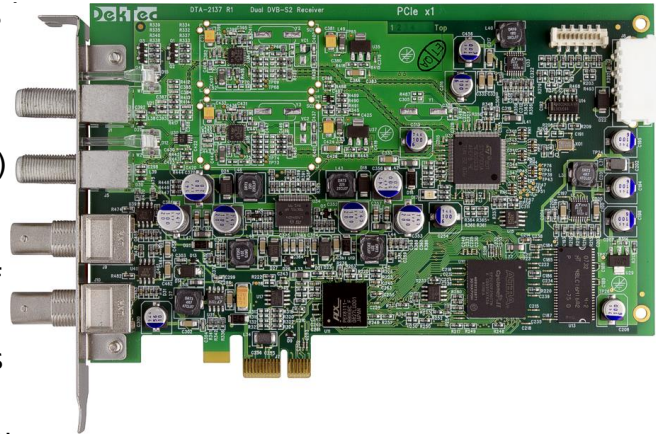


## Dual DVB-S2 Receiver for PCI Express Bus

- Professional-grade DVB-S2 receiver
- Supports 32APSK, MIS, GS, VCM, ACM
- DVB-ASI monitoring on each channel

### FEATURES

- DVB-S2 receiver supports two channels QPSK / 8-PSK mode or one channel in 16-APSK / 32-APSK mode
- Supports advanced DVB-S2 features: VCM, ACM, multiple input streams (MIS) and Generic Stream (GS)
- Two ASI output ports can be used for monitoring or as independent output of consumer demodulator chips
- Reception and forwarding of BBFRAMES
- 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 BER
- 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	2x75-Ω "F" female	
Input return loss	>10dB @ 0 .. 1GHz > 4dB @ 1 .. 2GHz	
Tuning range	950 .. 2150MHz	
Input sensitivity	-60 .. -30dBm	
Baud rate	2 .. 40MBd	
Metrology	RF level	-60 .. -30dBm ±3dB
	SNR	0 .. 22dB ±2dB
	MER	0 .. 22dB ±2dB
	BER (DVB-S)	Pre Viterbi; Pre RS
	BER (DVB-S2)	Pre/Post LDPC & BCH
Constellation	256 x 256	
LNB supply (per channel)	13V/18V 400mA*	
Receive-buffer size	2x 8MByte	
PCI-Express label	PCIe x1	

\* 200mA without 12V connected on HDD power connector

### ORDERING INFORMATION

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

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.

### RELATED PRODUCTS

Type	Description
DTA-2137*	Low-cost DVB-S/S2 receiver without support for 32-APSK, MIS, GS, VCM and ACM
DTA-2107	DVB-S/DVB-S2 modulator with L-band upconverter for PCIe

\* Without the 'C' suffix