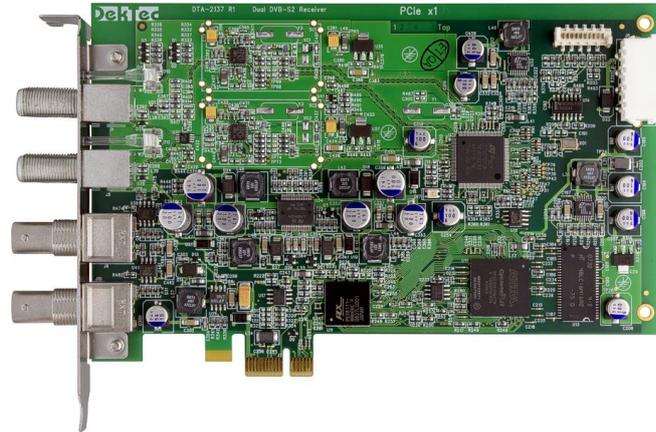


Dual DVB-S2 Receiver for PCI Express Bus

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

FEATURES

- DVB-S2 receiver supports two channels in 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 | 2x 75-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 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