

VIPER4K51

H.265 4K Digital Satellite Receiver
with E2 OS



DC 12V



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



H.265



LINUX
EMBEDDED



BROADCOM



E2 OPERATING SYSTEM



NTP
INTERNET
TIME



ETHERNET

MAIN FEATURES

- Simple Ultralight 1x tuner satellite receiver
- MPEG2/H.264/H.265
- DVB-S2 4 K E2 Operating System - Linux Embedded
- **Broadcom BCM7251s (10000 DMIPS) Dual Core processor 1700MHz**
- 1GB RAM (DDR3) Memory and 4GB Flash Memory (eMMC)
- Image Resolution of 720p to 3840x2160p (Ultra HD 4 K)
- CI interface for access module
- Fast and Easy Installation with the Installation Wizard
- One card reader slot
- **2 x High Speed USB3.0 connections**
- Multimedia Playback (DivX, MKV, AVI, MPG, MP4, TS, WMA, MP3 and more...)
- Videos, Internet Radios and much more...*
- Internet Streaming TV and Radio support*
- **(100/1000M) Ethernet connection and Wifi/3G dongle support via USB***
- Easily expandable with add-ons and plugins
- Remote Management through HTTP* / Telnet / SSH / FTP...
- Live Streaming through network*
- Media Playback via local network External USB DVD drive support
- Electronic Program Guide (EPG)
- User optimized, multilingual OSD menu
- Multi-Satellite Controlled with DiSEqC1.0, 1.1, 1.2 and USALS
- High Resolution Graphic User Interface (GUI)
- Customizable appearance with Skins
- Multi-Language - Audio / Teletext / Subtitle - support
- Easy Software Upgrades through the Internet / USB
- Full HD HDMI 1.4 Connection
- Dolby Digital Plus Bit-Stream out via Optical S/PDIF and HDMI
- Standby < 0.5 Watt power consumption
- DC 12V Power Supply

*compliant E2 image is required

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Technical specifications

System Resource

Main Processor:	Broadcom BCM7251s (10000 DMIPS)
Number of Cores:	2 (Two)
Clock Speed:	1700MHz (1.7GHz)
DDR SDRAM:	RAM 1GB DDR3
Flash Memory:	Flash 4GB eMMC

Video Decoding

Decode:	MPEG-2: MP@ML, MPEG-4:ASP@L5, H.265/AVC:MP@L3.2, VC-1:AP@L1
Resolution:	2160p/1080p/1080i/720p/576p /480p/576i/480i
Video Standard:	PAL/NTSC
Data Rate:	Up to 15Mbits/s
Display Format:	4:3, 16:9

Audio Decoding

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

Tuner & demodulator:

Tuner Type:	DVB-S/S2
Input Impedance:	75 ohm
Frequency Range:	950MHz-2150MHz
Input Signal Level:	-79dBm— -11dBm
Front End:	QPSK/8PSK

LNB Power & Polarisation

Vertical:	13V
Horizontal:	18V
Max:	400mA

LNB Switch Control

22KHz DiSEqC:	Version 1.0 & 1.2 Compatible
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Data Interface

Ethernet Port:	1 x 10/100/1000 Mbps (Gigabit)
USB Port:	2 x USB 3.0 (1 front / 1 rear)
Digital Audio:	1 x Optical (SPDIF)
Digital HD:	1 x HDMI 1.4

Power Supply

Input Voltage:	100-240V~
Frequency:	50/60Hz
Power Consumption:	Max 15W

Remote Control

Battery:	2 x 1.5V AAA
Operating Distance:	Up to 8 Metres

General Data

Size (LxDxH):	220mm x 180mm x 40mm
Net Weight:	1.2Kg
Operating Temp:	0°C to +45°C
Operating Humidity:	20%-80%
Display:	4-digit 7-segment

Features and specifications may be subject to change without notice.