

VIPER COMBO HDD

Full HD Digital H.265 Satellite and T2 Terrestrial/Cable Receiver
with E2 OS & Internal HDD slot



Internal HDD support

DC 12V



READY.
* 3D compliant Enigma 2 image installed is required



H.265



ViX4



Full HD
1080



E2 OPERATING SYSTEM



MAIN FEATURES

- Full HD Digital Satellite and T2/C Receiver
- H.265 video decoding
- **Internal 2.5" HDD/SSD slot with SATA connection**
- E2 Operating System - Linux Embedded
- Processor - 2000 DMIPS
- Fast and Easy Installation with the Installation Wizard
- One card reader slot
- One Common Interface (CI) slot
- 3D Ready (3D compliant Enigma 2 image installed is required)
- **Two High Speed USB2.0 connections**
- Multimedia Playback (MKV, AVI, MPG, MP4, TS, WMA, MP3 and more...)*
- TimeShifting - Stop live television (Hard drive required)
- Internet Streaming TV and Radio support*
- Ethernet Connection and USB WiFi / 3G dongle support*
- Easily expandable with addons and plugins
- Live Streaming through network*
- Remote Management through HTTP* / Telnet / SSH / FTP...
- Media Playback and Recording via local network*
- External USB DVD drive support*
- Electronic Program Guide (EPG)
- Multi-Satellite Controlled with DiSEqC 1.0, 1.1, 1.2 and USALS
- Automatic DiSEqC detection
- High Resolution Graphic User Interface (GUI)
- Customizable appearance with Skins
- **(10/100M) Ethernet connection**
- Multi-Language - Audio / Teletext / Subtitle - support
- Easy Software Upgrades through the Internet / USB
- Full HD HDMI 1.4 Connection
- Dolby Digital Bit-Stream out via Optical S/PDIF and HDMI
- DC 12V Power Supply

VIPER COMBO HDD



TECHNICAL SPECIFICATIONS

System Resource

Main Processor: BCM73625 Dual thread
 DDR SDRAM: 512MB DDR3
 Flash Memory: 256MB Flash Memory

Tuner A

Tuner Type: DVB-T2 / DVB-C
 Input Connector: IEC Type (Female)
 Loop Through: IEC Type (Male)
 Frequency Range: 48~862MHz
 RF Input Level: -80dBm to -20dBm
 Antenna power output: DC 5V at max 75mA, Overload protection
 Demodulation: COFDM 1K, 2K, 4K, 8K normal and extended, 16K normal and extended, 2K normal and extended
 Input Symbol Rate: 1.0 ~ 7.0Ms/s
 Constellations: QPSK, 16QAM, 64QAM, 256QAM / Both rotated and non-rotated
 Guard Intervals: 1/4, 19/256, 1/8, 19/128, 1/16, 1/32, 1/128
 Code Rate: 1/2, 3/5, 2/3, 3/4, 5/6

Tuner B

Tuner Type: DVB-S / DVB-S2
 LNB Input: F-type
 Input Impedance: 75 ohm
 Frequency Range: 950MHz-2150MHz
 Input Signal Level: -79dBm ~ -11dBm
 LNB Power & Polarization: Vertical: 13V (max 400mA), Horizontal: 18V (max 400mA)
 LNB Switch Control: 22KHz
 DiSEqC: Version 1.0, 1.1 & 1.2 Compatible
 Front End: QPSK/8PSK

Video Decoding

Decoding: MPEG-2: MP@ML MPEG-4:ASP@L5 H.265/AVC:MP@L3.2 VC-1:AP@L1 1080p/1080i/720p/576p/480p/576i/480i
 Resolution: PAL/NTSC
 Video Standard: Up to 15Mbps/s
 Data Rate: 4:3,16:9
 Display Format:

Audio Decoding

Decoding: MPEG-1 Layer I & II, MPEG-2 Layer I & II, MPEG-2 Digital(AC-3), HE-AAC Stereo Right Mono, Left Mono
 Type: 32K, 44.1K, 48K or 192KHz
 Sampling Rate:

Data Interface

Digital HD: 1xHDMI
 RCA: CVBS Video, L&R Audio out
 USB Port: USB 2.0 x 2
 Digital Audio (SPDIF): 1xOptical
 SATA: Internal SATA connection
 Ethernet: 10/100M RJ45 connection

Power Supply

Input Voltage: 12V DC
 Power Consumption: Max 24W

General Data

Size (WxDxH): 300mm x 205mm x 50mm
 Net Weight: 1.2Kg
 Operating Temp: 0°C to +45°C
 Operating Humidity: 20%-80%
 Display: 4 Digit LED Indicator