

TBS6983 Professional DVB-S2 Dual Tuner PCIe Card

TBS6983 is a Professional level digital satellite TV Tuner card with PCI Express interface. TBS6983 supports not only normal DVB-S2/DVB-S QPSK, 8PSK which is supported by normal satellite receivers, but also CCM, ACM, VCM, Multi Input Stream, 16APSK,32APSK,Generic Stream Mode, which most satellite receiving devices can't support. With use of dedicated TBS tools, those special streams can be captured. Both Windows BDA driver and Linux driver up to the latest kernel 3.X are ready.

Descriptions:

TBS6983 Professional DVB-S2 Dual Tuner PCIe Card, built with the highest industry standard, with its rock reliability is the device that any personal enthusiasts or engineers in digital satellite TV industry dream to have. The applying of an unique DVB-S2 demodulator chipset makes it possible to receive special streams broadcasted with ACM, VCM, Multi Input Stream, 16APSK,32APSK or Generic Stream Mode. The built in hardware blind can feature allows scanning of unknown satellite transponder with symbol rate as low as 200ksps, while most satellite receiving device can receive no less than 1Msps symbol rate. Such blind scan feature can be achieved by dedicated TBS tool or or CrazyScan tool..

Main Features:

- EUMETCast Compatibility
- DVB-S2/S transponders receiving
- CCM, VCM, ACM and Multi Input Stream support
- Generic stream mode Support
- Up to 190 Mbit/s channel bit rate capture
- Wide range symbol rates support from 1Msps to 45Msps
- High-speed data download via satellite
- Unicable/one cable compatible
- Blindscan
- High reliability

Applications:

- Satellite feed hunt
- Satellite data download
- Lock of special transponders

Specifications:

- Receiving frequency: 950~2150 MHz tuning range
- Input level: -69~-23dBm
- Dual channels DVB-S2/DVB-S 8PSK QPSK 16APSK 32APSK ACM/VCM
- Demodulator
- Symbol rate:
 - Maximum symbol DVB-S2 rate limitations (Msymb/s)

Msymb/s	Demod	LDPC	Single	Dual
QPSK	67.5	135	67.5	67.5
8PSK	67.5	90	67.5	45
16APSK	67.5	67.5	67.5	33.7

32APSK	67.5	54	54	27
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-DVB-S QPSK+1/2, 2/3, 3/4, 5/6, 7/8
Support Data Burst & Tone Burst
Support DiSEqC2.X and Motor

System Requirements:

Windows XP / Vista/7/8/10, Linux
Pentium 4 2.0 GHz, Pentium M 1.3 GHz
For HDTV: 2.6 GHz multi core processor
Hard disk with min. 1 GB free capacity
Sound and graphics card with support for DirectX 9 or higher
Available PCI Express x1, x4, x8 or x16 slot
CD/DVD drive for software installation

Package Contents:

1 x TBS6983 Professional DVB-S2 Dual Tuner PCIe Card
1 x remote control
1 x IR receiver
1 x power cable
1 x Software CD