the MPEG-2 algorithm, H.264 and H.265 HEVC. It has, an HDMI digital output with a maximum output resolution of up to 1080-60p, an analog Audio/Video output (CVBS) as well as a digital audio output. The THE-100 has a built-in media player for playback of different video file types (i.e. mkv, avi etc.) and audio (i.e. mp3 etc.) as well as a PVR function for recordings, using a USB 2.0 port.

THE-100 has an external 12V/1A power supply that can be easily replaced in case of failure. Furthermore, the metal case of Theron THE-100 offers an excellent electromagnetic shielding as well as an excellent heat dissipation and robustness, while its small size makes it ideal for all installations especially when there is a limited space.



Features

- DVB-T/T2 receiver
- MPEG-2, H.264 and H.265 HEVC signals decoding
- HDMI & CVBS outputs
- Digital Audio output
- Resolution up to 1080-60p
- Built-in media player
- PVR
- Metal case
- Very small size
- External power supply
- USB port for PVR function & firmware upgrade
- 2 Years Warranty



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Technical Specifications

Input Specifications

Type	RF DVB-T/T2
Input frequencies	174...230 MHz & 470...862 MHz
Input level	35...90dBuV
Connector	75Ω - IEC, female

Decoder

Video coding	MPEG-2/H.264/H.265 HEVC
Profile	MPEG2 MP@HL, AVC/H.264 HP@L4.1, MPEG4 ASP, HEVC H 265
Resolution	Up to 1920x1080-60p
HDCP support	Yes
Audio	HDMI & Mono/Stereo
Audio encoding	MPEG2, ACC, AC3
Standard	MPEG-1 Layer II
Audio Bit Rate	64, 96, 128, 192, 256, 320, 384 kbps
Level	0.5Vpp to 1.0Vpp adjustable

Media player

Video playback format	avi, mkv, jpg
Audio playback format	MP3, wav, AAC
PVR function	Yes
USB support	Yes, USB 2.0
EPG support	Yes
OSD	Multilingual
LCN support	Yes
LCN Providers	Nordig, ITC/UK, EICTA/Europe, New Zealand



Output

Type	HDMI, CVBS
Connector	Type A Standard HDMI Female RCA for CVBS
Digital Audio Output	Yes
Connector	RCA

Display

Number of digits	Four digits
Display segments	4x7
Display color	Green
Finish	Black Mate
Color	Black

General

Power supply	+12VDC
Power supply consumption	300 mA max.
Operating temperature	0 °C to 50 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	165.0 x 110 x 40.0 mm
Weight	0.25 Kg

www.lemco.gr



Latheas 46 - 13678 Athens - Greece

+30 210 2811401, +30 210 2405237 +30 210 2825755 info@lemco.gr

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