"In today's fast-paced, market, Digital television is a new way to broadcast the future. Digital Set Top Boxes have become a key component allowing people to access many services offered by the cable operator"

Satellite Converter

AD1802S TS Converter-Satellite Serie

.Compositions of System

AD1802S tunes and demodulates received 2 channels DVB-S signals from satellite without decompressing or encoding.
AD1802S is the digital signal converter. The received signals will be sent to user after QAM modulation. It is widely used in satellite digital TV, data broadcast, Internet, etc.

AD1802S consists of four modules:

•Tuner
AD1802S is the digital signal converter
RF input: 950~2150 MHz from the output signals of LNB

•Digital demodulation
QPSK demodulation, output MPEG-2 TS digital signal

•Data processing
The unit process digital data after QPSK demodulation.

•Output interface
The unit converts TS for DVB ASI interface.

Features

- Full DVB and MPEG-2 compatible
- SCPC and MCPC compatible, to receive all unencrypted digital programs in the world.
- Viterbi auto-identify
- C and KU band compatible
- Integrated tuner (Lower threshold) of reliable quality.
- Power off memory
- 2 single channel ASI output interface. (different program)

ASI output (asynchronous serial interface)

Connector: BNC
Impedance: 75Ω
Packet format: 188 or 204 bits (optional)
Channel data rate: 270Mbps
DVB standard

1362 NW 78 AVE Miami, Fl 33126 + 1 (305) 592 -9811
www.aprildigital.com

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Features

Network management interface
Ethernet interface: IEEE802.3 ETHERNET, RJ45 interface
Software protocol: SNMP protocol

Physical Details
Power supply: 220VAC±10% 50Hz 20W
Dimension: 1U*19"*300mm
Weight: 4kg
Operation: +0~50°C
Storage: -20~+80°C

RF-Input

Input Frequency:	950~2150MHz
Level:	-79~-11dBm
IF bandwidth:	27~36MHz
Demodulation:	QPSK
Impedance:	75Ω

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