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Open Linux HD Twin Tuner Receiver



Features

- Open-source Linux operation system
- Full compatible with Enigma2
- Broadcom 1300 MHz Mips processor
- Twin DVB-S2 HD Tuner
- 256 MB NAND Flash / 8MB NOR Flash / 1GB DDR3 RAM
- Media Player
- Downloadable Plug-ins supported
- MPEG2 / H.264 Hardware decoding (DVB Compliant)
- Speed Controlled Fan
- Unlimited Channel Memory
- Super sensitive tuner for very weak signals and weak transponders
- 1 x smartcard reader
- 1 x Common Interface
- 10/100/1000 Mbps Ethernet interface
- 3 x USB2.0 PVR Ready ports via a USB external device (1xFront / 2x Rear)
- 1 x internal SATA connection for 2.5" HDD
- 1 x RS232
- 1 x HDMI Interface
- Component Video(YPbPr)
- Composite Video (CVBS)
- Stereo audio output C-inch
- 1 x Dolby Digital Plus compliant via optical S/PDIF output
- Less than 1 second channel change
- Extended EPG and recording reservation on EPG
- Full 3D : HDMI 1.4
- Full HD : 1080p 50/60Hz
- Bouquet lists
- Multi language OSD, Skins
- 2HD Picture in Picture (PIP)
- Fully automatic, Manual Channel Search
- Timer & multi-event recording
- Teletext & Subtitle support by OSD and VBI
- DiSEqC 1.0, 1.1, 1.2 and 1.3(USALS) compatible
- under 0.5 Watt Stand-by power consumption option

Technical Specification

Front Panel

DisPlay : 12 digits Dot matrix display & Power LED
1 x Smartcard slot
1 x USB 2.0
1 x Common Interface slot
Buttons : Power, Volume Up/Down, Channel Up/Down

Rear Panel

1 x power switch
Sat-IF input/output : 2x F-type socket
Video output (digital) : 1x HDMI
Audio output (digital): Standard optical (S/PDIF)
Video output (Component) : 3x C-inch socket
Video output (Composite) : 1x C-inch socket
Audio output (analogue) : 2x C-inch socket
2 x USB 2.0
1 x Ethernet
1 x RS 232

Video

Video resolution 1080p, 1080i, 720p, 576p, 576i
Video decoding MPEG-2, MPEG-4 compatible
Input data rate 2-45MSymb/s
S/N > 53dB

Audio

Decoding AC3, MPEG-4 (AAC-HE), MPEG-1, Layer1, 2 and 3
32/4.1/48 kHz sampling rate
S/N > 65 dB

Power consumption

<30W (in operation, horizontal) 400mA LNB Current
<20W (in operation, without LNB)
<0.5W (Deep-Standby_mode)
DC 12V (3.5A) Adaptor

DVB S/S2 Tuner

Frequency Range : 950 ~ 2150MHz
LNB Supply (horiz./vert): 13V,14V,18V,19V, Max 400mA
Control signal 22kHz , 650mV ; ToneBurst; DiSEqC 1.0 / 1.1 / 1.2
DVB-S Demodulation : QPSK, 8PSK
DVB-S Symbol Rate : QPSK: 1MSPS to 45MSPS
8PSK: 2MSPS to 30MSPS
DVB-S Code Rate : QPSK: 1/2, 2/3, 3/4, 5/6, 7/8
8PSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

General

Dimensions (W x H x D) : 270x55x190 (mm)

Weight kg : 2.0 Kg
