

IF-442HD Wi-Fi



IF-442HD Wi-Fi is designed based on the newest NXP/Trident elemental platform for providing reception of digital TV signals, video, audio and other multimedia information transferred by packet data network using IP protocol stack. The receiver ensures Standard (SD) and High Definition (HD) video resolutions and is fully compatible with MPEG-2 and MPEG-4 AVC / H.264 standards for signals receiving, decoding and playback on TV screen, also has user-friendly menu, is easy to install and use, ensures high picture quality on TV screen. By connecting any external memory to USB ports the receiver can become a Personal Video Player. Connecting over HDMI connector it is possible to watch video in full HD resolution. You can watch video, photos from USB storage device or a computer and using HDMI output allows you to connect STB to your audio system with different digital audio decoders.



System

- Trident MIPS CPU up to 400 MHz PNX8732E1
- DDR SDRAM 256 MB
- Flash NAND 64 MB
- Flash NOR 2 MB

Ethernet

- WLAN 150 Mb 802.11 b/g/n
- LAN 10/100 Mb

Video decoding

- MPEG-4 / H.264 MP@L4
- MPEG-2 MP@ML
- Resolution: 1920x1080i, 1920x1080p, 1280x720p, 720x576p with automatic EDID
- Aspect ratio: 4:3; 16:9

Audio decoding

- MPEG-1/MusiCAM layer I/II
- MPEG-2 layer 2
- MPEG-4 AAC, AAC-HE , AC3, E-AC3, LPCM, MP3

IPTV supported services

- Live TV
- Electronic guide (EPG)
- Video on Demand (VoD)
- TV program review from the archive
- Internet TV
- Internet radio

Media player

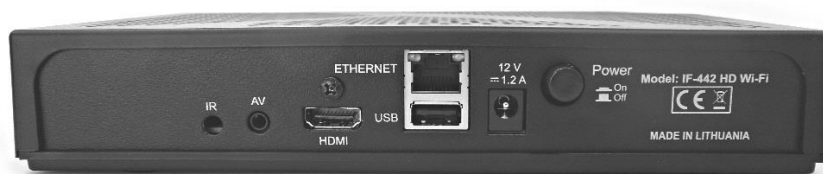
- File system: FAT32, NTFS, XFS
- Supported containers: avi, mkv, ts, m2ts, mov
- JPEG decoding

Features

- 999 program memory positions
- < 1 sec zapping time (physically minimum, may vary depend of stream)
- SDP/SAP protocol support
- Multimedia file browser of attached USB HDD and UPnP networks (LAN, WLAN)) for video, pictures and MP3 playback
- Guided first installation
- Language selection for programs broadcast in several languages
- SW adaptive Upscaler based on Trimedia core for SD signals to sharpen output it on 720p and 1080i
- HDMI 1.4a support up to modern 3D video and audio bit stream out
- Suitable for software updates via USB stick
- Multi Language On-screen display (OSD)
- LINUX operational system

I/O connectors

- Audio / Video TRRS connector 3.5 mm, CVBS (SD)
- IR external TRS connector 2.5 mm
- HDMI 1.4a (up to 1080p/30, 3D modes and 7.1 HD sound bit stream out supported)
- USB 2.0
- 10/100 Mbit Ethernet
- Power supply DC 12 V, 1.2 A



Physical properties

- Dimensions: 210x130x38 mm
- Weight (netto): 320 g
- Working temperature: 0°C iki +45 ° C
- Storage temperature: -10°C iki +70 ° C
- Relative humidity: max 95 %

Complement

- Digital IPTV receiver IF-442HD
- Remote control unit
- AAA type batteries 2 u.
- HDMI cable
- AV adapter
- Power supply 12 V, 1.5 A

