

***ALWAYS THE FASTEST...
PVR Ready***

OPTICUM 9500 HD PVR 2CI 2CX E PLUS

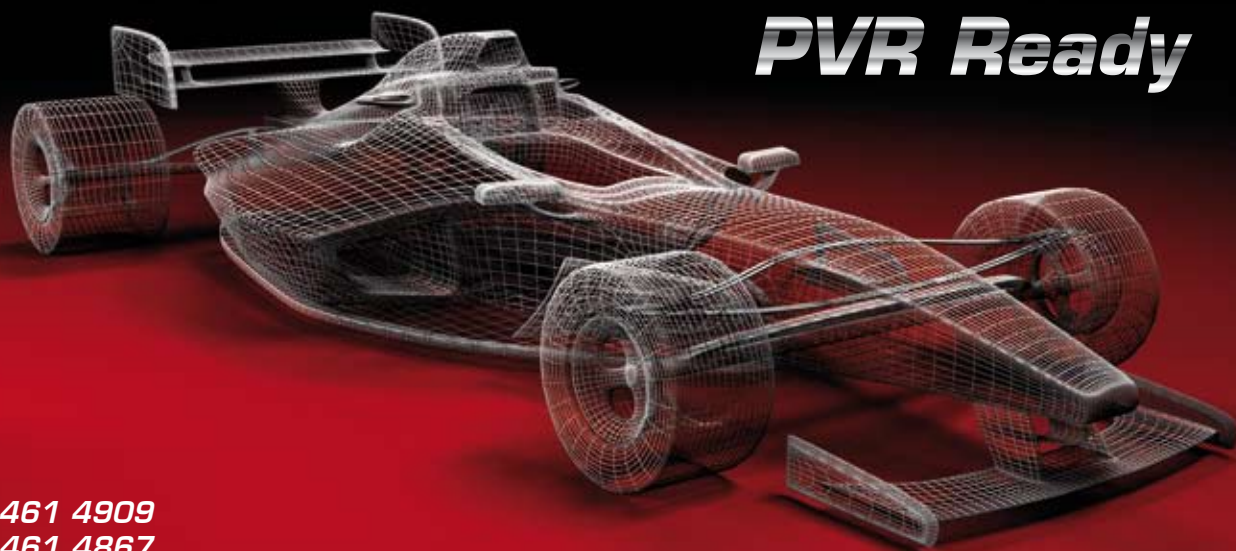


GENERAL DATA:

- HD/SD compliant
- HDMI supported
- Video resolution 1080i, 720p, 576p, 576i
- USB 2.0 Host Support
- Ethernet supported
- Software & Channel Database Transfer via USB
- Blind scan
- 2 x Card Reader slot with CONAX embedded
- 2 x Common Interface slot for CAM modules
- Multi-LNB Controlled by DiSEqC Control
Version 1.0, 1.1, 1.2 and USALS
- Multi-Satellite Search
- Support EPG (Electronic Program Guide)
- On-Screen Display
- Favorite Channel Groups
- Powerful Channel Control by Favorites,
Lock, Skip, Move and Delete
- Multi-language Supported (OSD & Menu)
- Teletext Support
- Multi-picture Display
- Parental Lock
- Optical Output for Digital Audio
- 0/12V output
- and much more ...**

DIGITAL HIGH DEFINITION SATELLITE RECEIVER

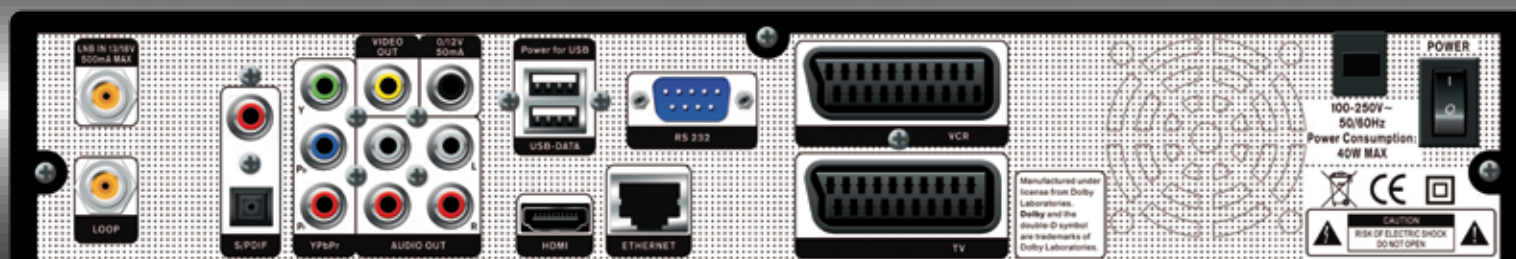
PVR Ready



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SPECIFICATION - OPTICUM 9500 HD PVR 2CI 2CX E PLUS



System Resources

Main Processor: 400 MIPS based CPU
Flash Memory: 8Mbytes [Optional Expand]
DDR SDRAM: 1024+512Mbits [Optional Expand]

Tuner/Channel

1tuner: Decoding
Input Connector: F-type, Connector, Female
Loop Through: F-type, Connector, Female
Signal Level: -65 to -25 dBm
LNB Power & Polarization:
- Vertical: +13V/+14V
- Horizontal: +18V/+19V
- Current: Max. 500mA
- Overload Protection
22KHz Tone: Frequency: 22±1KHz
DiSEqC Control: Amplitude: 0.6±0.2V
Version 1.0, 1.1, 1.2
USALS Available
Demodulation:
- 8PSK
- QPSK
Input Symbol Rate: 2-45 Mbps, Convolution Code Rate
1/2, 2/3, 3/4, 5/6, 7/8 and Auto

MPEG TS A/V Decoding

Transport Stream: MPEG-2
H.264
Input Data Rate: 120Mbit/s Max
Aspect Ratio: 4:3
16:9
Letter Box
Video Decoding: 1920x1080i
Video Resolution: 720*576 [PAL]
720*480 [NTSC]
Audio Decoding: MPEG-1 Layers 1/2
Dolby AC-3
Audio Mode: Left / Right / Stereo
Sampling Rate: 32KHz
44.1KHz
48KHz

A/V & Data Input/Output

TV-SCART: Video CVBS/RGB output
Audio L/R output
VCR-SCART: Video CVBS output
Audio L/R output
Video CVBS, RGB input
Audio L/R input
1x YPbPr output
Video CVBS output
Audio 2x L/R output
S/PDIF: Optical Coaxial,
Digital Audio or Dolby AC-3 Bit Stream Output
Transfer rate 115.2Kbps
RS-232C: 9 pin D-sub Type
USB: USB 2.0
Compatible w/independent power supply output
HDMI: VER1.2
Type A

RF-Modulator (Optional)

PLL type: CH21~69 for the Demodulation
TV Standard: PAL BG/I/DK selectable
RF Connector: 75 Ohms, Male/Female
Frequency Range: UHF : 470~860MHz

Power Supply

Input Voltage: 100-250 VAC, 50/60Hz
Type: SMPS
Power Consumption: 30W Max.
Protection: Separate Internal Fuse and Chassis Grounding.
The Input shall have lightning or Electric Shock protection.

Physical Specification

Size[W*H*D]: 360mm X 266mm X 65mm
Net Weight: 2.49 kg

Environment

Operation Temperature: 0°C~+45°C
Storage Temperature: -10°C~+70°C
Storage Humidity: 5%~95% RH (Non-Condensing)