

# Digital TV Receiver

Part # R-DSD4121RV



## DESCRIPTION

The DSD 4121 RV is a MPEG 2/4 High Definition digital set top box designed specifically to meet the requirements of the Optus Aurora Digital platform and associated VAST certification process.

The DSD 4121 RV utilizes mature tried and tested technology that allows connectivity to both flat panel and legacy CRT TV's. The product has been future proofed through the incorporation of an Ethernet port for connection to the internet and USB port that can convert the unit as a PVR unit and/or for media playback. The DSD 4121 has been designed with an external 12 Volt D.C power supply which provides portability allowing a traveler to connect this decoder to a well regulated 12 Volt D.C supply.



## KEY FEATURES

- MPEG-2/4 High Definition
- DVB-S2 Front End
- Over-the-Air secure software download
- HDMI output
- Component Video Output
- Coaxial S/PDIF digital audio output
- Optical digital audio output
- Dolby digital audio
- Subtitles
- Stereo Audio Outputs
- USB 2.0 interface
- 8 Day electronic program guide
- Australian VAST certified
- External 240V / 12 Volt DC Power Supply

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Technical Features	
Frequency Range	950 - 2150MHz
DVB- Standard	DVB-S2 QSPK Demodulator, 8PSK
Symbol Rate (DVB-S2)	2 Msym/sec to 30 Msym/sec
Symbol Rate (DVB-S)	2 Msym/sec to 45 Msym/sec
Processor Core	
Host Processor	STi 7111, 450MHz core processor
Flash Memory	128 MBytes
RAM	256MBytes
Video	
Video Decoder	MPEG-4 (H.264), MPEG-2 MP@HL
Video Format	PAL
Video Outputs	1080i, 720p, 576p, 576i
Audio	
Audio Decoder	MPEG 2 Layer 1 & 2 (Musicam), MPEG 4 AAC / AAC+
Dolby Audio Support	Downmix and pass through via HDM, optical and coaxial connectors
Connectors	
RF in	F-Type
HD Video	HDMI
SD Video	Composite Video and Component Video
Digital Audio	Optical, Coaxial and HDMI
Analogue Audio	RCA Left and Right
USB	USB 2.0
Serial Connector	9 pin D-type for software upgrades
Smart Card	ISO 7818
Ethernet	RJ45
Power Supply	240V / 12Volt DC power supply pack