



HbbTV (Hybrid Broadcast Broadband TV) is a new hybrid TV standard that combines the broadcast of a typical TV signal with multimedia content over broadband.



DVB-T2 H.265 receiver
 with access to **VOD** content
 of popular TV broadcasters via HbbTV*.

*Providing new additional video content and services with HbbTV version 2.0.1 support. VOD and the ability to watch selected channels up to 7 days back and other functionalities.

Main Features:

- HbbTV 2.0.1
- Terrestrial TV and multimedia from the Internet
- 7-day program guide (EPG)
- Support for multiple media formats
- Support for audio in multiple languages
- Multilingual menu support: German, Polish, English, French, Italian, Czech, Slovak
- Support for parental lock
- Support for favorite channels
- PAL/NTSC conversion
- 2 x USB 2.0 interface
- DVB-T2 compatibility
- PVR support
- Teletext

High Efficiency Video Coding

Video compression standard



RED

OPTICUM®

W5v2



WiFi connection requires a compatible
Opticum W5 WiFi module.

IEEE 802.11 b/g/n Wi-Fi module

Using USB 2.0

MT7601U 1T1R dongle

STANDARD 802.11 b/g/n

WEP WPA WPA2



WiFi STICK

5dBi

150Mbps

ART nr. ADA0002-V2

HARDWARE:

- Tuner: RF input x1
- COAXIAL
- SCART
- HDMI 1.4 x1
- USB 2.0 x2
- LAN Ethernet RJ-45
- Power supply DC 12V1A
- Memory 256MB NAND flash
- RAM 512MB DDR3



SOFTWARE:

- MPEG-2/MPEG-4 H.264 /HEVC H.265 fully DVBT/T2
- HBBTV 2.0.1
- Wifi dongle support (only chipset MT7601)
- Automatic PAL/NTSC conversion
- 5000 channels TV and Radio programmable
- 8 favorite groups
- Multi-language OSD
- 7 days Electronic Program Guide(EPG)
- Channel search in automatic, manual search
- Channel Edit (move, lock, rename, skip)
- Parental control for channels
- Software Upgrade by OTA and USB port and Internet
- Automatic turn on/off by Timer setting
- Subtitle support DVB EN300743 and EBU
- Teletext support
- Support Logic Channel Number (LCN)
- USB Disk support format NTFS, FAT32, FAT16 (record, playback, Media play and upgrade software)
- Media player MP3/ JPEG/ BMP/ OGG files

AUDIO & VIDEO:

- **Video Decode** MPEG-1 , MPEG-2 MP@ML ,MPEG-2 MP@HL, MPEG-4/H.264/AVC MP@L4, MPEG-4/H.264/AVC, HP@L4/HEVC
- **Aspect Ratio** 4:3,16:9 with Pan & scan, Letterbox
- **Video Resolution** 480p, 480i, 576p, 576i, 720p; 1080i, 1080p
- **Audio Decode** MPEG-1 layer I/II, MP3, MPEG-2 layer II, HE AAC AC3(option)
- **Sound Mode** LEFT/Stereo, left Mono ,right Mono
- **Sample Rate** 32, 44.1 , 48 KHz
- **Digital Audio output** IEC958/IEC1937 digital audio output interface(S/PDIF)

LOGISTIC DATA*:

Product size: 150x101x34mm
 Quantity in bulk carton: 20 pieces
 Quantity per pallet: 600 pieces
 Dimensions of master carton : 49x25.5x35cm
 EURO pallet height: 180cm
 Customs Code: 8528711500
Art.Nr. TUN0170

*Logistics are subject to change without notice.

An initiative for hybrid digital TV to
harmonise the broadcast, Internet
Protocol Television (IPTV), and

broadband delivery of entertainment to the end consumer
through connected TVs (smart TVs) and set-top boxes.
HbbTV can show digital television content from a number of
different sources including traditional broadcast TV, Internet,
and connected devices in the home.

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