

# TechniSat SkyStar 2 TV PVR

## QPSK DVB PCI Receiver Board with TV/PVR Functionality



### TechniSat SkyStar 2 TV PVR - Highlights

- Offers complete range of satellite reception
- Easy-to-Use, highly flexible for your and your customer's requirements
- Most Cost-Effective on the market today
- Standard based solution DVB, ETSI, TCP/IP and MPEG2
- Available with DVB-S, DVB-C and DVB-T front ends

### Features

- **Standard DVB Support**  
MPEG2: ISO/IEC 13818-1  
MPEG2: ISO/IEC 13818-6  
ISO/IEC 13818-2 / 3  
DVB-Data: ETSI EN 301 192 V1.1.1
- **RF Tuner**

Input Signal Level (Channel power)	-65 to -25 dBm
Dynamic Range	40dB Typical
L-band Receiving Frequency Range	950 - 2150MHz
External Connectors	F Type Female
Nominal Input Impedance	75ohm
RF Filter Bandwidth	Direct Conversion Tuner
RF Input Return Loss	6dB
L/O Leakage at RF Input	-80dBm, Max -63dBm
IF Frequency	Direct conversion tuner
IF Bandwidth	Direct conversion tuner

### More From TechniSat :

#### SkyStar USB



#### SkyStar 1, DVB PCI card with CI



#### Set-Top-Boxes for DVB-S, DVB-C, DVB-T reception



#### MultiSwitches & GigaSwitches



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SCPC / MCPC	Yes, both.
Image Rejection	40dBc
Phase Noise	-75dBc @10kHz, Max -70dBc @10kHz
Noise Figure	6-12 dB
<b>LNB Power and Switching</b>	
Supply Voltage (LNB polarity)	13/18V
Maximum LNB Current	350mA
Antenna Control Signal	22, 33 and 44kHz
DiSEqC	1.0
Short Circuit Protection	Yes
<b>QPSK</b>	
Symbol Rates	2-45 MS/s
Filtering	0.35 Nyquist Half BW
Viterbi Inner Code	1/2, 2/3, 3/4, 5/6, 7/8, Auto Sense
Reed-Solomon Outer Code (k+T,K,T)	(204, 188, 8)
<b>Tuner Status</b>	
Signal Strength; Signal Lock; Uncorrected Blocks	Yes
<b>PC Interface</b>	
Computer Bus	PCI
Interface Protocol	PCI 2.1
Host Bus Width	32bit
Host Bus Burst Rate	133MB/s burst to host
PCI Bus master	32bit DMA
<b>Data Rate</b>	
Aggregate throughput	42,5 Mbps
No of simultaneous streams	39 PIDs
<b>Demultiplexing</b>	
Maximum Input Rate	100 Mbps
Maximum No. Data Stream	33+
Maximum No. Section Filters	33+
No. Sections Per Packet	Unlimited
<b>Operating System Support</b>	
WIN 98 (2nd Edition), ME, W2K, XP	Yes
<b>Software Compatibilities</b>	
UDP/TCP/IP Protocol	Yes
PSI/SI Private Tables	Yes
LLC SNAP/Null Encapsulation	Yes
Multiple Application Support	Yes
Ready for Downloading Firmware	Yes
In-band Signaling Capability	Yes
<b>Hardware Compatibilities</b>	
Multiprotocol Encapsulation (MPE) Compliant	Yes
Datagram and Section Packing	Yes
ECM, EMM to the Bus	Yes

### More From TechniSat :

#### Cable HeadEnd Equipment



#### TV Sets



#### Colani High Design TV Sets



*by Colani*

#### MultiSwitches & GigaSwitches



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PES and TS Data Filtering	Yes
Unicast/Multicast Filtering	Yes
No. MAC Addresses Filters	33
No. PID Filters	39
No. Section Filters	33
Intel Chipset (810 to 815) Compatibilities	All
Max. Number of Mac Addresses per PID	Unlimited
<b>MPEG Video Decoding</b>	
Support MPEG-2 Video MP@ML Syntax	Yes
GOP structure support I, P and B	Yes
Video bit rate range	Unlimited
Resolution for TV and VGA	800 X 600 X 256 Minimum
<b>MPEG Audio Decoding</b>	
Audio bit rate range	Unlimited
<b>Software</b>	
DVB Viewer - TV, PVR software	
<b>Physical / Environmental</b>	
PCI Dimensions	133 mm x 100 mm
PCI 2.1 compliant	
Operating Temperature	0-45 C°
Storage Temperature	0-70 C°
Operating Humidity	0-85 %
Weight	4,8 oz.
MTBF	20,000 hours



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<http://www.t-data.lu>

## More From TechniSat :

### Wireless Video and Audio receivers



### Set-Top-Boxes for DVB-S, DVB-C, DVB-T reception



### Accessories, cables, splitters etc.



### Just Ask For It!

