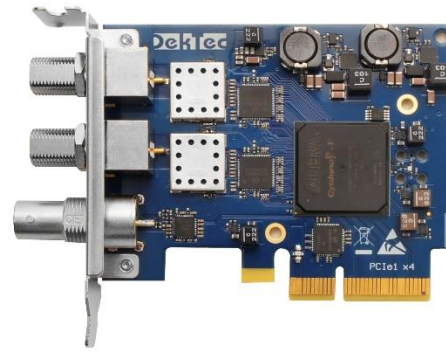


Quad DVB-S2X Receiver with 3G-SDI/ASI Output

- Dual RF inputs with 2 receivers each
- Receives all services in each channel
- 3G-SDI/ASI output port

FEATURES

- Four independent channels for receiving DVB-S, DVB-S2 and DVB-S2X (in any mix).
- SDI/ASI port for outputting decoded video or full received Transport Stream.
- DVB-S2(X) features: VCM, MIS (1 stream).
- LNB power insertion (13V/18V 400mA) with DiSEqC interface on each port.
- Receiver provides lock status, RF level, demodulation status, modulation type, code rate, SNR, MER and BER.
- SDI/ASI output port is fully configurable:
 - ASI or SDI;
 - SDI: 3G, HD or SD;
 - 3G-SDI: level A or level B.
- Free SDK (DTAPI) for Windows and Linux.
- Easy mix and match with other DekTec cards.



APPLICATION

- Receiving all services from 4 transponders and software remultiplexing to IP or a cable network, with either an additional ASI output or a software-decoded 3G-SDI output.

PORTS

Port	Type	Dir	Connector
1	RF input receiver 1, 2	In	75-Ω F female
2	RF input receiver 3, 4	In	75-Ω F female
3	SD/HD/3G-SDI, ASI	Out	75-Ω BNC

KEY ATTRIBUTES

Parameter		Value
Tuning range		950 .. 2150MHz
Input sensitivity		-70 .. -20dBm
Modulation		Up to 32-APSK
Baud rate		1 .. 54MBd QPSK, 8-PSK 1 .. 50.7MBd 16-APSK 1 .. 40.5MBd 32-APSK
Metrology	RF level	-70 .. -20dBm ±3dB
	MER	0 .. 22dB ±2dB
LNB supply		13V/18V 400mA
PCI Express label		PCIe1 x4 low profile
OS	Windows	2k8/12/16, 7, 8, 10, 11
	Linux	≥2.6.32, 3.x, 4.x, 5.x

STANDARDS

Modulation	Standard
DVB-S	EN 300
DVB-S2	EN 302 307
DVB-S2X	EN 302 307-2
3G-SDI	SMPTE 424M
HD-SDI	SMPTE 292M
SD-SDI	SMPTE 259M
DVB-ASI	EN 50083-9

SDI FORMATS

Formats
1080p50/59.94/60; 1080i50/59.94/60
1080p(sf)23.98/24/25/29.97/30
720p23.98/24/25/29.97/30/50/59.94/60
525i, 625i

Note - The ASI/SDI port can be used as input, but this requires special firmware to be loaded onto the board. If you are interested, please contact DekTec.