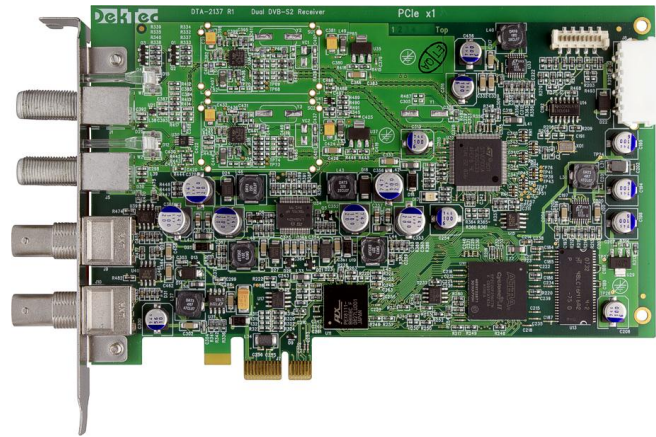


Dual DVB-S2 Receiver for PCI Express Bus

- Professional-grade DVB-S2 receiver
- DiSEqC and LNB power insertion
- DVB-ASI monitoring on each channel

FEATURES

- DVB-S2 receiver supports two channels in QPSK / 8-PSK mode or one channel in 16-APSK / 32-APSK mode
- Two ASI output ports can be used for monitoring or as independent output
- Reception and forwarding of BBFRAMEs
- Dual LNB inputs or shared feed
- DVB-S2 demodulation compliant to EN302-307 and EN301-210, as well as legacy DVB-S support
- Full LNB support with DiSEqC interface and 13V/18V 200mA supply (PCIe power) or 400mA with external power
- Each channel provides reception status, RF level, demodulation status, modulation type, code rate, SNR, MER and error counts
- Programming interface (DTAPI) is compatible with other DekTec input adapters



APPLICATIONS

- Multipurpose DVB-S2 receiver
- Satellite data distribution
- Local redistribution of DVB-S2 channels with DekTec's remultiplexer *MuxXpert*

KEY ATTRIBUTES

Parameter	Value	
Antenna Inputs	2x 75-Ω "F" Female	
Input Return Loss	> 10dB @ 0 .. 1GHz > 4dB @ 1 .. 2GHz	
Tuning Range	950 .. 2150 MHz	
Input Sensitivity	-60 .. -30 dBm	
Baud Rate	2 .. 40 MBd	
Metrology	RF Level	-60 .. -30 dBm ±3dB
	SNR	5 .. 22 dB ±2dB
	MER	5 .. 22 dB ±2dB
	BER (DVB-S2)	Pre LDPC
	Constellation	256 x 256
LNB Supply (per channel)	13V/18V 400mA*	
Receive-Buffer Size	2x 16 MByte	
DVB ID	5886	
PCI-Express Label	PCIe x1	

* 200mA without 12V connected on HDD power connector

ORDERING INFORMATION

Type	Description
DTA-2137-SDP	Dual DVB-S/DVB-S2 Receiver with <i>DtTV</i> , <i>StreamXpress</i> and <i>DtGrabber+</i>
DTA-2137-SXP	DTA-2137-DP bundled with <i>StreamXpert</i> TS Analyser

Please refer to www.dektec.com for the latest pricing and a list of distributors and resellers.

RELATED PRODUCTS

Type	Description
DTA-107S2	DVB-S/DVB-S2 Modulator with L-Band Upconverter
<i>MuxXpert</i>	Real-Time MPEG-2 Multiplexer: Use DTA-2137 to remultiplex DVB-S2 channels