

## *DVB-S (Satellite ) Receiver, TS Recorder, DVB-ASI/SPI Player, DVB-S to DVB-ASI/SPI Converter*

### Standard Features:

- Combined DVB-S Input and DVB-ASI/SPI Output Board.
- PCI 2.2, 32 bit, 33/66MHz 3.3V.
- Bus Master DMA, Scatter /Gather Interface Protocol.
- Windows 2000 & XP Drivers and now Linux Drivers & API.
- Accompanied by DVStation2 Alitronika's Application Software.

### Input

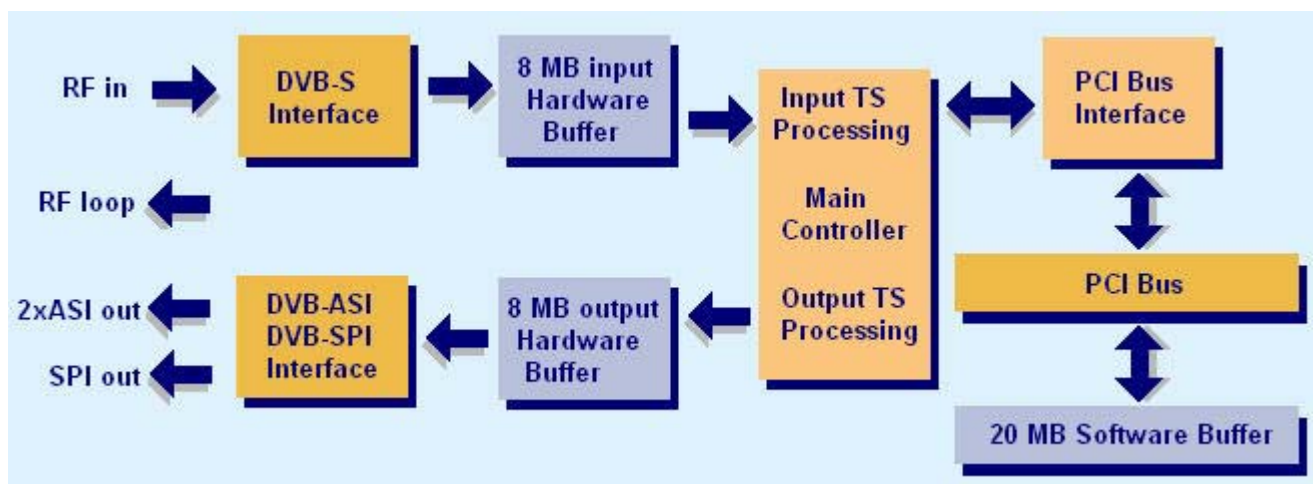
- DVB-S Compliant QPSK Reception.
- Input Frequency Range: 950 MHz to 2150 MHz.
- Symbol Rate: 1 Mbaud to 54 Mbaud.
- Supports 188, 204 Transport Packet Sizes.

### Output

- RF Loop Through Output.
- Simultaneous two Serial ( ASI ) and one Parallel ( SPI ) Outputs.
- Supports DVB According to Standard A1010 Rev1EN50083.



### Block Diagram:



# AT600PCI

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### **Applications:**

Targeted for Digital Video Professionals, Sophisticated End Users and OEMs

The AT600PCI is an ideal solution for a number of applications such as:

- Development Tools.
- DVB to IP Gateway.
- DVB-S to DVB-ASI & DVB-SPI Converter.
- MPEG-II Transport Stream Recording, Monitoring, Playing & Processing.
- Software Based MPEGII Decoders.

### **Specifications:**

- On Board Buffer: 16 Mbytes
- RF Tuner Connector: 75 Ohms IEC female Type
- Loop Through Connector: 75 Ohms IEC male Type.
- Input Frequency Range: 950 MHz to 2150 MHz.
- Input Signal Level: -65dBm to -25dBm @ 27.5 Mbaud.
- Input Symbol Rate: 1 Mbaud to 45 Mbaud.
- LO Step Size: 1MHz.
- FEC method: Viterbi, Puncture Rate: 1/2, 2/3, 3/4, 5/6 and 7/8.
- Standards: DVB-S.
- Modulation Method: QPSK.
- DVB-ASI Connector: 75 Ohms BNC.
- Output Signal level: 1.0Vp-p nominal.
- DVB-SPI Connector: 25-pin sub-D.
- DVB-ASI Output Bit Rate: 0 to 214 Mbit/s.
- DVB-SPI Output Bit Rate: 0 to 108 Mbit/s.
- DVB-ASI Output Clock: 270 MHz.
- DVB-SPI Output Clock: 0 to 13.5 MHz.
- DVB-SPI Output Level: LVDS.
- Size WxL: 107mm x 175mm.

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