

Dual DVB-S2 Receiver for PCI Express Bus

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

FEATURES

- Two independent DVB-S2 receivers with LED indicator and ASI monitoring port
- Dual LNB inputs or shared feed
- DVB-S2 demodulation compliant to EN302-307 and EN301-210, as well as legacy DVB-S support
- Implements all DVB-S2 modulation types including 16APSK and 32APSK
- 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 fully compatible with other DekTec Digital-Video input adapters
- PCI Express x1



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	> 10 dB	
Tuning Range	950 .. 2150 MHz	
Input Sensitivity	-60 .. -30 dBm	
Baud Rate	2 .. 40 MBd	
Metrology	RF Level	-60 .. -30 dBm
	SNR	5 .. 35 dB
	MER	10 .. 26 dB
	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

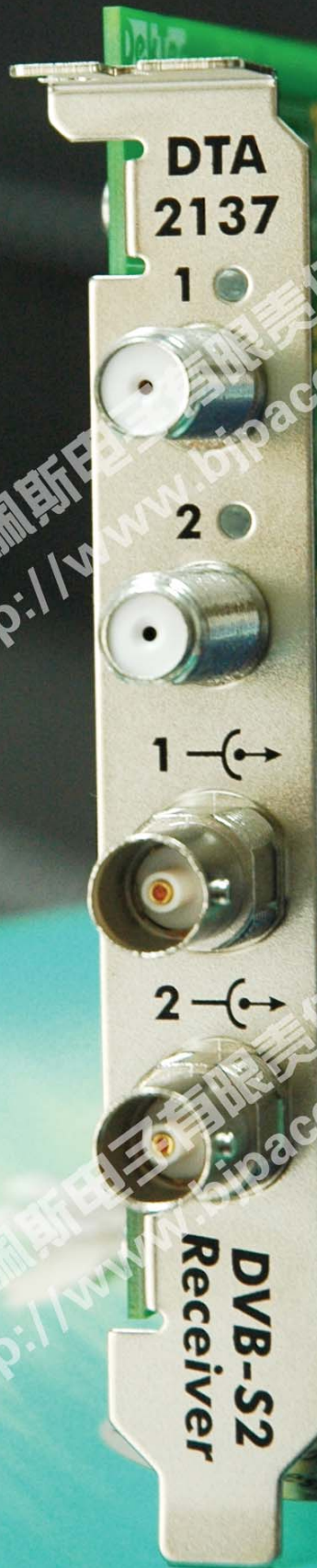
Type	Description
DTA-2137-DP	Dual DVB-S/DVB-S2 Receiver with <i>DtTV</i> and <i>DtGrabber+</i>
DTA-2137-SX	DTA-2137-DP bundled with <i>StreamXpert</i> TS Analyser

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

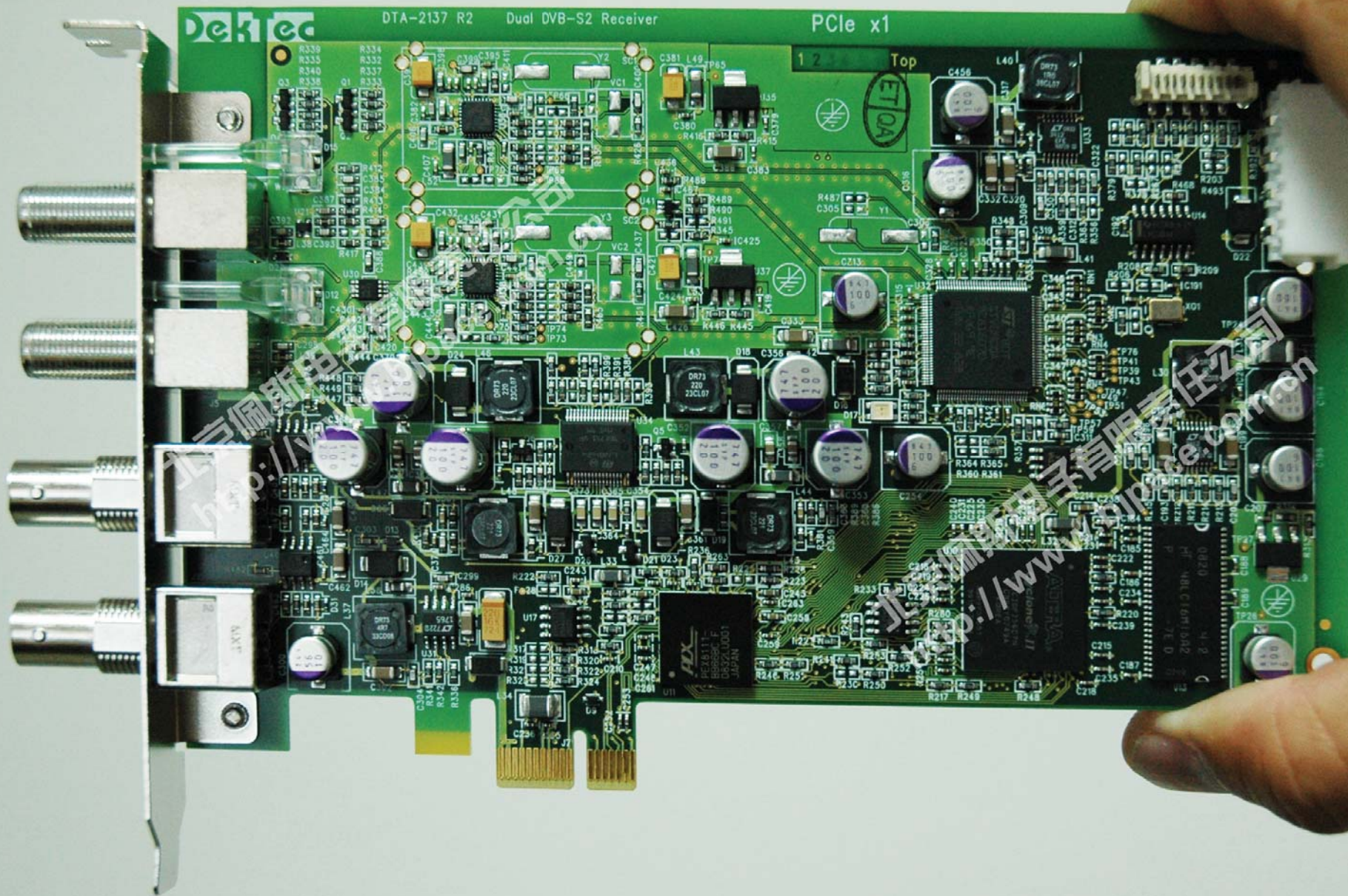
RELATED PRODUCTS

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

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